PCI®

Solutions Through Innovation



LOAD BEARING ROLLER ASSEMBLIES

Full Catalog



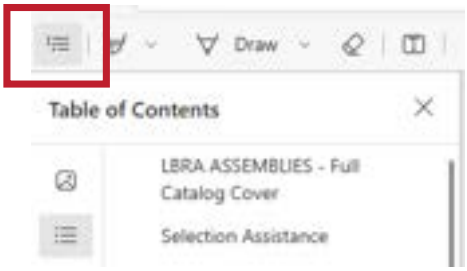
(989) 358-6148 | www.pcimfg.com

Electronic Viewing Tips

1. Users should enable their 'Bookmarks' feature . On larger documents, users can quickly jump to specific sections or pages by clicking on the bookmark links, similar to a table of contents.
2. Users should enable their 'Page View" to a 2-page spread. --> Two-page view
3. Users should enable their 'Page View" to show cover separately. Show cover page

Reference your specific .pdf viewer instructions for assistance with electronic view configurations.

Microsoft Edge web browser .pdf viewer instructions.

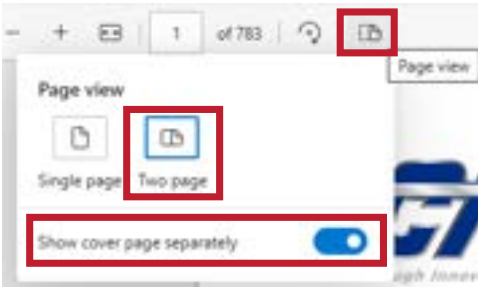


Bookmark Assistance
(quickly navigate to key sections)

- Navigation Pane Icons: Click the bookmarks icon from the Table of Contents pane to open the bookmarks feature in the side panel.

Page View Assistance

- Navigation Pane Icons: Click the 2 page view icon
- Select each of these options below
  - Two-Page View
  - Show Cover page



Adobe Acrobat™ Viewer .pdf viewer instructions.



Bookmark Assistance
(quickly navigate to key sections)

- Main Menu > View > Show/Hide> Navigation Panes* or Side Panels* > Bookmarks
- Navigation Pane Icons: Click the bookmarks icon from the navigation pane to open the bookmarks feature in the side panel.

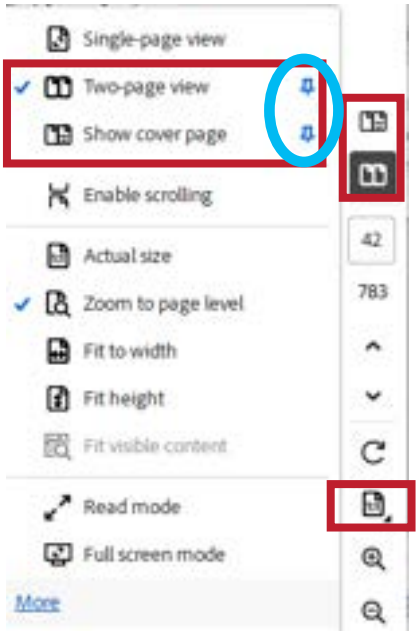
Page View Assistance

- Main menu > View > Page Display > Two-Page View (see two pages side by side)
- Main menu > View > Page Display > Show Cover Page
- Navigation Pane Icons: Click the 2 page view icon from the navigation bar.

Then, select each of these options below:

- Two-Page View
- Show Cover page

(After selections have been made, click the blue pin icon to always keep the settings)



PCI was founded in 1986 in Alpena, Michigan USA as a small job shop and has since become an industry leading manufacturer of Load Bearing Roller Assemblies, Conveying Components and unique specialty Ancillary Products.

The key feature that distinguishes PCI's Innovative Solutions from our competition is the experience and dedication of our personnel. Sure, we have standard features that form the foundation of great products – effective technologies, analytics, strategies, processes, and practices – but those will only ever be as good as our people. PCI's staff synergize these various ingredients into the standards of service and performance that treat the satisfaction of our customers as the highest goal of everything we do. This isn't just an idea, but a philosophy steeped in team experience that can only result from a knowledgeable staff, who are committed to building upon our vision to be the highest value supplier in our industry.

Providing Industry Leading Solutions Through Innovation Since 1986

We want to help you select your complete solution. PCI will provide analysis and application guidance to resolve problematic demands. Our broad industry experience has allowed us to expand and utilize the latest technology to provide you with unrivaled products and customer focused services. With the right people in place, we then provide comprehensive training, unique designs, patented solutions, streamlined processes, and cutting-edge technologies. PCI continues to develop and manufacture extensive product lines that will exceed expectations.

Our performance has earned us the loyalty of our client partners, with many relationships spanning decades, representing some of the largest markets and organizations in North America. We're not going to tell you we can do something we can't, we're not going to try to sell you something you don't need. We simply focus on what we're good at – great customer service, readily available quality products, and competitive pricing, all delivered with a personal touch.

Today, our products are recognized for their premium industrial quality and ability to serve a variety of industries and applications. We have the resources, the facilities, the technology, and most importantly a loyal team dedicated to product improvement.

Solutions Through Innovation

LOAD BEARING ROLLER ASSEMBLIES

∞| *Infinity Roller™ Technology*

CAM FOLLOWERS (CF)

Bearing: Needle



PRODUCT DASHBOARD



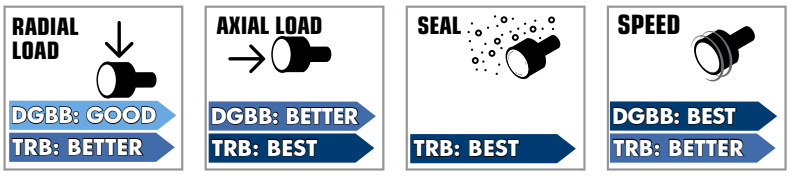
Diameters from 2" to 20", these units provide maximum radial capacity in lower speed applications. An extra thick roller body provides high load carrying capability by minimizing distortion.

XR ROLLERS (XR)

Bearing: Ball/Tapered Roller



PRODUCT DASHBOARD



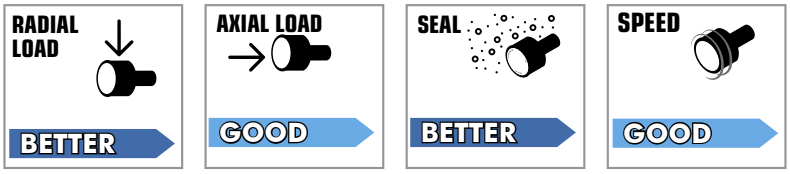
Diameters from 1.5" to 10", PCI XR Rollers provide the rugged seals and thrust load capacity of a PCI Track Roller in the sizing of a Cam Follower, for an easy, drop-in, maintenance-free upgrade.

DOUBLE CYLINDRICAL BEARING ROLLERS (DCB)

Bearing: Cylindrical Roller



PRODUCT DASHBOARD



Diameters from 2" to 10", these units provide maximum dynamic radial load capacity and allow for incidental thrust loads. DCB Rollers also offer rubber seals and are a drop-in replacement for Cam Followers.

TRACK ROLLERS (TR)

Bearing: Ball/Tapered Roller



PRODUCT DASHBOARD



Diameters from 1" to 20", PCI Track Rollers provide balanced radial and thrust load capacity, maximized sealing provisions and profile options which include Crowned, Flanged, Double Flanged, V-Grooved, U-Grooved and Channel & I-Beam profiles.

Solutions Through Innovation

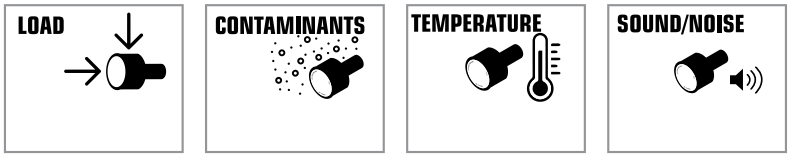
LOAD BEARING ROLLER ASSEMBLIES

∞| *Infinity Roller™ Technology*

EXTREME DUTY SOLUTIONS



DESIGN CONSIDERATIONS

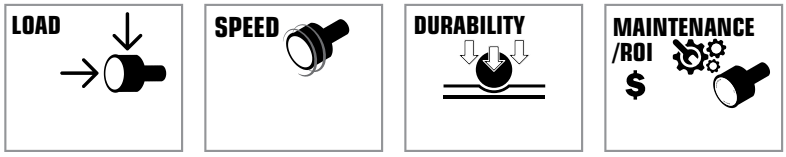


PCI Extreme Duty Rollers featuring ∞Infinity Roller™ Technology are designed to perform in the most demanding environments. Stainless Steel and Non-Metallic materials can be coupled with extreme temperature resistant components.

INDUSTRY SOLUTIONS



DESIGN CONSIDERATIONS

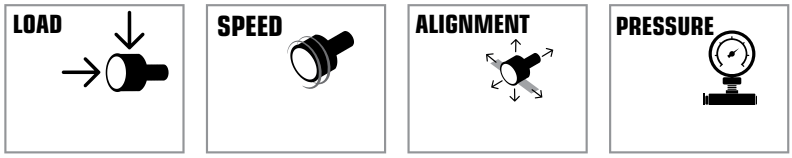


PCI analyzes failure modes, wear patterns, maintenance, and repair cycles to develop specific industry solutions. Standard designs include drop-in replacement rollers for the lumber & sawmill industry, components for Oil & Gas equipment, recycling, waste & refuse parts, or for wire guide processing.

ANALYSIS SERVICES



DESIGN CONSIDERATIONS

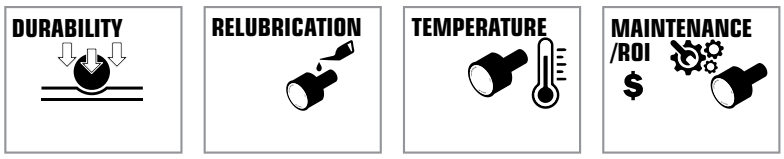


PCI provides load calculation and technical analysis services. Assistance includes failure modes and track capacity determination, as well as roller body and track profile evaluation.

SPECIALS & CUSTOMS



DESIGN CONSIDERATIONS



PCI manufactures special & custom assemblies in all shapes and sizes using a variety of internal bearing configurations. We deliver rollers weeks ahead of the competition and require no piece minimums. Whether it's dimensional adjustments, or analysis and application guidance to resolve problematic demands- PCI provides *Solutions Through Innovation!*

UNDERSTANDING APPLICATION NEEDS

Load Bearing Roller Assemblies

Gaining an understanding of an application's demands is the first step in obtaining choices for a solution. Application factors greatly impact proper selection and functionality of your load bearing roller assembly. Selecting the wrong load bearing roller assembly is haste can lead to premature failure and costly downtime.

To explore all the variables and choices for your solution, contact PCI Customer Service.

APPLICATION ASSISTANCE

To assist customers with their unique application, our staff engages in the specific details, evaluates, and provides analysis of failure modes, wear patterns and costs associated with routine maintenance, replacement cycles and performance. Our industry knowledge, coupled with our desire to help craft the most viable options, drive PCI to provide *Solutions Through Innovation*. PCI Engineers recognize that other manufacture's one size fits all mentality does not make the cut when it comes to customer's specific and unique applications. PCI utilizes decades of real world experience, to provide in house test facilities, load calculation assistance, and track capacity determination for applications, regardless of body and track profile. Customer satisfaction motivates us to continue to design and innovate with excellence.



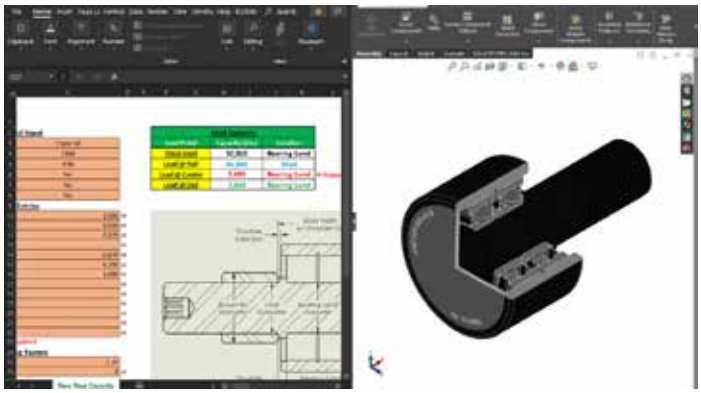
PRODUCT SELECTION

To assist customers in product selection, our staff ensures costs associated with routine maintenance, replacement cycles and performance in critical applications where decreased contamination and reduced downtime is at the forefront of our offerings. Customers can use our online parametric search to help filter their most viable pre-engineered options or may contact us directly for one-on-one assistance. You can count on PCI as your trusted advisor to help you properly select rollers for your unique application.



CUSTOM ROLLERS AND SPECIAL DESIGN

Our standard products are pre-engineered in 3D solid models allowing us to quickly and economically re-engineer these components to meet specific customer needs using a variety of internal bearing configurations. Whether you request simple dimensional modifications, special surface finishes / alloys or application specific solutions, PCI will work with you to provide an innovative solution to meet your needs efficiently and effectively. There are no minimum quantity requirements and PCI delivers weeks ahead of the competition!



WHAT IS THE APPLICATION ENVIRONMENT?

Environmental conditions can impact the life and performance of load bearing roller assemblies. Bearings won't operate efficiently and/or may fail prematurely if they are not carefully selected to suit the conditions under which the bearing is running. You can count on PCI as your trusted advisor to help you properly select rollers for your unique application.

Operating Conditions – Improper selection and maintenance of bearing components based on temperature, rotation, speed, and load, causes increased friction, higher operating temperatures, faster component degradation and can cause damage to bearings.



Contaminants – Bearing contamination accounts for a large percentage of failures. These unwanted substances can be solid, liquid, or gas that negatively impact the performance of the bearing and/or lubricant. Rollers mounted vertically may experience a greater risk.



Maintenance, Repair And Return On Investment Factors – Unfortunately, bearings are often amongst the least accessible components in a machine, and as a result can end up being neglected. Production shutdown due to maintenance, and unplanned downtime negatively impact return on investment.



WHAT ARE THE APPLICATION LOADS?

Load bearing roller assemblies are designed to support moving (dynamic) loads or stationary (static) loads. Roller load can be communicated using the following terminology:

Radial*

Load applied 90 degrees to the bearing bore or axis of rotation

Axial / Thrust

Load applied parallel with the bearing bore or axis of rotation.





**Vertical mounts create axial/thrust loads due to gravitational force/pull.*

Combination Load

Load comprised of both radial and thrust load acting simultaneously, or together, create combination load. Misalignment and roller mounting orientation are often overlooked and is a primary factor in creating combination loads. When calculating total load capacity needed, please be sure to intentionally take dead loads that are relatively constant for an extended time, and live loads that are applied on and off, into consideration.

Aligned



Parallel (square with rail/track)

Misaligned



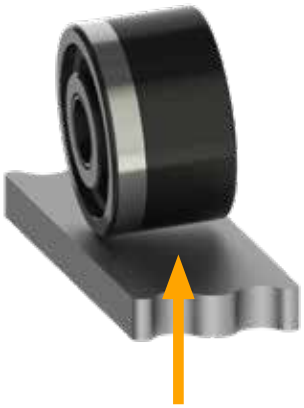
Not parallel (out of square with rail/track)

Aligned



Even tread surface wear

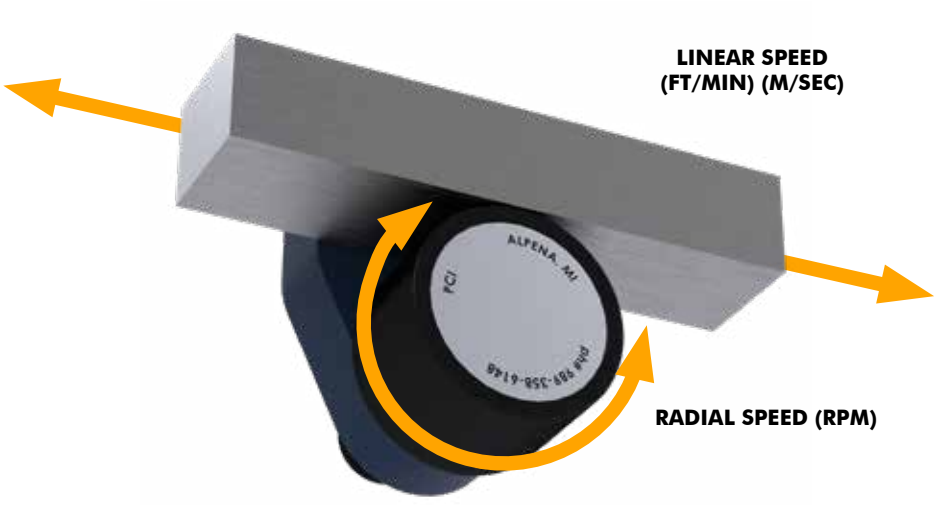
Misaligned



Uneven tread surface wear

WHAT ARE THE APPLIED SPEEDS?

There are two common ways to determine the velocity of a traveling object. Objects traveling in a linear path are measured in distance per unit time, often in feet per minute (FPM) or meters per second (M/sec). Rotational velocity is commonly measured in revolutions per minute (RPM). Because bearing life and capacities use revolutional velocity in their calculations, conversion from linear to revolutional velocity is important.



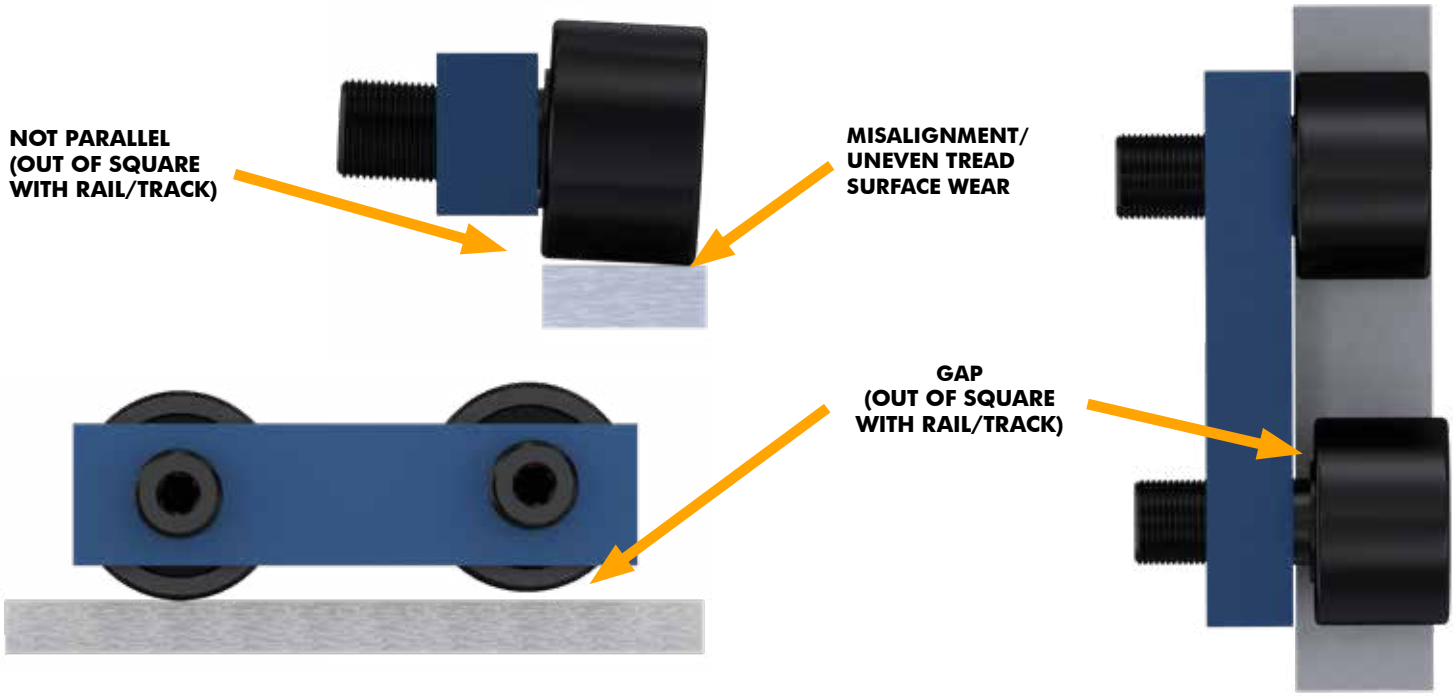
HOW DOES BEARING TYPE IMPACT SPEED?

Bearing speed is determined by size, design, and quality. Some bearings can withstand high speeds; however, the choice of a higher speed is often made at the expense of the load. Speed limitations are influenced by seals, lubrication type and delivery mechanism, product materials, and cage design. Generally, the smaller the bearing and the more precise its tolerancing, the higher its speed capability. Caged bearings generally have higher speed ratings than full complement bearings. A precision ground bearing better accommodates speed compared to unground bearings.

BEARING TYPE	SPEED	RADIAL LOAD	AXIAL LOAD
Needle Bearing - CF	Poor	Best	Poor
Cylindrical Roller Bearing - DCB	Good	Better	Good
Deep Groove Ball Bearing - XR & TR	Best	Better	Better
Tapered Roller Bearing - XR & TR	Better	Good	Best

WHAT ARE THE NEEDS FOR ACCURATE GUIDANCE/ALIGNMENT?

Ideally, the linear velocity of the trolley or carriage assembly and the rotational rate of the bearing remain proportional and aligned (square) to each other. When a differential exists between these two components, misalignment begins to occur, causing premature wear or, in some cases, catastrophic failure. PCI provides analysis of failure modes and wear patterns, and evaluates costs associated with maintenance, replacement cycle, and performance.



HOW DOES ROLLER SELECTION IMPACT GUIDANCE/ALIGNMENT?

Load bearing roller assemblies facilitate the location of moving loads or the contact surface by allowing for specific movements and by limiting unwanted ones. Rollers that do little to reduce misalignment and friction will create unacceptable magnitudes of heat and wear when used at speeds and conditions most demanding applications require. Roller body profile plays a pivotal role in roller-to-rail location. Crowned profiles provide operational enhancement while Flanged, U-Groove, and V-Groove shoulders provide guidance.



DESIGNING APPLICATION SOLUTIONS

Load Bearing Roller Assemblies

PCI Load Bearing Roller Assembly solutions can be manufactured with a variety of body profiles to help address concerns with environment, load, speed, and alignment.



PTR

Plain/Cylindrical Track Rollers effectively carry radial loads and can be utilized to provide "flotation" when used in tandem with locational units (Flanged, V-Grooved etc.) in response to application misalignment



CTR

Crowned Track Rollers have a spherical body profile and are used to reduce the effects of misalignment by better distributing load. Crowned rollers are also used in rotary applications to minimize scrubbing or skidding



CIR

Channel & I-Beam Track Rollers effectively carry radial loads and are designed with a 9.5° taper to be used with standard I-Beam or C-Channel structural steel as track material.



FTR

Flanged Track Rollers provide single direction guidance in applications where side loads are expected. Like most locational units, Flanged rollers are used in tandem with plain rollers to prevent overload from misalignment



FFTR

Double Flanged Track Rollers provide dual direction guidance along the track in applications where side loads are expected. Like most locational units, Double Flanged rollers are used in tandem with plain rollers to prevent overload from misalignment.



UTR

U-Grooved Track Rollers with R³™ Technology provide multi-direction location and are used with round bar tracks which reduce buildup on the rolling surface. Like most locational units, U-Grooved rollers are used in tandem with plain rollers to prevent overload from misalignment.



CVTR

Crowned V-Grooved Track Rollers with R³™ Technology provide bi-axial guidance, dual direction location and are used with "V" tracks which reduce buildup on the rolling surface. CVTR configurations feature 2.34 times reduced rolling resistance of traditional V designs. Like most locational units, Crowned V-Grooved rollers are used in tandem with plain rollers to prevent overload from misalignment.



VTR

V-Grooved Track Rollers provide dual direction location and are used with "V" tracks which reduce buildup on the rolling surface. Like most locational units, V-Grooved rollers are used in tandem with plain rollers to prevent overload from misalignment.



RVTR

Reverse V-Grooved Track Rollers provide dual direction location and are used with inverted "V" tracks. Like most locational units, Reverse V-Grooved rollers are used in tandem with plain rollers to prevent overload from misalignment. Built to your specification.

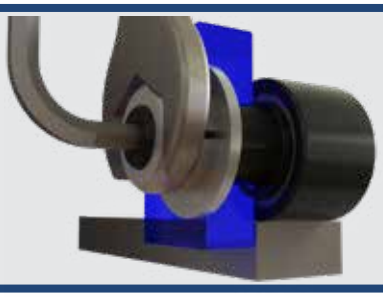


WGR

Wire Guide Rollers are designed to operate as wire straightening and cable guides.

Eccentric Options Provide Precision Positioning

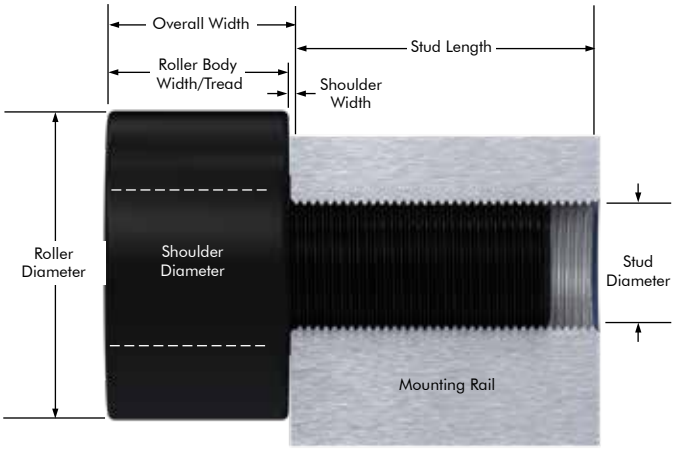
Eccentric adjustment reduces or removes gaps in unfavorable misalignment conditions by providing uniform contact and loading among mounted rollers to improve life.



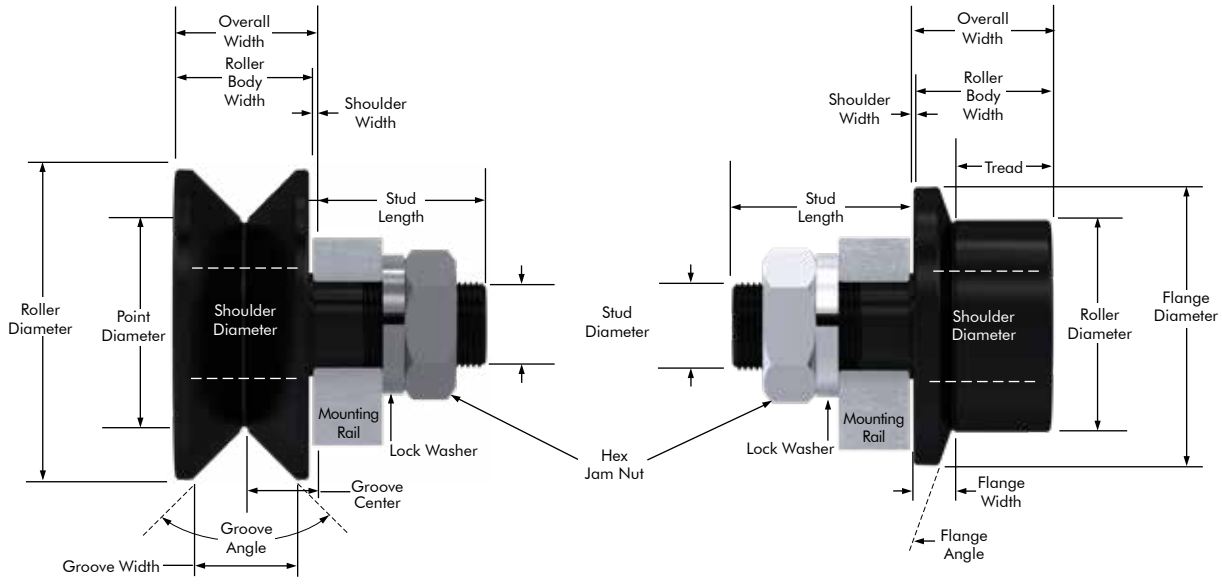
STUD TYPE COMMON TERMS AND MOUNTING TYPES

PCI Load Bearing Roller Assemblies are manufactured to accommodate multiple mounting arrangements. The following diagrams outline common terms and the two most preferred methods for stud type rollers.

Blind Mount - Stud Type



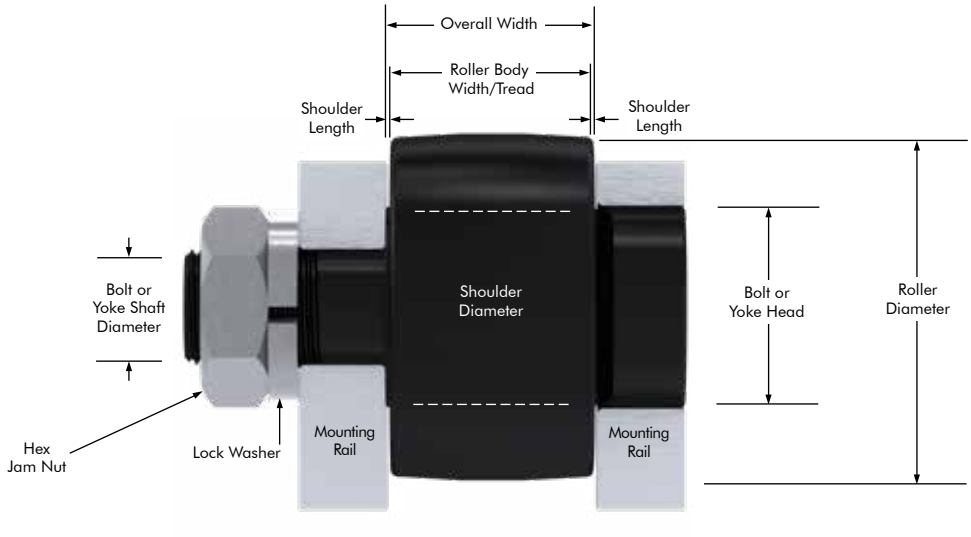
Through-Hole Mount - Stud Type



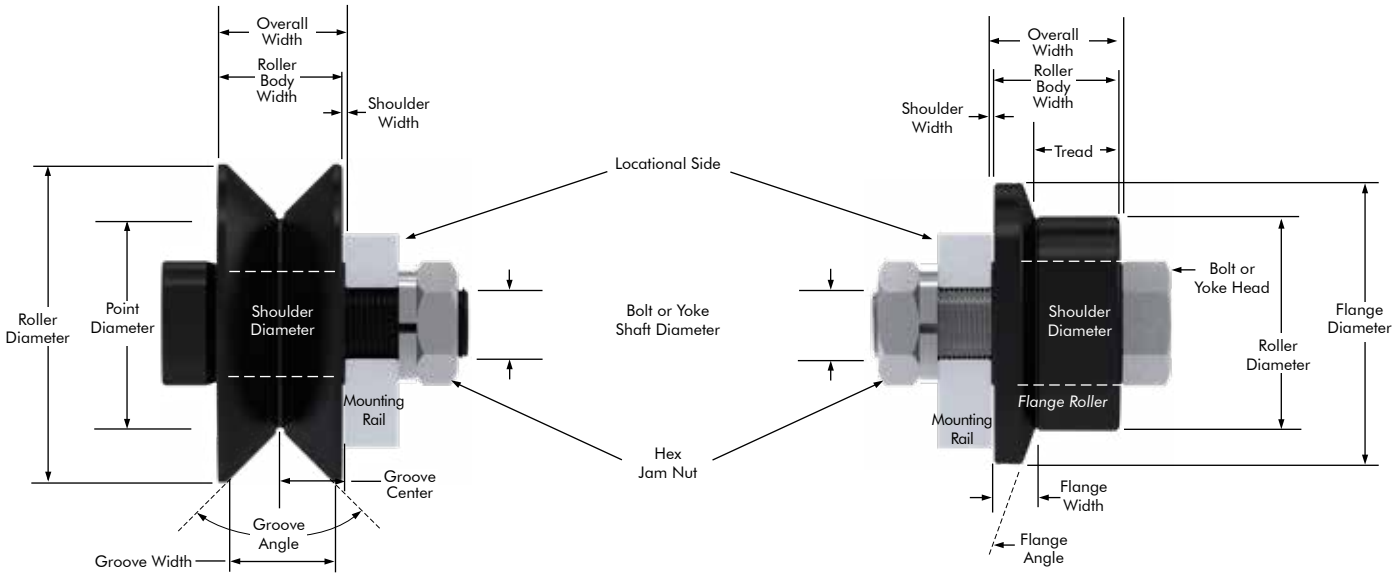
YOKE TYPE COMMON TERMS AND MOUNTING TYPES

PCI Load Bearing Roller Assemblies are manufactured to accommodate multiple mounting arrangements. The following diagrams outline common terms and the preferred mounting methods for yoke type rollers. Yoke shafts sold separately.

Captured Mount – Yoke Type



Through-Hole Mount - Yoke Type



CAM FOLLOWER STUD TYPES

PCI Cam Follower stud styles feature three configurations to meet design requirements. Options for roller end mounting accommodate installation preferences. Lube fittings and plugs are shipped loose for customer installation.

Concentric Stud



Screwdriver Slot Mounting

Eccentric Stud



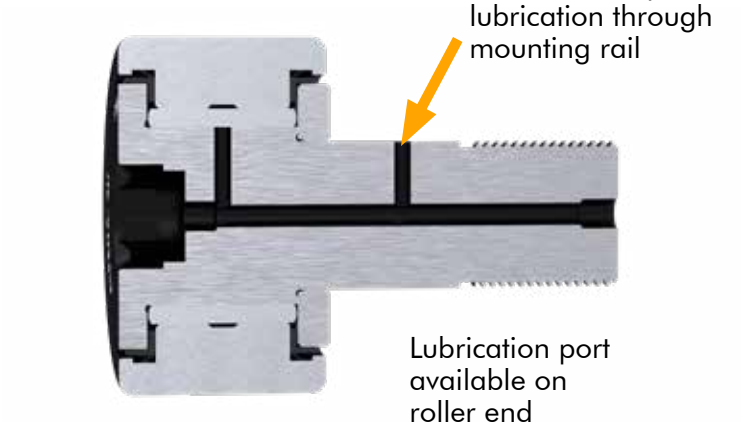
Screwdriver Slot Mounting

Heavy Stud

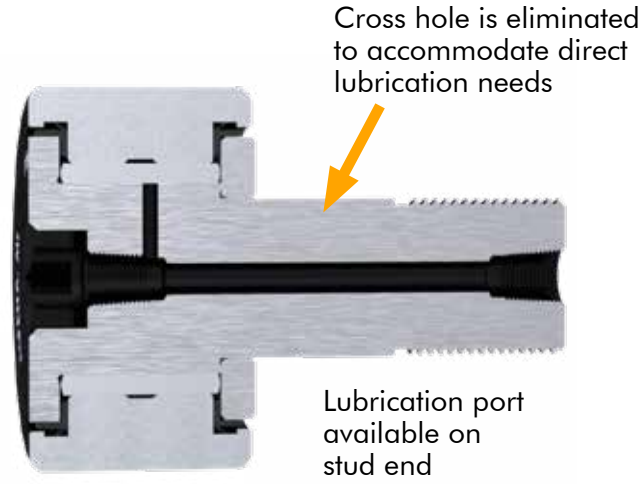


Hex Socket Mounting

Traditional Cam Follower Stud



Through Hole Threaded (-THT)



PCI®

Solutions Through Innovation



LOAD BEARING ROLLER ASSEMBLIES

Infinity Roller Technology



(989) 358-6148 | www.pcimfg.com

WHY BEARINGS FAIL

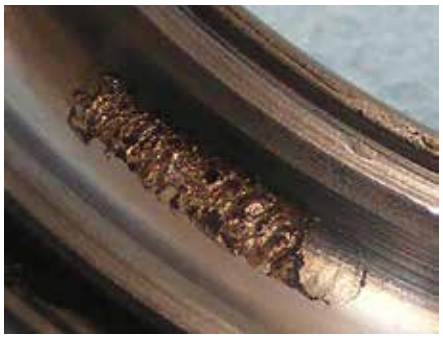
Solutions Through Innovation

Bearing

Bearing Fatigue

Bearing Fatigue is the formation and propagation of cracks (weakening of a material) due to a repetitive or cyclic load of an intensity considerably below the yield strength. Fatigue fractures are progressive, beginning as minute cracks that grow under the action of the fluctuating stress. Although these cracks or fractures may take some time to propagate, depending on intensity and frequency of stress cycles, they can and do occur in normal service, without excessive overloads, and under normal operating conditions. Nevertheless, fatigue fractures are serious because they are insidious; that is, they are frequently "sneaky" and can occur with very little, if any, warning before failure if the crack is not noticed. Obviously, if service is abnormal as a result of excessive overloading, corrosive environments, or other conditions, the possibility of fatigue fracture is increased.

Bearing Fatigue - spalling prior to failure





Lubricant

Lubricant – [wrong lubricant, wrong quantity, wrong interval]

For a bearing to perform properly, a thin, continuous film of lubricant must exist between all moving surfaces — including the rolling elements, raceways, cage, and rings. This film reduces friction produced as components move. If a bearing has insufficient lubrication, or if the lubricant has lost its lubricating properties, the required film with sufficient load-carrying capacity cannot form. The result is metal-to-metal contact between rolling elements and raceways, leading to adhesive wear and/or overheating and subsequent catastrophic failure. There are numerous causes for lubricant failure, including;

- Contamination with foreign matter *(Figure A)*
- Incompatible (mixing) lubricants *(Figure B)*
- Insufficient lubricant quantity or viscosity
- Over-lubricating
- Excessive temperatures
- Incorrect grease base for a particular application
- Deterioration due to prolonged service without replenishment
- Use of grease when conditions dictate the use of static or circulating oil

(Figure A)



(Figure B)



Maintenance, Repair And Return On Investment Factors



Ineffective Seals / Contamination

A bearing seal has two main functions, to retain lubricant and exclude contaminants. Seals must be properly orientated or have design features that allow for relubrication of the bearing. Additional lubricant installed in a bearing will need to displace old lubricant. If a bearing is overfilled or has more grease than is necessary, the additional lubricant will be pushed out in a similar manner as purging old lubricant during relubrication and subsequent operation. Full compliment needle and cylindrical roller bearings are generally filled with grease to 75-100 percent capacity. Upon use, grease may purge until the appropriate level is reached. The appropriate level is dependent on the rotating speed. Upon relubrication, the purging will happen again as it is impractical to lubricate to exactly the right amount. Even under the best operating conditions, bearing seals can leak. Typically seal leaks are traced to three basic causes, condition and size of the shaft and housing bore, contamination, and poor installation practices.

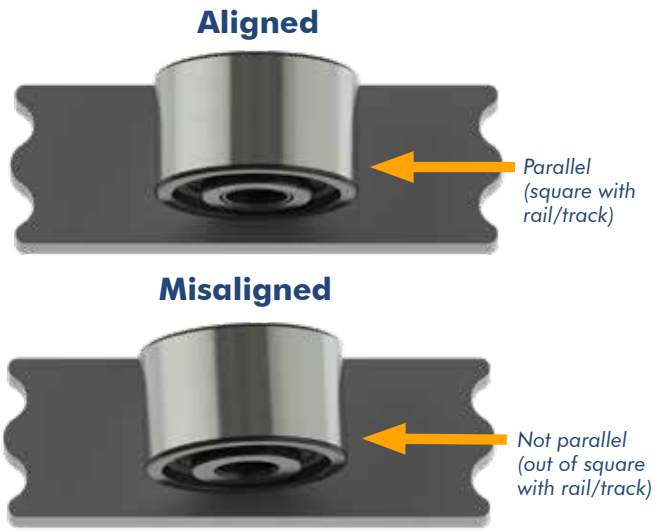
Single lip seal designs perform only one of these tasks well. If the lip is facing inside the bearing it retains lubricant better than excluding contaminants. The same seal installed with the lip facing outside the bearing excludes contaminants better than retaining lubricants.

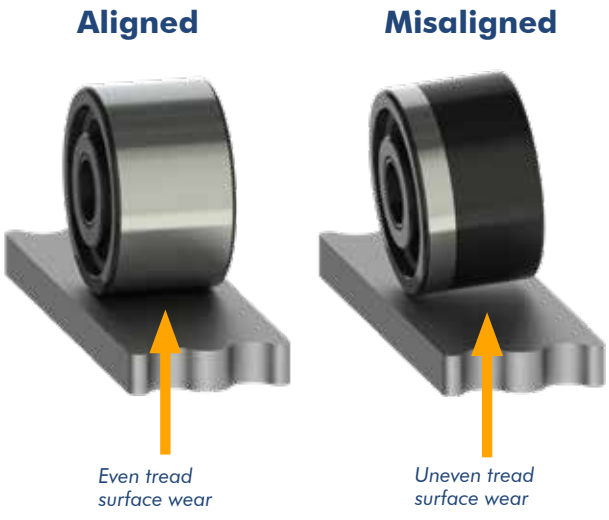
Multiple lip seals are highly effective at retaining lubricants and excluding contaminants. Their designs can vary, often featuring opposing lips and/or grease reservoirs to create a barrier. These reservoirs also serve to lubricate the seal, extending service life. Multiple lips can result in higher drag, due to several points of contact. As a result, these seals are typically for applications with slower rotational speeds or those that are primarily static.

"Other" Reasons - Production and Application

Production: Poor-quality components, improper storage, handling, and care during manufacture or production of the roller assembly.

Application: Improper mounting, wrong or inadequate selection/fit, and heavier/different loading than anticipated. One of the most common is combination load produced from application misalignment. Combination load is comprised of both radial and thrust loads and is a large contributor to premature failure.





Solutions Through Innovation

∞ | INFINITY ROLLER™ TECHNOLOGY

Bearing

Bearing Fatigue Minimized

PCI Infinity Roller™ Technology delivers robust, high-performance load-bearing solutions engineered for maximum uptime and productivity. We achieve extended service life and increased run time by optimizing bearing component geometry and utilizing superior rolling elements. These precision designs also reduce operating temperatures and improve lubricant life, which helps lower overall maintenance and operating costs. PCI rollers often exceed competitors' load ratings within the same standard package size. Our diverse offerings, with their unique features, will fit your application needs.

PCI Infinity Roller™ Technology offerings outlast all competitive products on the market!



Needle Bearing



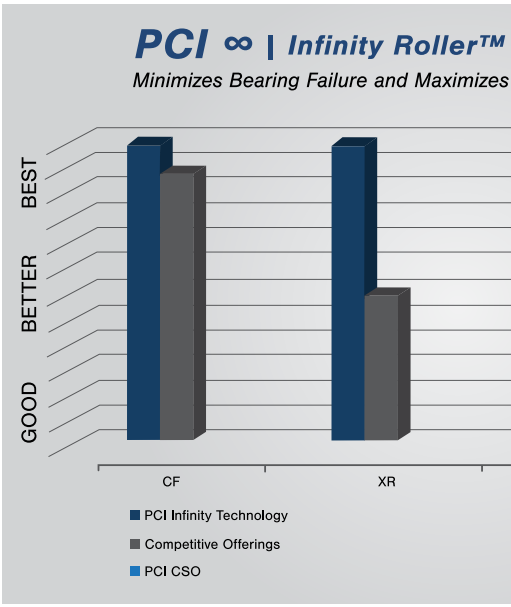
Double Cylindrical Roller Bearing



Ball Bearing



Tapered Roller Bearing



Lubricant

Lubricant – right lubricant, right quantity, right interval

Bearing lubrication is essential to reduce friction, prevent wear, and to dissipate heat. The ambient environment and chemical composition greatly affect lubricant performance and bearing service life. Conventional lubricants degrade quickly at high temperatures and are too viscous in low temperatures. Synthetic lubricants have superior performance at extreme temperatures, provide excellent protection properties, and extended service life.



PCI Infinity Roller™ Technology features premium synthetic lubricant as a standard offering for enhanced performance. The superior mechanical stability of this lubricant helps prevent slumping and oxidization for nearly every application.

PCI Infinity Roller™ Technology offerings feature high performance grease to minimize downtime!

Minimizes Bearing Failure and Maximizes Life

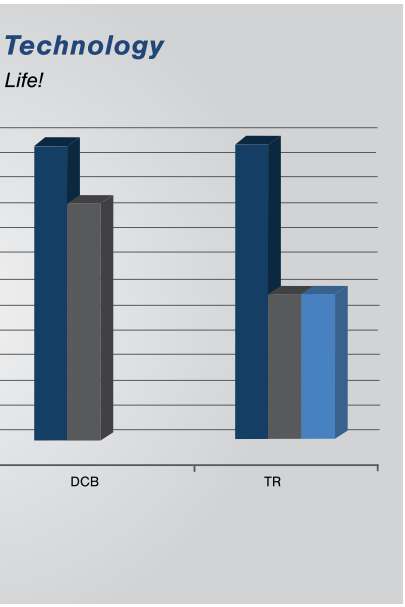


Longest life in the Industry that Last and Last and Last and Last...

Effective Seal for Contaminant Prevention

PCI Infinity Roller™ Technology not only ensures mating components and proper installation practices are followed, but our seal designs and selection provide superior contaminant exclusion.

PCI Infinity Roller™ Technology seals are unmatched in the industry!



Needle Bearing



Dual function vented, moly-filled nylon lip seal provides low level incidental thrust capacity, a lubricant reservoir and multifaceted contact points while excluding contaminants with minimal seal drag.

Double Cylindrical Roller Bearing



Rubber lip seals with expanded grease barrier rotates with the roller body and functions like a slinger to move contaminants away. These seals have slightly higher seal drag but are more effective at excluding contaminants.

Ball Bearing



SKF® RSH series premier seals are in contact axially with the inner ring and incorporate a secondary lip seal, radial slots and proper lubrication. SKF® RSH seals have slightly higher seal drag but are more effective at excluding contaminants.

Tapered Roller Bearing



Timken® DuoFace™ seals are unrivaled in the industry with double lip contact on housing bore and the ground surface of the outer ring- with no need to machine special seal surfaces. DuoFace™ seals have slightly higher seal drag but are more effective at excluding contaminants.

Seals

"Other" Improvements

Production Standards Perfected

PCI Infinity Roller™ production and management systems utilize principles of lean manufacturing, continuous improvement and employee engagement. Our production areas are routinely audited by Quality Control professionals, including Timken® and SKF® application engineers who have certified our assembly and storage areas, tooling, and processes to ensure proper handling as well as overall customer satisfaction. Our manufacturing teams pride themselves in producing quality products day in and day out.

TIMKEN BEARING CERTIFIED

Application Assistance Mastered:

To assist customers with their unique application, our staff engages in the specific details, evaluates and provides analysis of failure modes, and wear patterns as well as costs associated with routine maintenance, replacement cycles and performance. Our industry knowledge, coupled with our desire to help craft the most viable options, drive PCI to be your trusted advisor in proper bearing selection and mounting assistance for your application.

PCI continues to provide Solutions Through Innovation!

Other

Timken® is a registered trademark of The Timken Company
SKF® is a registered trademark of SKF

∞ | INFINITY ROLLER™ TECHNOLOGY

Solutions Through Innovation

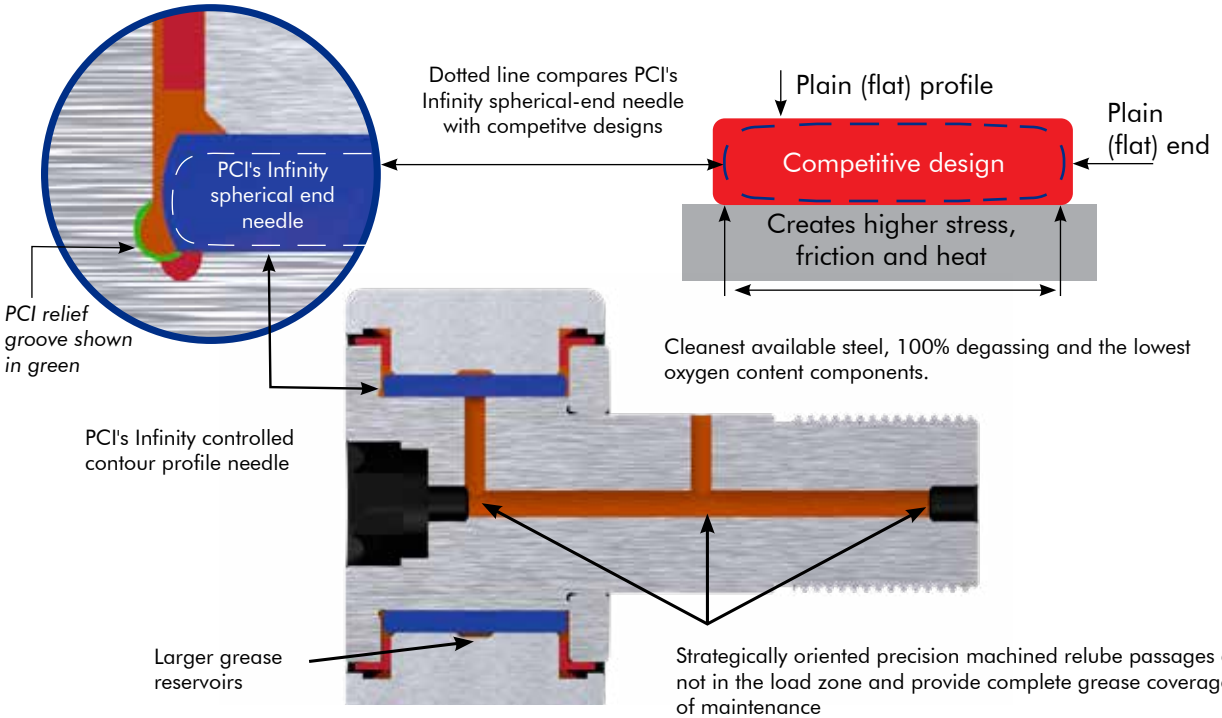
Bearing

Bearing Fatigue Minimized

PCI Infinity Roller™ Technology Cam Followers are comprised of spherical-end needles featuring a controlled contour for optimized rolling element performance. To minimize contact stresses between bearing raceway and needle, PCI has engineered an exclusive tapered radius relief groove (shown in green below), whereas the sharp edge in competitive relief groove designs (shown in red below) generates higher stress concentrations on bearing raceways.

PCI's advanced design Cam Followers create less heat, have higher running accuracy, and quieter operation.

PCI Infinity Roller™ Technology offerings outlast all competitive Cam Followers on the market!





Lubricant

Lubricant – right lubricant, right quantity, right interval

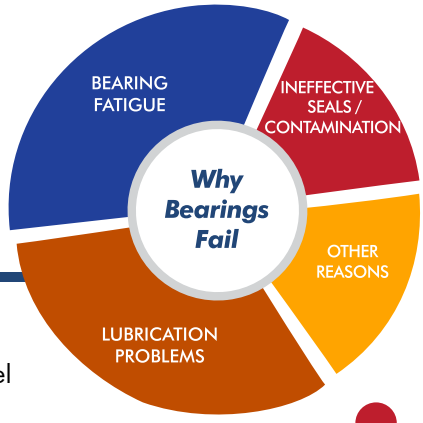
Bearing lubrication is essential to reduce friction, prevent wear, and to dissipate heat. The ambient environment and chemical composition greatly affect lubricant performance and bearing service life. Conventional lubricants degrade quickly at high temperatures and are too viscous in low temperatures. Synthetic lubricants have superior performance at extreme temperatures, provide excellent protection properties, and extended service life.



PCI Cam Followers are prefilled with the correct amount of premium synthetic lubricant. Increased relubrication access points result in greater installation and maintenance flexibility and convenience. To prevent premature failure, PCI strategically engineered the precision machined relube cross-holes opposite the load zone while still providing complete grease coverage of needles.

PCI Infinity Roller™ Technology offerings feature high performance grease to minimize downtime!

NEEDLE BEARINGS
CAM FOLLOWERS



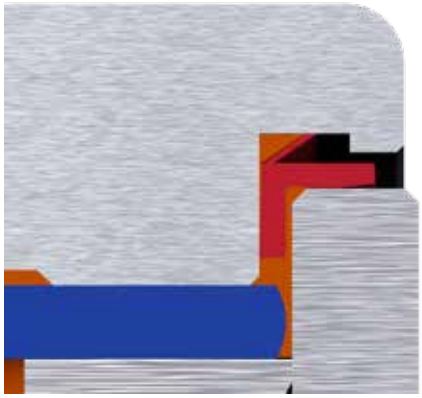
Effective Seal for Contaminant Prevention

PCI Infinity Roller™ Technology vented dual function, moly-filled nylon lip seal provides low level incidental thrust capacity, a lubricant reservoir and multifaceted contact points while excluding contaminants with minimal seal drag.

PCI Infinity Roller™ Technology seals are unmatched in the industry!



- Flexible multifaceted seal lip - is in contact with the roller body and has enhanced contaminant exclusion with minimal seal drag
- Relubrication channels/vents - ensure complete roller lubrication even when thrust load is present, in addition to creating a reservoir for lubricant to be stored in a potential sliding interface
- Molybdenum disulfide impregnation - continues to lubricate the seal with a dry solid lubricant even if no grease is present
- Thrust load carrying surface - the seal acts as a thrust washer to carry any incidental thrust loads



"Other" Improvements

Production Standards Perfected

PCI Infinity Roller™ production and management systems utilize principles of lean manufacturing, continuous improvement and employee engagement. Our production areas are routinely audited by Quality Control professionals, including Timken® and SKF® application engineers who have certified our assembly and storage areas, tooling, and processes to ensure proper handling as well as overall customer satisfaction. Our manufacturing teams pride themselves in producing quality products day in and day out.

Application Assistance Mastered:

To assist customers with their unique application, our staff engages in the specific details, evaluates and provides analysis of failure modes, and wear patterns as well as costs associated with routine maintenance, replacement cycles and performance. Our industry knowledge, coupled with our desire to help craft the most viable options, drive PCI to be your trusted advisor in proper bearing selection and mounting assistance for your application.

PCI continues to provide Solutions Through Innovation!

∞ | INFINITY ROLLER™ TECHNOLOGY

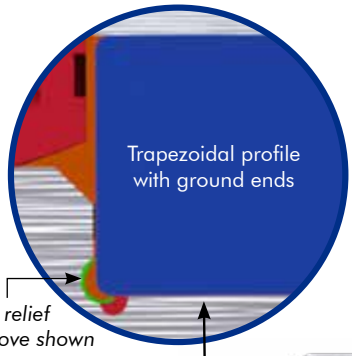
Solutions Through Innovation

Bearing

Bearing Fatigue Minimized

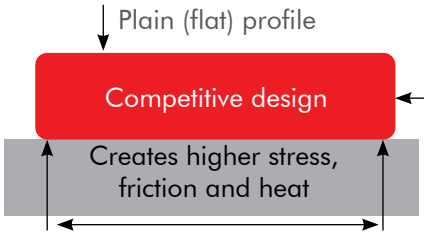
PCI Infinity Roller™ Technology DCB guided design features a unique controlled contour double cylindrical bearing profile configuration with the optimal quantity and size of guided rolling elements to ensure improved dimensional and running accuracy, less friction, cleaner bearing steels, and quieter operation.

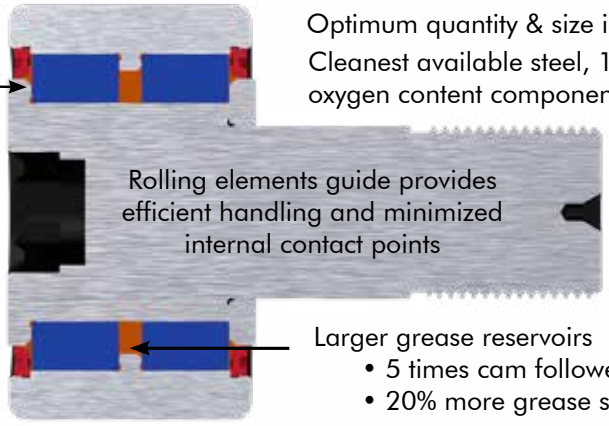
PCI Infinity Roller™ Technology offerings outlast all competitive products on the market!



PCI relief groove shown in green

PCI's Infinity rolling element is trapezoidal in profile with finish ground ends to minimize fatigue





Optimum quantity & size increases operating efficiency

Cleanest available steel, 100% degassing and the lowest oxygen content components.



Larger grease reservoirs

- 5 times cam follower grease storage
- 20% more grease storage than any other design

Lubricant

Lubricant – right lubricant, right quantity, right interval



Bearing lubrication is essential to reduce friction, prevent wear, and to dissipate heat. The ambient environment and chemical composition greatly affect lubricant performance and bearing service life. Conventional lubricants degrade quickly at high temperatures and are too viscous in low temperatures. Synthetic lubricants have superior performance at extreme temperatures, provide excellent protection properties, and extended service life.

As a result of the advanced bearing features, PCI Infinity Roller™ DCB rollers have lower operating temperatures, reduced friction, and additional grease reservoirs. That's 5 times a standard Cam Follower and 20 percent more lubricant storage than competitive DCB designs. PCI Infinity Roller™ DCB are prefilled with the proper amount of premium synthetic lubricant which exhibits better mechanical stability to help prevent slumping or leakage.

PCI Infinity Roller™ Technology offerings feature high performance grease to minimize downtime!

DOUBLE CYLINDRICAL ROLLER BEARINGS
DCB ROLLERS



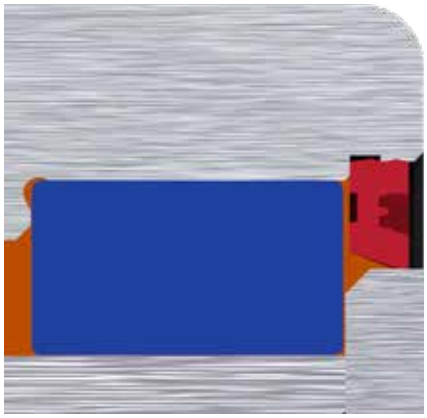
Effective Seal for Contaminant Prevention

PCI Infinity Roller™ Technology DCB's integral seal design not only creates an expanded grease barrier, but the unified seal/roller rotation provides slinger functionality to move contaminants away. Compared to hard plastic cam follower seals, these rubber lip contact seals have slightly higher seal drag but are more effective at excluding contaminants.

Infinity Roller™ Technology seals are unmatched in the industry!



- Multifaceted contact points for superior contaminant exclusion
- Expanded seal / grease barrier vs. competitive designs
- Slinger functionality-seal rotates with the roller body to move contaminants away
- Dual function nylon lip seals provide low-level thrust capacity



Seals

"Other" Improvements

Production Standards Perfected

PCI Infinity Roller™ production and management systems utilize principles of lean manufacturing, continuous improvement and employee engagement. Our production areas are routinely audited by Quality Control professionals, including Timken® and SKF® application engineers who have certified our assembly and storage areas, tooling, and processes to ensure proper handling as well as overall customer satisfaction. Our manufacturing teams pride themselves in producing quality products day in and day out.

Application Assistance Mastered:

To assist customers with their unique application, our staff engages in the specific details, evaluates and provides analysis of failure modes, and wear patterns as well as costs associated with routine maintenance, replacement cycles and performance. Our industry knowledge, coupled with our desire to help craft the most viable options, drive PCI to be your trusted advisor in proper bearing selection and mounting assistance for your application.

PCI continues to provide Solutions Through Innovation!

Other

∞ | INFINITY ROLLER™ TECHNOLOGY

Solutions Through Innovation

Bearing

Bearing Fatigue Minimized

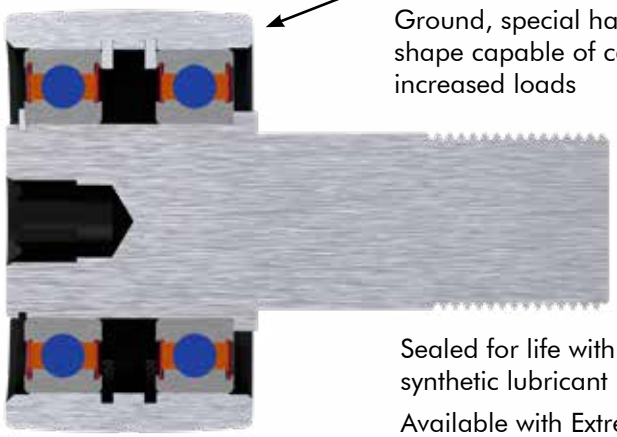
PCI Infinity Roller™ Technology Deep Groove Ball Bearing Rollers use SKF® Explorer series bearings. SKF® is committed to the use of the cleanest available steel (100% degassing and the lowest oxygen contents), high accuracy manufacturing technology (ISO class P6 standards), and unique heat treatment processes. These SKF® bearings have unmatched dimensional and running accuracy, utilizing specially ground harmonic shape raceways that can carry increased thrust loads while avoiding elliptic truncation. Altogether, the SKF® Explorer series bearings more effectively locate the shaft radially and axially and have lower contact and edge stress to reduce vibrations, wobble, and friction. The PCI and SKF partnership creates the longest service life ball bearing roller assemblies on the market.

PCI Infinity Roller™ Technology offerings outlast all competitive products on the market!

Cleanest available steel, 100% degassing and the lowest oxygen content components

ISO class P6 improved dimensional and running accuracy for more accurate & effective operation

Larger grease reservoirs



Unique heat treatment process for correct hardness and wear resistance

Ground, special harmonic shape capable of carrying increased loads

Sealed for life with premium synthetic lubricant

Available with Extreme Duty Solution options



Lubricant

Lubricant – right lubricant, right quantity, right interval

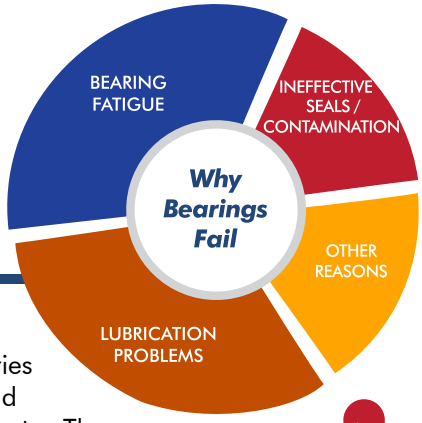


Bearing lubrication is essential to reduce friction, prevent wear, and to dissipate heat. The ambient environment and chemical composition greatly affect lubricant performance and bearing service life. Conventional lubricants degrade quickly at high temperatures and are too viscous in low temperatures. Synthetic lubricants have superior performance at extreme temperatures, provide excellent protection properties, and extended service life.

PCI Infinity Roller™ Technology Rollers utilize either bearings prefilled with the correct amount of premium synthetic lubricant which exhibits better mechanical stability to help prevent slumping or leakage by the bearing manufacturer, or are properly filled in house using Timken® and SKF® certification and criteria. PCI's XR and Track Roller series contain ball bearing offerings with precision cage surface finish and additional strength pocket design to maximize the lubricant effects to run 3 to 5 degrees cooler than other bearings.

PCI Infinity Roller™ Technology offerings feature high performance grease to minimize downtime!

BALL BEARINGS
XR ROLLERS AND TRACK ROLLERS



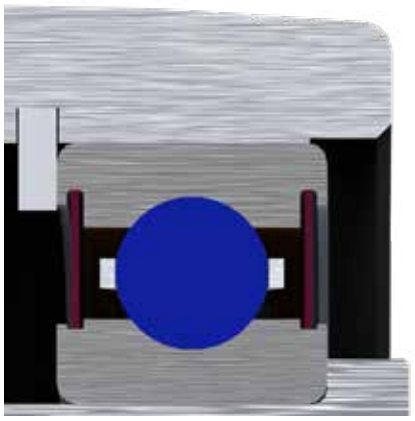
Effective Seal for Contaminant Prevention

PCI Infinity Roller™ Technology Deep Groove Ball Bearing Rolling elements contain SKF® RSH series seals where possible. These premier seals are in contact axially with the inner ring at the side and incorporates a secondary lip seal that can withstand high-pressure cleaning and prevents water entry. The contact pressure between this seal lip and the seal counterface increases when pressure is applied to the outside of the bearing, while the lip design itself prevents the seal from being pressed into the bearing. In addition, seals have radial slots in the tapered attachment. These provide the contact area between the seal lip and counterface with proper lubrication thereby enabling the grease to act as a third protection. SKF® RSH seals have slightly higher seal drag but are more effective at excluding contaminants.

Infinity Roller™ Technology SKF® RSH seals are unmatched in the industry!



- Multifaceted axial contact points for premier contaminant exclusion
- Secondary lip seal that can withstand high-pressure
- Triple protection area - seal / grease barrier
- Radial slots maintain contact pressure for proper placement while lubricating



Seals

"Other" Improvements

Production Standards Perfected

PCI Infinity Roller™ production and management systems utilize principles of lean manufacturing, continuous improvement and employee engagement. Our production areas are routinely audited by Quality Control professionals, including Timken® and SKF® application engineers who have certified our assembly and storage areas, tooling, and processes to ensure proper handling as well as overall customer satisfaction. Our manufacturing teams pride themselves in producing quality products day in and day out.

Application Assistance Mastered:

To assist customers with their unique application, our staff engages in the specific details, evaluates and provides analysis of failure modes, and wear patterns as well as costs associated with routine maintenance, replacement cycles and performance. Our industry knowledge, coupled with our desire to help craft the most viable options, drive PCI to be your trusted advisor in proper bearing selection and mounting assistance for your application.

PCI continues to provide Solutions Through Innovation!

Other

∞ | INFINITY ROLLER™ TECHNOLOGY

Solutions Through Innovation

Bearing

Bearing Fatigue Minimized

PCI Infinity Roller™ Technology Tapered Roller Bearing Assemblies use Timken® Matched Set Tapered Roller Bearings wherever possible. Timken® is a global industrial bearing leader and the pioneer of tapered roller bearings. Timken® uses the cleanest available steel for all load bearing components (rolling elements, cups, and cones), hold themselves to strict manufacturing standards (ISO and ABMA), and use time-tested heat treatment methods. Their advanced superfinishing manufacturing techniques increase wear resistance, help protect against shock and acceleration loads, and create uniform stress distribution along the full rolling element length. Timken's® advanced designs and practices reduce the risk of fatigue, wear, and likelihood of misalignment. The PCI and Timken® partnership results in the highest load capacity and longest bearing service life of tapered rollers available.

PCI Infinity Roller™ Technology offerings outlast all competitive products on the market!

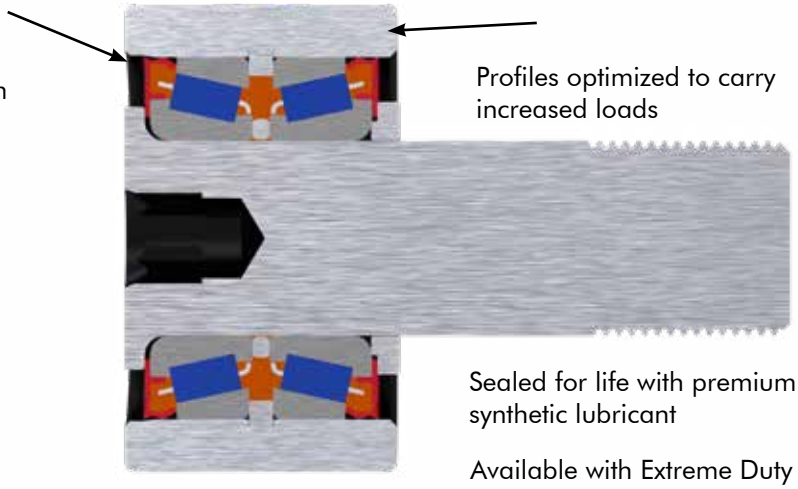
Cleanest available steel, and optimized heat treatment enhances fatigue life.

Advanced superfinishing technology creates smooth roller and race surfaces

Enhanced raceway and roller profiles for uniform stress distribution

Profiles optimized to carry increased loads

Larger grease reservoirs



Sealed for life with premium synthetic lubricant

Available with Extreme Duty Solution options



Lubricant

Lubricant – right lubricant, right quantity, right interval



Bearing lubrication is essential to reduce friction, prevent wear, and to dissipate heat. The ambient environment and chemical composition greatly affect lubricant performance and bearing service life. Conventional lubricants degrade quickly at high temperatures and are too viscous in low temperatures. Synthetic lubricants have superior performance at extreme temperatures, provide excellent protection properties, and extended service life.

PCI Infinity Roller™ Technology Rollers utilize either bearings prefilled with the correct amount of premium synthetic lubricant which exhibits better mechanical stability to help prevent slumping or leakage by the bearing manufacturer, or are properly filled in house using Timken® and SKF® certification and criteria. PCI's XR and Track Roller series offerings are sealed for life for low cost of maintenance and are also available in Extreme Duty Solution configurations.

PCI Infinity Roller™ Technology offerings feature high performance grease to minimize downtime!

TAPERED ROLLER BEARINGS
XR ROLLERS AND TRACK ROLLERS



Effective Seals for Contaminant Prevention

PCI Infinity Roller™ Technology Matched Set Tapered Roller Bearing elements contain Timken® Duo-Face Seals where possible. The one-piece cone and seal assembly has a double contact lip seal for extra protection. The seal case allows for superior seal retention on the cone rib. Vents are molded into the seal for relubrication capability with exceptional protection from debris – helping to extend product life and enhance bearing performance. DuoFace™ seals have slightly higher seal drag but are more effective at excluding contaminants.

Infinity Roller™ Technology Timken® Duo-Face Seals are unmatched in the industry!



- Multifaceted axial contact points for premier contaminant exclusion
- Double contact lip seal for extra protection
- One-piece cone and seal case assembly for superior seal retention on the cone rib
- Vents are molded into the seal for relubrication capability



Seals

"Other" Improvements

Production Standards Perfected

PCI Infinity Roller™ production and management systems utilize principles of lean manufacturing, continuous improvement and employee engagement. Our production areas are routinely audited by Quality Control professionals, including Timken® and SKF® application engineers who have certified our assembly and storage areas, tooling, and processes to ensure proper handling as well as overall customer satisfaction. Our manufacturing teams pride themselves in producing quality products day in and day out.

Application Assistance Mastered:

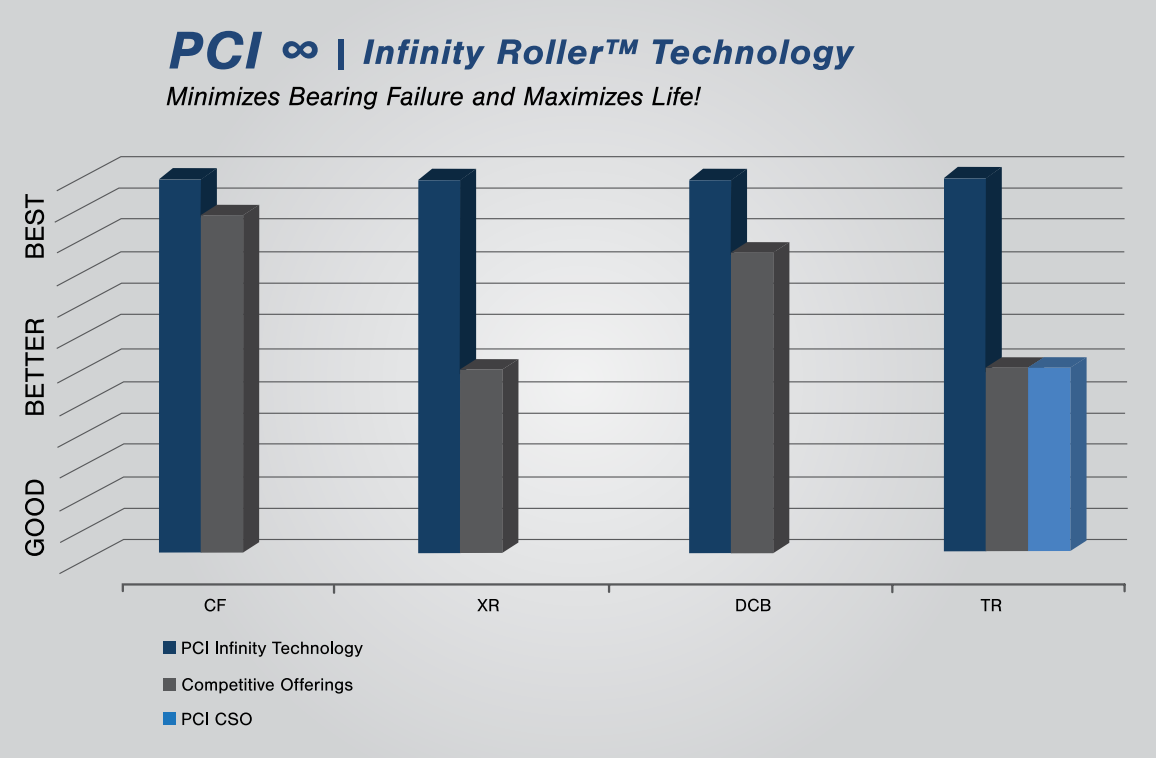
To assist customers with their unique application, our staff engages in the specific details, evaluates and provides analysis of failure modes, and wear patterns as well as costs associated with routine maintenance, replacement cycles and performance. Our industry knowledge, coupled with our desire to help craft the most viable options, drive PCI to be your trusted advisor in proper bearing selection and mounting assistance for your application.

PCI continues to provide Solutions Through Innovation!

Other

PCI's Solution Through Innovation

PCI has been developing Load Bearing Roller Assembly solutions for more than 40 years. An integral part of our success has been our commitment to understanding the ever-changing needs of our valued customers and developing solutions that turn application hurdles into success stories. It is this critical interaction that has fueled continual refinement, and improvement.



Minimizing Downtime

PCI designs are engineered to diminish costs associated with routine maintenance and replacement cycles, and perform in critical applications where decreased contamination and reduced downtime is a must.

PCI Infinity Rollers ™ surpass the life of other brands - lasting longer than every other roller.

Maximizing Life

PCI's premium lubricants, multifaceted seal designs, and industry-leading bearings form an unbeatable combination providing lower operating temperatures than competitive designs.

PCI Infinity Rollers ™ are targeted to deliver extended life.

Optimizing Design

PCI professionals will provide analysis and application guidance to resolve problematic demands. Our unrivaled pre-engineered rollers and custom designs are available weeks ahead of the competition with quality USA craftmanship.

PCI Infinity Roller™ Technology provides Solutions Through Innovation!

Solutions Through Innovation

YOUR TRUSTED ADVISOR

APPLICATION ASSISTANCE

Our experience and market research enables PCI to offer unique solutions that fulfill industry requirements including:

- Food Processing
- Marine
- Mining
- Petrochemical
- Lumber, Sawmill, Wood
- Steel and Metal Treatment
- And More!

PRODUCT KNOWLEDGE

PCI has a thorough understanding of what it takes to manufacture a successful product. PCI offers pre-engineered products, modified units or products engineered specifically for your needs. PCI provides you the maximum number of viable choices, so you can make the best decision for your economic and delivery requirements.

DELIVERY

Along with an innovative design, PCI ensures your application solution is available when you need it.

- Pre-Engineered - IN STOCK
- Customs - Quickest Delivery in the Industry
- Expedite Shipment Options are Available

WE'RE HERE TO HELP!

www.pcimfg.com
(989) 358-7070



SOLUTIONS THROUGH INNOVATION
for more than **40 YEARS!**



PCI®

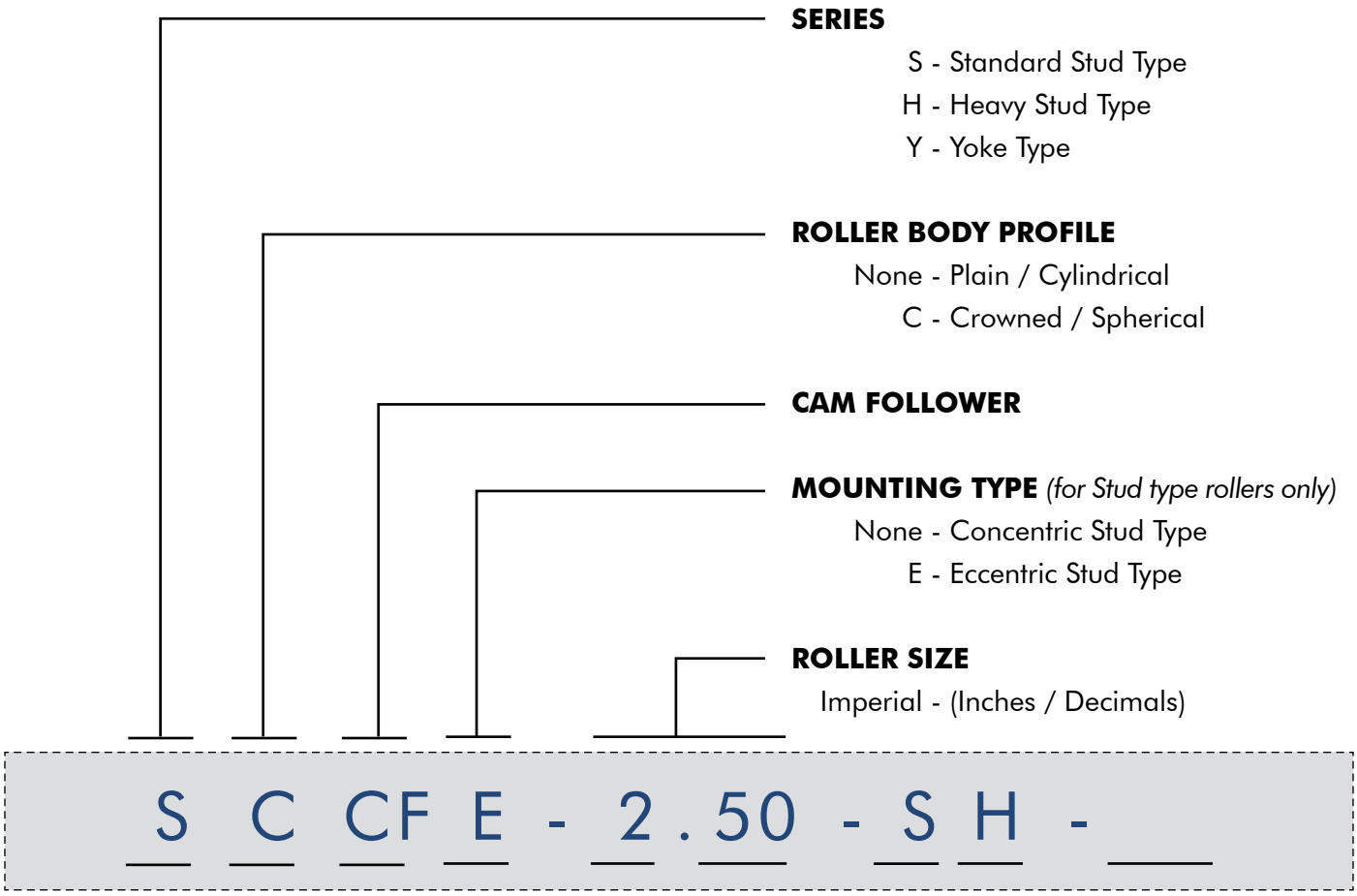
Solutions Through Innovation



LOAD BEARING ROLLER ASSEMBLIES
CAM FOLLOWERS



(989) 358-6148 | www.pcimfg.com



Standard Stud Type, Crowned, Cam Follower, 2.50" Roller Diameter, Sealed, with a Hex Socket

SEALING

S - Sealed

SLOT TYPE

None - Screwdriver Slot

H - Hex Socket

ALTERNATE FITTING

THT - Threaded Lubrication Fitting (Units 4" Diameter and Smaller)

CAM FOLLOWERS

Plain/Cylindrical - Stud and Yoke Type Needle Bearings

∞ | *Infinity Roller™ Technology*

PLAIN BODY PROFILE
is cylindrical in shape to effectively carry radial loads and commonly used on flat tracks.

HIGH RADIAL LOAD CAPABILITY
with limited thrust load or misalignment accommodation for a low cost offering.

HEAVY STUD OPTIONS
provide greater stud capacity coupled with shock load protection.

YOKE MOUNTING TYPES
feature easy installation slip fit bores to eliminate tedious installation methods.

Yoke image shown



FULL COMPLEMENT CONTOURED NEEDLE BEARINGS WITH SPHERICAL ENDS
feature a unique profile configuration. The optimal quantity combined with the size of rolling elements, along with relief grooves ensures quieter operation, reduces friction, lowers heat, and improves dimensional accuracy and running performance.

BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains the integrity of the assembly by preventing premature fracture under shock loads.

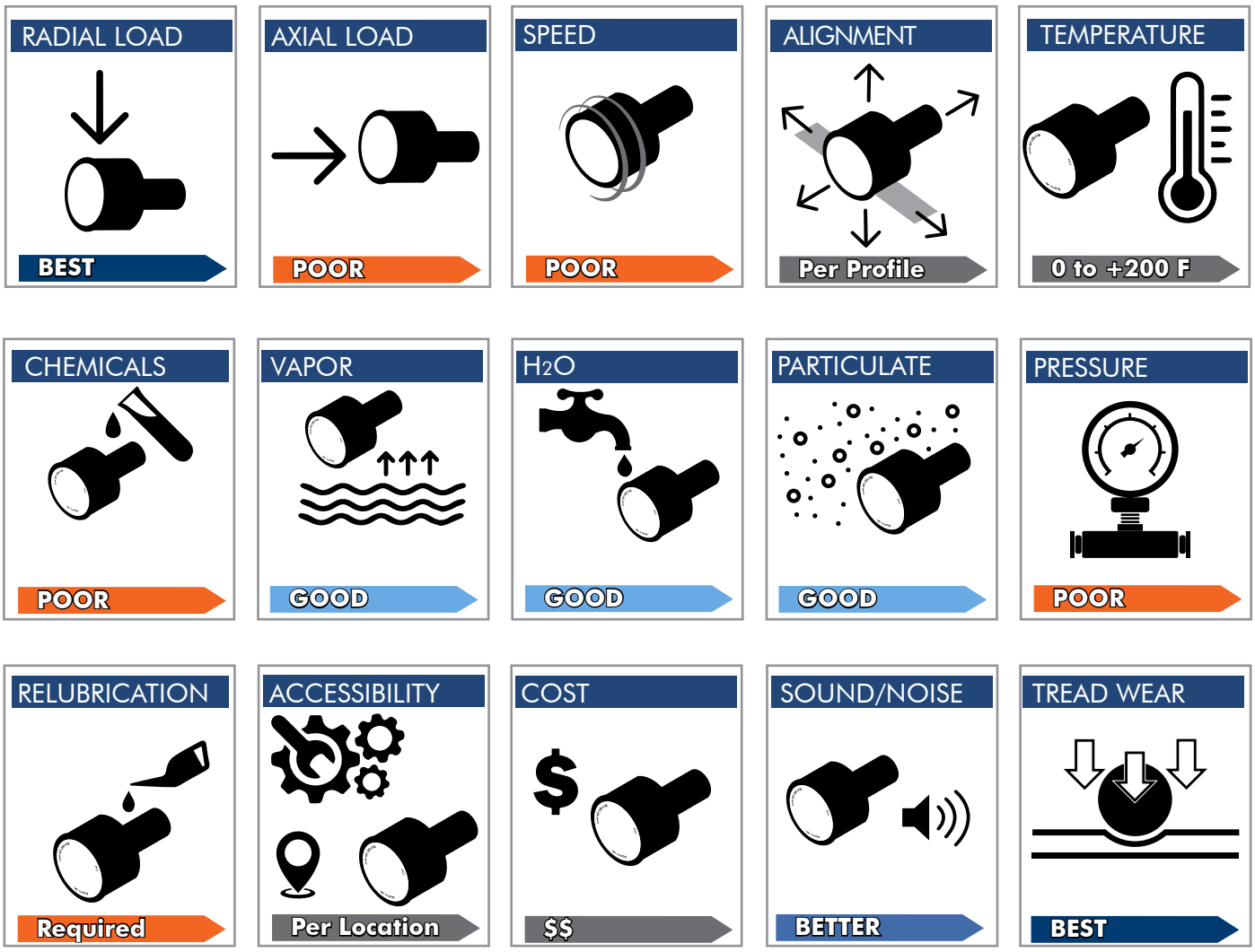
DUAL FUNCTION VENTED MOLY-FILLED NYLON LIP SEAL
provides low level incidental thrust capacity, a lubricant reservoir and multifaceted contact points while excluding contaminants with minimal seal drag.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

HIGH ALLOY BEARING STEEL STUD / INNER RACE
provides dependable performance under load.

TECHNICAL ASSISTANCE AND PRODUCT SELECTION

Application factors greatly impact proper selection and functionality of your load bearing roller assembly. If selection is conducted in haste, a load bearing roller assembly may be inadequately selected, leading to premature failure and costly downtime. This dashboard indicator will help you determine which PCI Load Bearing Roller Assembly is right for your unique application.



Dashboard Indicating Color Scale



SCF-S – CAM FOLLOWERS

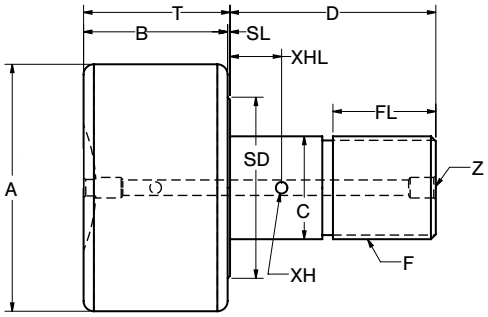
Plain/Cylindrical - Stud Concentric - Slot
Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	A	B	C	D	F	FL	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.	Dia.	Len.	Len. + Roller Width	Dia.	Loc.	
SCF-2.00-S	2.000	1.25	0.875	2.00	7/8 - 14	1.00	1.6	0.03	1.28	0.13	0.50	3/16 DRIVE
SCF-2.25-S	2.250	1.25	0.875	2.00	7/8 - 14	1.00	1.6	0.03	1.28	0.13	0.50	3/16 DRIVE
SCF-2.50-S	2.500	1.50	1.000	2.25	1 - 14	1.13	1.9	0.03	1.53	0.13	0.56	3/16 DRIVE
SCF-2.75-S	2.750	1.50	1.000	2.25	1 - 14	1.13	1.9	0.03	1.53	0.13	0.56	3/16 DRIVE
SCF-3.00-S	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	2.2	0.03	1.78	0.13	0.63	1/4 DRIVE
SCF-3.25-S	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	2.2	0.03	1.78	0.13	0.63	1/4 DRIVE
SCF-3.50-S	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	2.5	0.03	2.03	0.13	0.69	1/4 DRIVE
SCF-4.00-S	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	2.9	0.03	2.28	0.13	0.75	1/4 DRIVE

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





SCF-S – CAM FOLLOWERS

Plain/Cylindrical - Stud Concentric - Slot
Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
SCF-2.00-S	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.32
SCF-2.25-S	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.61
SCF-2.50-S	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.35
SCF-2.75-S	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.78
SCF-3.00-S	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.01
SCF-3.25-S	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.54
SCF-3.50-S	23,630	63,250	1,400	15,310	5,000	MFN Lip	FC Needle	6.04
SCF-4.00-S	30,270	89,540	1,300	17,700	5,000	MFN Lip	FC Needle	9.13



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
MFN: Molybdenum disulfide (MoS2) filled nylon material

BEARING TYPES:
FC NEEDLE: Full Complement Needle Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +200°F
High and Low temperature options are available.

Specifications subject to change without notice.

SCF-SH – CAM FOLLOWERS

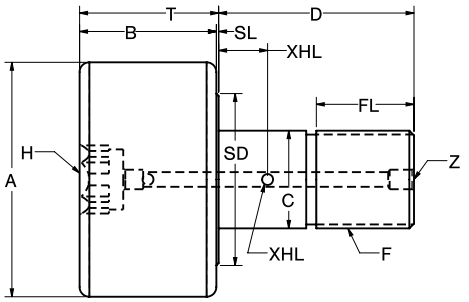
Plain/Cylindrical - Stud Concentric - Hex
Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		Hex Size	SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width	Dia.	Loc.	
SCF-2.00-SH	2.000	1.25	0.875	2.00	7/8 - 14	1.00	7/16	1.6	0.03	1.28	0.13	0.50	3/16 Drive†
SCF-2.00-SH-THT	2.000	1.25	0.875	2.00	7/8 - 14	1.00	7/16	1.6	0.03	1.28	-	-	1/8-27 NPT‡
SCF-2.25-SH	2.250	1.25	0.875	2.00	7/8 - 14	1.00	7/16	1.6	0.03	1.28	0.13	0.50	3/16 Drive†
SCF-2.25-SH-THT	2.250	1.25	0.875	2.00	7/8 - 14	1.00	7/16	1.6	0.03	1.28	-	-	1/8-27 NPT‡
SCF-2.50-SH	2.500	1.50	1.000	2.25	1 - 14	1.13	1/2	1.9	0.03	1.53	0.13	0.56	3/16 Drive†
SCF-2.50-SH-THT	2.500	1.50	1.000	2.25	1 - 14	1.13	1/2	1.9	0.03	1.53	-	-	1/8-27 NPT‡
SCF-2.75-SH	2.750	1.50	1.000	2.25	1 - 14	1.13	1/2	1.9	0.03	1.53	0.13	0.56	3/16 Drive†
SCF-2.75-SH-THT	2.750	1.50	1.000	2.25	1 - 14	1.13	1/2	1.9	0.03	1.53	-	-	1/8-27 NPT‡
SCF-3.00-SH	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	2.2	0.03	1.78	0.13	0.63	1/4 Drive
SCF-3.00-SH-THT	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	2.2	0.03	1.78	-	-	1/8-27 NPT
SCF-3.25-SH	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	2.2	0.03	1.78	0.13	0.63	1/4 Drive
SCF-3.25-SH-THT	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	2.2	0.03	1.78	-	-	1/8-27 NPT
SCF-3.50-SH	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	3/4	2.5	0.03	2.03	0.13	0.69	1/4 Drive
SCF-3.50-SH-THT	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	3/4	2.5	0.03	2.03	-	-	1/8-27 NPT
SCF-4.00-SH	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	3/4	2.9	0.03	2.28	0.13	0.75	1/4 Drive
SCF-4.00-SH-THT	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	3/4	2.9	0.03	2.28	-	-	1/8-27 NPT
SCF-5.00-SH	5.000	2.75	2.000	5.06	2 - 12	2.56	7/8	3.9	0.06	2.81	0.19	0.88	1/4-18 NPT
SCF-6.00-SH	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	1	4.9	0.06	3.31	0.19	1.00	1/4-18 NPT
SCF-7.00-SH	7.000	3.75	3.000	7.69	3 - 12	4.13	1 1/4	5.4	0.06	3.81	0.19	1.25	1/4-18 NPT
SCF-8.00-SH	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	1 1/4	6.4	0.13	5.13*	-	-	1/4-18 NPT
SCF-9.00-SH	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	1 1/4	7.4	0.13	5.63*	-	-	1/4-18 NPT
SCF-10.00-SH	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	1 1/4	7.4	0.13	6.13*	-	-	1/4-18 NPT

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
THT = Threaded Lubrication Fitting
† Lubrication through threaded end and cross hole only
‡ Lubrication through threaded end only
** Stud extends .750" beyond the roller body on end opposite the threads*





SCF-SH – CAM FOLLOWERS

Plain/Cylindrical - Stud Concentric - Hex Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
SCF-2.00-SH	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.32
SCF-2.00-SH-THT	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.32
SCF-2.25-SH	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.61
SCF-2.25-SH-THT	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.61
SCF-2.50-SH	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.35
SCF-2.50-SH-THT	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.35
SCF-2.75-SH	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.78
SCF-2.75-SH-THT	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.78
SCF-3.00-SH	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.01
SCF-3.00-SH-THT	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.01
SCF-3.25-SH	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.54
SCF-3.25-SH-THT	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.54
SCF-3.50-SH	23,630	63,250	1,400	15,310	5,000	MFN Lip	FC Needle	6.04
SCF-3.50-SH-THT	23,630	63,250	1,400	15,310	5,000	MFN Lip	FC Needle	6.04
SCF-4.00-SH	30,270	89,540	1,300	17,700	5,000	MFN Lip	FC Needle	9.13
SCF-4.00-SH-THT	30,270	89,540	1,300	17,700	5,000	MFN Lip	FC Needle	9.13
SCF-5.00-SH	53,590	135,900	1,000	34,040	5,000	MFN Lip	FC Needle	18.23
SCF-6.00-SH	61,690	160,900	800	56,450	5,000	MFN Lip	FC Needle	31.76
SCF-7.00-SH	81,860	213,860	700	84,740	5,000	MFN Lip	FC Needle	53.38
SCF-8.00-SH	111,400	288,200	560	80,020	5,000	MFN Lip	FC Needle	82.22
SCF-9.00-SH	151,400	366,860	500	112,010	5,000	MFN Lip	FC Needle	115.01
SCF-10.00-SH	160,480	431,130	450	149,750	5,000	MFN Lip	FC Needle	151.24



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
MFN: Molybdenum disulfide (MoS2) filled nylon material

BEARING TYPES:
FC NEEDLE: Full Complement Needle Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +200°F
High and Low temperature options are available.

Specifications subject to change without notice.

SCFE-S – CAM FOLLOWERS

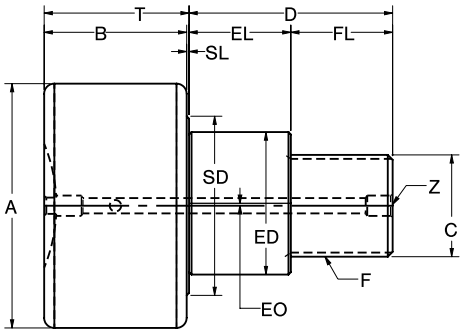
Plain/Cylindrical - Stud Eccentric - Slot
Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.	Dia.	Len.	Len. + Roller Width	
SCFE-2.00-S	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	1.6	0.03	1.28	3/16 Drive
SCFE-2.25-S	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	1.6	0.03	1.28	3/16 Drive
SCFE-2.50-S	2.500	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1.9	0.03	1.53	3/16 Drive
SCFE-2.75-S	2.750	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1.9	0.03	1.53	3/16 Drive
SCFE-3.00-S	3.000	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	2.2	0.03	1.78	1/4 Drive
SCFE-3.25-S	3.250	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	2.2	0.03	1.78	1/4 Drive
SCFE-3.50-S	3.500	2.00	1.375	2.75	1.812	1.38	0.06	1 3/8 - 12	1.38	2.5	0.03	2.03	1/4 Drive
SCFE-4.00-S	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	2.9	0.03	2.28	1/4 Drive

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





SCFE-S – CAM FOLLOWERS

Plain/Cylindrical - Stud Eccentric - Slot
Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
SCFE-2.00-S	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.45
SCFE-2.25-S	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.74
SCFE-2.50-S	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.55
SCFE-2.75-S	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.98
SCFE-3.00-S	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.35
SCFE-3.25-S	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.94
SCFE-3.50-S	23,630	63,250	1,400	15,310	5,000	MFN Lip	FC Needle	6.44
SCFE-4.00-S	30,270	89,540	1,300	17,700	5,000	MFN Lip	FC Needle	9.82



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
MFN: Molybdenum disulfide (MoS2) filled nylon material

BEARING TYPES:
FC NEEDLE: Full Complement Needle Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +200°F
High and Low temperature options are available.

Specifications subject to change without notice.

SCFE-SH – CAM FOLLOWERS

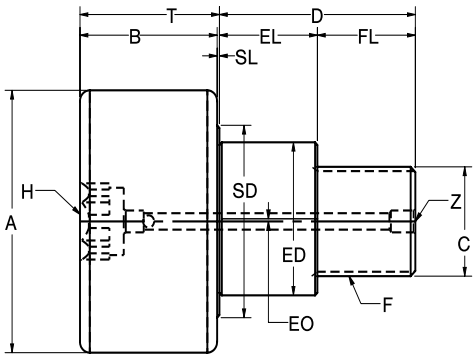
Plain/Cylindrical - Stud Eccentric - Hex
Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width	
SCFE-2.00-SH	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	7/16	1.6	0.03	1.28	3/16 Drive†
SCFE-2.00-SH-THT	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	7/16	1.6	0.03	1.28	1/8-27 NPT†
SCFE-2.25-SH	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	7/16	1.6	0.03	1.28	3/16 Drive†
SCFE-2.25-SH-THT	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	7/16	1.6	0.03	1.28	1/8-27 NPT†
SCFE-2.50-SH	2.500	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	1.9	0.03	1.53	3/16 Drive†
SCFE-2.50-SH-THT	2.500	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	1.9	0.03	1.53	1/8-27 NPT†
SCFE-2.75-SH	2.750	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	1.9	0.03	1.53	3/16 Drive†
SCFE-2.75-SH-THT	2.750	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	1.9	0.03	1.53	1/8-27 NPT†
SCFE-3.00-SH	3.000	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	2.2	0.03	1.78	1/4 Drive
SCFE-3.00-SH-THT	3.000	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	2.2	0.03	1.78	1/8-27 NPT
SCFE-3.25-SH	3.250	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	2.2	0.03	1.78	1/4 Drive
SCFE-3.25-SH-THT	3.250	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	2.2	0.03	1.78	1/8-27 NPT
SCFE-3.50-SH	3.500	2.00	1.375	2.75	1.812	1.38	0.06	1 3/8 - 12	1.38	3/4	2.5	0.03	2.03	1/4 Drive
SCFE-3.50-SH-THT	3.500	2.00	1.375	2.75	1.812	1.38	0.06	1 3/8 - 12	1.38	3/4	2.5	0.03	2.03	1/8-27 NPT
SCFE-4.00-SH	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	3/4	2.9	0.03	2.28	1/4 Drive
SCFE-4.00-SH-THT	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	3/4	2.9	0.03	2.28	1/8-27 NPT

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
THT = Threaded Lubrication Fitting
† Lubrication through threaded end only





SCFE-SH – CAM FOLLOWERS

Plain/Cylindrical - Stud Eccentric - Hex
Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
SCFE-2.00-SH	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.45
SCFE-2.00-SH-THT	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.45
SCFE-2.25-SH	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.74
SCFE-2.25-SH-THT	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.74
SCFE-2.50-SH	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.55
SCFE-2.50-SH-THT	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.55
SCFE-2.75-SH	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.98
SCFE-2.75-SH-THT	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.98
SCFE-3.00-SH	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.35
SCFE-3.00-SH-THT	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.35
SCFE-3.25-SH	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.94
SCFE-3.25-SH-THT	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.94
SCFE-3.50-SH	23,630	63,250	1,400	15,310	5,000	MFN Lip	FC Needle	6.44
SCFE-3.50-SH-THT	23,630	63,250	1,400	15,310	5,000	MFN Lip	FC Needle	6.44
SCFE-4.00-SH	30,270	89,540	1,300	17,700	5,000	MFN Lip	FC Needle	9.82
SCFE-4.00-SH-THT	30,270	89,540	1,300	17,700	5,000	MFN Lip	FC Needle	9.82



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
MFN: Molybdenum disulfide (MoS2) filled nylon material

BEARING TYPES:
FC NEEDLE: Full Complement Needle Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +200°F
High and Low temperature options are available.

Specifications subject to change without notice.

HCF-S – CAM FOLLOWERS

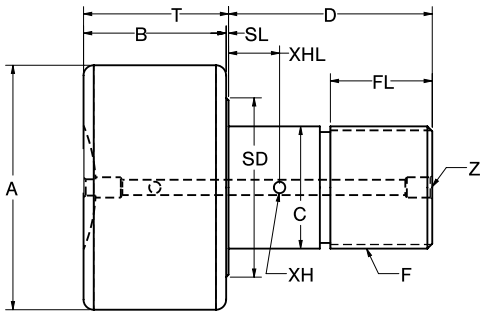
Plain/Cylindrical - Heavy Stud Concentric - Slot Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	A	B	C	D	F	FL	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.	Dia.	Len.	Len. + Roller Width	Dia.	Loc.	
HCF-2.00-S	2.000	1.25	1.125	2.00	1 1/8 - 12	1.00	1.6	0.03	1.28	0.13	0.50	3/16 Drive
HCF-2.25-S	2.250	1.25	1.125	2.00	1 1/8 - 12	1.00	1.6	0.03	1.28	0.13	0.50	3/16 Drive
HCF-2.50-S	2.500	1.50	1.250	2.25	1 1/4 - 12	1.13	1.9	0.03	1.53	0.13	0.56	3/16 Drive
HCF-2.75-S	2.750	1.50	1.250	2.25	1 1/4 - 12	1.13	1.9	0.03	1.53	0.13	0.56	3/16 Drive
HCF-3.00-S	3.000	1.75	1.500	2.50	1 1/2 - 12	1.31	2.2	0.03	1.78	0.13	0.63	1/4 Drive
HCF-3.25-S	3.250	1.75	1.500	2.50	1 1/2 - 12	1.31	2.2	0.03	1.78	0.13	0.63	1/4 Drive
HCF-3.50-S	3.500	2.00	1.750	2.75	1 3/4 - 12	1.38	2.5	0.03	2.03	0.13	0.69	1/4 Drive
HCF-4.00-S	4.000	2.25	2.000	3.50	2 - 12	1.69	2.9	0.03	2.28	0.13	0.75	1/4 Drive

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





HCF-S – CAM FOLLOWERS

Plain/Cylindrical - Heavy Stud Concentric - Slot Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
HCF-2.00-S	8,090	21,140	2,200	13300	1500	MFN Lip	FC Needle	1.53
HCF-2.25-S	8,090	21,140	2,200	13300	1500	MFN Lip	FC Needle	1.81
HCF-2.50-S	11,720	32,900	2,000	15270	2250	MFN Lip	FC Needle	2.61
HCF-2.75-S	11,720	32,900	2,000	15270	2250	MFN Lip	FC Needle	3.03
HCF-3.00-S	17,620	49,820	1,600	22670	3450	MFN Lip	FC Needle	4.38
HCF-3.25-S	17,620	49,820	1,600	22670	3450	MFN Lip	FC Needle	4.91
HCF-3.50-S	23,630	63,250	1,400	31030	5000	MFN Lip	FC Needle	6.73
HCF-4.00-S	30,270	89,540	1,300	41960	5000	MFN Lip	FC Needle	10.45



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
MFN: Molybdenum disulfide (MoS2) filled nylon material

BEARING TYPES:
FC NEEDLE: Full Complement Needle Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +200°F
High and Low temperature options are available.

Specifications subject to change without notice.

HCF-SH – CAM FOLLOWERS

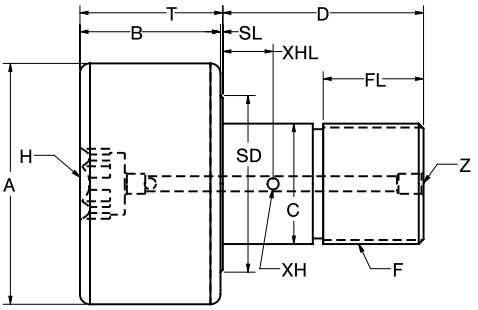
Plain/Cylindrical - Heavy Stud Concentric - Slot Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		Hex Size	SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width	Dia.	Loc.	
HCF-2.00-SH	2.000	1.25	1.125	2.00	1 1/8 - 12	1.00	7/16	1.6	0.03	1.28	0.13	0.50	3/16 Drivet
HCF-2.25-SH	2.250	1.25	1.125	2.00	1 1/8 - 12	1.00	7/16	1.6	0.03	1.28	0.13	0.50	3/16 Drivet
HCF-2.50-SH	2.500	1.50	1.250	2.25	1 1/4 - 12	1.13	1/2	1.9	0.03	1.53	0.13	0.56	3/16 Drivet
HCF-2.75-SH	2.750	1.50	1.250	2.25	1 1/4 - 12	1.13	1/2	1.9	0.03	1.53	0.13	0.56	3/16 Drivet
HCF-3.00-SH	3.000	1.75	1.500	2.50	1 1/2 - 12	1.31	3/4	2.2	0.03	1.78	0.13	0.63	1/4 Drive
HCF-3.25-SH	3.250	1.75	1.500	2.50	1 1/2 - 12	1.31	3/4	2.2	0.03	1.78	0.13	0.63	1/4 Drive
HCF-3.50-SH	3.500	2.00	1.750	2.75	1 3/4 - 12	1.38	3/4	2.5	0.03	2.03	0.13	0.69	1/4 Drive
HCF-4.00-SH	4.000	2.25	2.000	3.50	2 - 12	1.69	3/4	2.9	0.03	2.28	0.13	0.75	1/4 Drive
HCF-5.00-SH	5.000	2.75	2.500	5.06	2 1/2 - 12	2.56	7/8	3.9	0.06	2.81	0.19	0.88	1/4-18 NPT
HCF-6.00-SH	6.000	3.25	3.000	6.00	3 - 12	3.00	1	4.9	0.06	3.31	0.19	1.00	1/4-18 NPT
HCF-7.00-SH	7.000	3.75	3.500	7.69	3 1/2-4	4.13	1 1/4	5.4	0.06	3.81	0.19	1.25	1/4-18 NPT

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
† Lubrication through threaded end and cross hole only





HCF-SH – CAM FOLLOWERS

Plain/Cylindrical - Heavy Stud Concentric - Slot Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
HCF-2.00-SH	8,090	21,140	2,200	13,300	1,500	MFN Lip	FC Needle	1.53
HCF-2.25-SH	8,090	21,140	2,200	13,300	1,500	MFN Lip	FC Needle	1.81
HCF-2.50-SH	11,720	32,900	2,000	15,270	2,250	MFN Lip	FC Needle	2.61
HCF-2.75-SH	11,720	32,900	2,000	15,270	2,250	MFN Lip	FC Needle	3.03
HCF-3.00-SH	17,620	49,820	1,600	22,670	3,450	MFN Lip	FC Needle	4.38
HCF-3.25-SH	17,620	49,820	1,600	22,670	3,450	MFN Lip	FC Needle	4.91
HCF-3.50-SH	23,630	63,250	1,400	31,030	5,000	MFN Lip	FC Needle	6.73
HCF-4.00-SH	30,270	89,540	1,300	41,960	5,000	MFN Lip	FC Needle	10.45
HCF-5.00-SH	53,590	135,900	1,000	66,490	5,000	MFN Lip	FC Needle	20.71
HCF-6.00-SH	61,690	160,900	800	97,540	5,000	MFN Lip	FC Needle	35.34
HCF-7.00-SH	81,860	213,860	700	134,570	5,000	MFN Lip	FC Needle	58.19



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
MFN: Molybdenum disulfide (MoS2) filled nylon material

BEARING TYPES:
FC NEEDLE: Full Complement Needle Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +200°F
High and Low temperature options are available.

Specifications subject to change without notice.

YCF-S – CAM FOLLOWERS

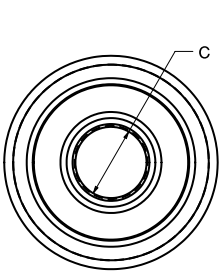
Plain/Cylindrical - Yoke Concentric Needle Bearings - Regreasable

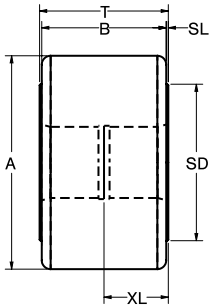
∞ Infinity Roller™ Technology

YOKE TYPE CAM FOLLOWER ∞ | PART NUMBER	A	B	C	SD	SL	T	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	SHOULDER		Inner Race Width +.005 -.010	Grease Groove Location	Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width		Dia.	Len.				
YCF-2.00-S	2.000	1.25	0.6250	1.6	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
YCF-2.25-S	2.250	1.25	0.6250	1.6	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
YCF-2.50-S	2.500	1.50	0.7500	1.9	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
YCF-2.75-S	2.750	1.50	0.7500	1.9	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
YCF-3.00-S	3.000	1.75	1.0000	2.2	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
YCF-3.25-S	3.250	1.75	1.0000	2.2	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
YCF-3.50-S	3.500	2.00	1.1250	2.5	0.03	2.063	1.03	YSH-1.125-R	YSHE-1.125-R
YCF-4.00-S	4.000	2.25	1.2500	2.9	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R
YCF-5.00-S	5.000	2.75	1.7500	3.9	0.06	2.875	1.44	YSH-1.750-R	YSHE-1.750-R
YCF-6.00-S	6.000	3.25	2.2500	4.9	0.06	3.375	1.69	YSH-2.250-R	YSHE-2.250-R
YCF-7.00-S	7.000	3.75	2.7500	5.4	0.06	3.875	1.94	YSH-2.750-R	YSHE-2.750-R
YCF-8.00-S	8.000	4.25	3.2550	6.4	0.13	4.500	2.25	YSH-3.250-R	-
YCF-9.00-S	9.000	4.75	3.7550	7.4	0.13	5.000	2.50	YSH-3.750-R	-
YCF-10.00-S	10.000	5.25	4.2550	7.4	0.13	5.500	2.75	YSH-4.250-R	-
YCF-12.00-S	12.000	5.25	4.2550	7.4	0.13	5.500	2.75	YSH-4.250-R	-
YCF-14.00-S	14.000	5.25	4.2550	7.4	0.13	5.500	2.75	YSH-4.250-R	-
YCF-16.00-S	16.000	5.25	4.2550	7.4	0.13	5.500	2.75	YSH-4.250-R	-
YCF-18.00-S	18.000	5.25	4.2550	7.4	0.13	5.500	2.75	YSH-4.250-R	-
YCF-20.00-S	20.000	5.25	4.2550	7.4	0.13	5.500	2.75	YSH-4.250-R	-

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly







YCF-S – CAM FOLLOWERS

Plain/Cylindrical - Yoke Concentric Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE CAM FOLLOWER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
YCF-2.00-S	8,090	21,140	1,570	MFN Lip	FC Needle	0.91
YCF-2.25-S	8,090	21,140	1,570	MFN Lip	FC Needle	1.20
YCF-2.50-S	11,720	32,900	1,310	MFN Lip	FC Needle	1.72
YCF-2.75-S	11,720	32,900	1,310	MFN Lip	FC Needle	2.15
YCF-3.00-S	17,620	49,820	1,060	MFN Lip	FC Needle	2.83
YCF-3.25-S	17,620	49,820	1,060	MFN Lip	FC Needle	3.41
YCF-3.50-S	23,630	63,250	980	MFN Lip	FC Needle	4.48
YCF-4.00-S	30,270	89,540	940	MFN Lip	FC Needle	6.73
YCF-5.00-S	53,590	135,900	720	MFN Lip	FC Needle	12.49
YCF-6.00-S	61,690	160,900	590	MFN Lip	FC Needle	20.72
YCF-7.00-S	81,860	213,860	520	MFN Lip	FC Needle	32.61
YCF-8.00-S	111,400	288,200	450	MFN Lip	FC Needle	47.46
YCF-9.00-S	151,400	366,860	400	MFN Lip	FC Needle	65.68
YCF-10.00-S	160,480	431,130	360	MFN Lip	FC Needle	89.56
YCF-12.00-S	160,480	431,130	300	MFN Lip	FC Needle	140.00
YCF-14.00-S	160,480	431,130	257	MFN Lip	FC Needle	199.62
YCF-16.00-S	160,480	431,130	225	MFN Lip	FC Needle	268.41
YCF-18.00-S	160,480	431,130	200	MFN Lip	FC Needle	346.83
YCF-20.00-S	160,480	431,130	180	MFN Lip	FC Needle	433.53



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
MFN: Molybdenum disulfide (MoS2) filled nylon material

BEARING TYPES:
FC NEEDLE: Full Complement Needle Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +200°F
High and Low temperature options are available.

Specifications subject to change without notice.

Intentional Blank Page

CAM FOLLOWERS

Crowned/Spherical - Stud and Yoke Type Needle Bearings

∞ | *Infinity Roller™ Technology*

CROWNED BODY PROFILE
is spherical in shape to effectively carry radial loads and used on flat tracks.

HIGH RADIAL LOAD CAPABILITY
with limited thrust load or misalignment accommodation for a low cost offering.

HEAVY STUD OPTIONS
provide greater stud capacity coupled with shock load protection.

YOKE MOUNTING TYPES
feature easy installation slip fit bores to eliminate tedious installation methods.

Crown is exaggerated for illustration only.
Yoke image shown



FULL COMPLEMENT CONTOURED NEEDLE BEARINGS WITH SPHERICAL ENDS
feature a unique profile configuration. The optimal quantity combined with the size of rolling elements, along with relief grooves ensures quieter operation, reduces friction, lowers heat, and improves dimensional accuracy and running performance.

BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains the integrity of the assembly by preventing premature fracture under shock loads.

DUAL FUNCTION VENTED MOLY-FILLED NYLON LIP SEAL
provides low level incidental thrust capacity, a lubricant reservoir andmultifaceted contact points while excluding contaminants with minimal seal drag.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

HIGH ALLOY BEARING STEEL STUD / INNER RACE
provides dependable performance under load.

SCCF-S – CAM FOLLOWERS

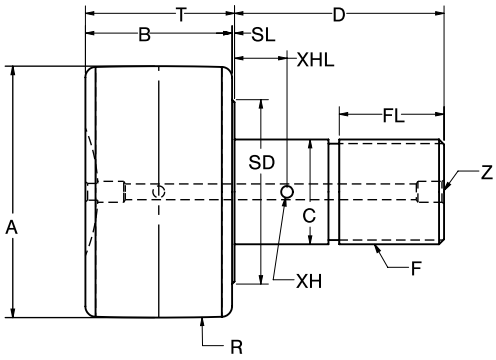
Crowned/Spherical - Stud Concentric - Slot
Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	A	B	C	D	F	FL	R	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		Crown Radius	SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width	Dia.	Loc.	
SCCF-2.00-S	2.000	1.25	0.875	2.00	7/8 - 14	1.00	24	1.6	0.03	1.28	0.13	0.50	3/16 Drive
SCCF-2.25-S	2.250	1.25	0.875	2.00	7/8 - 14	1.00	24	1.6	0.03	1.28	0.13	0.50	3/16 Drive
SCCF-2.50-S	2.500	1.50	1.000	2.25	1 - 14	1.13	30	1.9	0.03	1.53	0.13	0.56	3/16 Drive
SCCF-2.75-S	2.750	1.50	1.000	2.25	1 - 14	1.13	30	1.9	0.03	1.53	0.13	0.56	3/16 Drive
SCCF-3.00-S	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	30	2.2	0.03	1.78	0.13	0.63	1/4 Drive
SCCF-3.25-S	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	30	2.2	0.03	1.78	0.13	0.63	1/4 Drive
SCCF-3.50-S	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	30	2.5	0.03	2.03	0.13	0.69	1/4 Drive
SCCF-4.00-S	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	30	2.9	0.03	2.28	0.13	0.75	1/4 Drive



PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly



SCCF-S – CAM FOLLOWERS

Crowned/Spherical - Stud Concentric - Slot
Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
SCCF-2.00-S	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.30
SCCF-2.25-S	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.58
SCCF-2.50-S	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.34
SCCF-2.75-S	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.76
SCCF-3.00-S	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	3.91
SCCF-3.25-S	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.51
SCCF-3.50-S	23,630	63,250	1,400	15,310	5,000	MFN Lip	FC Needle	5.99
SCCF-4.00-S	30,270	89,540	1,300	17,700	5,000	MFN Lip	FC Needle	8.97



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
MFN: Molybdenum disulfide (MoS2) filled nylon material

BEARING TYPES:
FC NEEDLE: Full Complement Needle Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +200°F
High and Low temperature options are available.

Specifications subject to change without notice.

SCCF-SH – CAM FOLLOWER

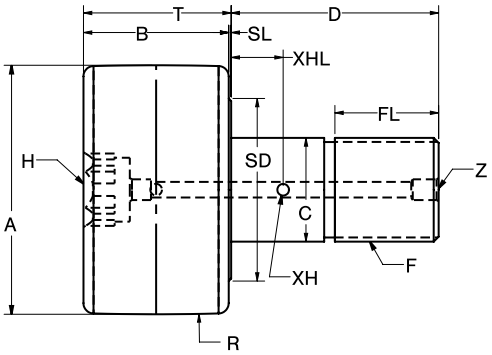
Crowned/Spherical - Stud Concentric - Hex
Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width	Dia.	Loc.	
SCCF-2.00-SH	2.000	1.25	0.875	2.00	7/8 - 14	1.00	7/16	24	1.6	0.03	1.28	0.13	0.50	3/16 Drivet
SCCF-2.00-SH-THT	2.000	1.25	0.875	2.00	7/8 - 14	1.00	7/16	24	1.6	0.03	1.28	-	-	1/8-27 NPT‡
SCCF-2.25-SH	2.250	1.25	0.875	2.00	7/8 - 14	1.00	7/16	24	1.6	0.03	1.28	0.13	0.50	3/16 Drivet
SCCF-2.25-SH-THT	2.250	1.25	0.875	2.00	7/8 - 14	1.00	7/16	24	1.6	0.03	1.28	-	-	1/8-27 NPT‡
SCCF-2.50-SH	2.500	1.50	1.000	2.25	1 - 14	1.13	1/2	30	1.9	0.03	1.53	0.13	0.56	3/16 Drivet
SCCF-2.50-SH-THT	2.500	1.50	1.000	2.25	1 - 14	1.13	1/2	30	1.9	0.03	1.53	-	-	1/8-27 NPT‡
SCCF-2.75-SH	2.750	1.50	1.000	2.25	1 - 14	1.13	1/2	30	1.9	0.03	1.53	0.13	0.56	3/16 Drivet
SCCF-2.75-SH-THT	2.750	1.50	1.000	2.25	1 - 14	1.13	1/2	30	1.9	0.03	1.53	-	-	1/8-27 NPT‡
SCCF-3.00-SH	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	30	2.2	0.03	1.78	0.13	0.63	1/4 Drive
SCCF-3.00-SH-THT	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	30	2.2	0.03	1.78	0.13	0.63	1/8-27 NPT
SCCF-3.25-SH	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	30	2.2	0.03	1.78	0.13	0.63	1/4 Drive
SCCF-3.25-SH-THT	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	30	2.2	0.03	1.78	0.13	0.63	1/8-27 NPT
SCCF-3.50-SH	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	3/4	30	2.5	0.03	2.03	0.13	0.69	1/4 Drive
SCCF-3.50-SH-THT	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	3/4	30	2.5	0.03	2.03	0.13	0.69	1/8-27 NPT
SCCF-4.00-SH	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	3/4	30	2.9	0.03	2.28	0.13	0.75	1/4 Drive
SCCF-4.00-SH-THT	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	3/4	30	2.9	0.03	2.28	0.13	0.75	1/8-27 NPT
SCCF-5.00-SH	5.000	2.75	2.000	5.06	2 - 12	2.56	7/8	48	3.9	0.06	2.81	0.19	0.88	1/4-18 NPT
SCCF-6.00-SH	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	1	56	4.9	0.06	3.31	0.19	1.00	1/4-18 NPT
SCCF-7.00-SH	7.000	3.75	3.000	7.69	3 - 12	4.13	1 1/4	60	5.4	0.06	3.81	0.19	1.25	1/4-18 NPT
SCCF-8.00-SH	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	1 1/4	40	6.4	0.13	5.13*	-	-	1/4-18 NPT
SCCF-9.00-SH	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	1 1/4	40	7.4	0.13	5.63*	-	-	1/4-18 NPT
SCCF-10.00-SH	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	1 1/4	40	7.4	0.13	6.13*	-	-	1/4-18 NPT





PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
THT = Threaded Lubrication Fitting
† Lubrication through threaded end and cross hole only
‡ Lubrication through threaded end only
** Stud extends .750" beyond the roller body on end opposite the threads*

SCCF-SH – CAM FOLLOWER

Crowned/Spherical - Stud Concentric - Hex Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
SCCF-2.00-SH	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.30
SCCF-2.00-SH-THT	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.30
SCCF-2.25-SH	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.58
SCCF-2.25-SH-THT	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.58
SCCF-2.50-SH	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.34
SCCF-2.50-SH-THT	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.34
SCCF-2.75-SH	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.76
SCCF-2.75-SH-THT	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.76
SCCF-3.00-SH	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	3.91
SCCF-3.00-SH-THT	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	3.91
SCCF-3.25-SH	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.51
SCCF-3.25-SH-THT	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.51
SCCF-3.50-SH	23,630	63,250	1,400	15,310	5,000	MFN Lip	FC Needle	5.99
SCCF-3.50-SH-THT	23,630	63,250	1,400	15,310	5,000	MFN Lip	FC Needle	5.99
SCCF-4.00-SH	30,270	89,540	1,300	17,700	5,000	MFN Lip	FC Needle	8.97
SCCF-4.00-SH-THT	30,270	89,540	1,300	17,700	5,000	MFN Lip	FC Needle	8.97
SCCF-5.00-SH	53,590	135,900	1,000	34,040	5,000	MFN Lip	FC Needle	18.16
SCCF-6.00-SH	61,690	160,900	800	56,450	5,000	MFN Lip	FC Needle	31.66
SCCF-7.00-SH	81,860	213,860	700	84,740	5,000	MFN Lip	FC Needle	52.93
SCCF-8.00-SH	111,400	288,200	560	80,020	5,000	MFN Lip	FC Needle	81.61
SCCF-9.00-SH	151,400	366,860	500	112,010	5,000	MFN Lip	FC Needle	114.15
SCCF-10.00-SH	160,480	431,130	450	149,750	5,000	MFN Lip	FC Needle	150.38



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
MFN: Molybdenum disulfide (MoS2) filled nylon material

BEARING TYPES:
FC NEEDLE: Full Complement Needle Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +200°F
High and Low temperature options are available.

Specifications subject to change without notice.

SCCFE-S – CAM FOLLOWER

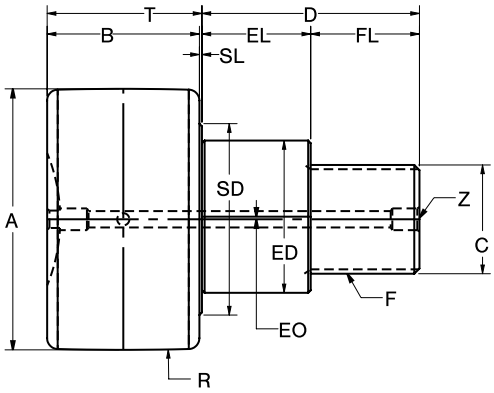
Crowned/Spherical - Stud Eccentric - Slot
Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	R	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Crown Radius	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width	
SCCFE-2.00-S	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	24	1.6	0.03	1.28	3/16 Drive
SCCFE-2.25-S	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	24	1.6	0.03	1.28	3/16 Drive
SCCFE-2.50-S	2.500	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	30	1.9	0.03	1.53	3/16 Drive
SCCFE-2.75-S	2.750	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	30	1.9	0.03	1.53	3/16 Drive
SCCFE-3.00-S	3.000	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	30	2.2	0.03	1.78	1/4 Drive
SCCFE-3.25-S	3.250	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	30	2.2	0.03	1.78	1/4 Drive
SCCFE-3.50-S	3.500	2.00	1.375	2.75	1.812	1.38	0.06	1 3/8 - 12	1.38	30	2.5	0.03	2.03	1/4 Drive
SCCFE-4.00-S	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	30	2.9	0.03	2.28	1/4 Drive

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





SCCFE-S – CAM FOLLOWER

Crowned/Spherical - Stud Eccentric - Slot Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
SCCFE-2.00-S	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.43
SCCFE-2.25-S	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.72
SCCFE-2.50-S	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.54
SCCFE-2.75-S	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.96
SCCFE-3.00-S	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.25
SCCFE-3.25-S	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.91
SCCFE-3.50-S	23,630	63,250	1,400	15,310	5,000	MFN Lip	FC Needle	6.39
SCCFE-4.00-S	30,270	89,540	1,300	17,700	5,000	MFN Lip	FC Needle	9.82



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
MFN: Molybdenum disulfide (MoS2) filled nylon material

BEARING TYPES:
FC NEEDLE: Full Complement Needle Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +200°F
High and Low temperature options are available.

Specifications subject to change without notice.

SCCFE-SH – CAM FOLLOWER

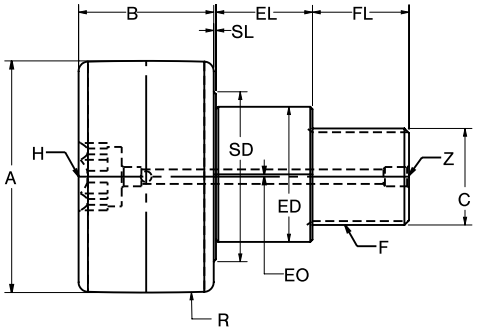
Crowned/Spherical - Stud Eccentric - Hex
Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width	
SCCFE-2.00-SH	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	7/16	24	1.6	0.03	1.28	3/16 Drivet
SCCFE-2.00-SH-THT	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	7/16	24	1.6	0.03	1.28	1/8-27 NPT†
SCCFE-2.25-SH	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	7/16	24	1.6	0.03	1.28	3/16 Drivet
SCCFE-2.25-SH-THT	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	7/16	24	1.6	0.03	1.28	1/8-27 NPT†
SCCFE-2.50-SH	2.500	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	30	1.9	0.03	1.53	3/16 Drivet
SCCFE-2.50-SH-THT	2.500	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	30	1.9	0.03	1.53	1/8-27 NPT†
SCCFE-2.75-SH	2.750	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	30	1.9	0.03	1.53	3/16 Drivet
SCCFE-2.75-SH-THT	2.750	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	30	1.9	0.03	1.53	1/8-27 NPT†
SCCFE-3.00-SH	3.000	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	30	2.2	0.03	1.78	1/4 Drive
SCCFE-3.00-SH-THT	3.000	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	30	2.2	0.03	1.78	1/8-27 NPT
SCCFE-3.25-SH	3.250	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	30	2.2	0.03	1.78	1/4 Drive
SCCFE-3.25-SH-THT	3.250	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	30	2.2	0.03	1.78	1/8-27 NPT
SCCFE-3.50-SH	3.500	2.00	1.375	2.75	1.812	1.38	0.06	1 3/8 - 12	1.38	3/4	30	2.5	0.03	2.03	1/4 Drive
SCCFE-3.50-SH-THT	3.500	2.00	1.375	2.75	1.812	1.38	0.06	1 3/8 - 12	1.38	3/4	30	2.5	0.03	2.03	1/8-27 NPT
SCCFE-4.00-SH	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	3/4	30	2.9	0.03	2.28	1/4 Drive
SCCFE-4.00-SH-THT	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	3/4	30	2.9	0.03	2.28	1/8-27 NPT

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
THT = Threaded Lubrication Fitting
†Lubrication through threaded end and cross hole only





SCCFE-SH – CAM FOLLOWER

Crowned/Spherical - Stud Eccentric - Hex Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
SCCFE-2.00-SH	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.43
SCCFE-2.00-SH-THT	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.43
SCCFE-2.25-SH	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.72
SCCFE-2.25-SH-THT	8,090	21,140	2,200	6,260	1,200	MFN Lip	FC Needle	1.72
SCCFE-2.50-SH	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.54
SCCFE-2.50-SH-THT	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.54
SCCFE-2.75-SH	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.96
SCCFE-2.75-SH-THT	11,720	32,900	2,000	7,820	2,250	MFN Lip	FC Needle	2.96
SCCFE-3.00-SH	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.25
SCCFE-3.00-SH-THT	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.25
SCCFE-3.25-SH	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.91
SCCFE-3.25-SH-THT	17,620	49,820	1,600	13,120	2,250	MFN Lip	FC Needle	4.91
SCCFE-3.50-SH	23,630	63,250	1,400	15,310	5,000	MFN Lip	FC Needle	6.39
SCCFE-3.50-SH-THT	23,630	63,250	1,400	15,310	5,000	MFN Lip	FC Needle	6.39
SCCFE-4.00-SH	30,270	89,540	1,300	17,700	5,000	MFN Lip	FC Needle	9.82
SCCFE-4.00-SH-THT	30,270	89,540	1,300	17,700	5,000	MFN Lip	FC Needle	9.82



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
MFN: Molybdenum disulfide (MoS2) filled nylon material

BEARING TYPES:
FC NEEDLE: Full Complement Needle Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +200°F
High and Low temperature options are available.

Specifications subject to change without notice.

HCCF-S – CAM FOLLOWER

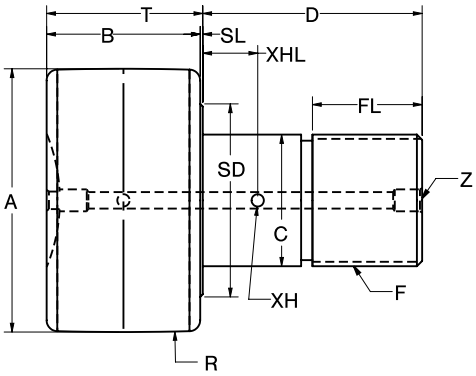
Crowned/Spherical - Heavy Stud Concentric - Slot Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	A	B	C	D	F	FL	R	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		Crown Radius	SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width	Dia.	Location	
HCCF-2.00-S	2.000	1.25	1.125	2.00	1 1/8 - 12	1.00	24	1.6	0.03	1.28	0.13	0.50	3/16 Drive
HCCF-2.25-S	2.250	1.25	1.125	2.00	1 1/8 - 12	1.00	24	1.6	0.03	1.28	0.13	0.50	3/16 Drive
HCCF-2.50-S	2.500	1.50	1.250	2.25	1 1/4 - 12	1.13	30	1.9	0.03	1.53	0.13	0.56	3/16 Drive
HCCF-2.75-S	2.750	1.50	1.250	2.25	1 1/4 - 12	1.13	30	1.9	0.03	1.53	0.13	0.56	3/16 Drive
HCCF-3.00-S	3.000	1.75	1.500	2.50	1 1/2 - 12	1.31	30	2.2	0.03	1.78	0.13	0.63	1/4 Drive
HCCF-3.25-S	3.250	1.75	1.500	2.50	1 1/2 - 12	1.31	30	2.2	0.03	1.78	0.13	0.63	1/4 Drive
HCCF-3.50-S	3.500	2.00	1.750	2.75	1 3/4 - 12	1.38	30	2.5	0.03	2.03	0.13	0.69	1/4 Drive
HCCF-4.00-S	4.000	2.25	2.000	3.50	2 - 12	1.69	30	2.9	0.03	2.28	0.13	0.75	1/4 Drive

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





HCCF-S – CAM FOLLOWER

Crowned/Spherical - Heavy Stud Concentric - Slot Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
HCCF-2.00-S	8,090	21,140	2,200	13,300	1,500	MFN Lip	FC Needle	1.51
HCCF-2.25-S	8,090	21,140	2,200	13,300	1,500	MFN Lip	FC Needle	1.78
HCCF-2.50-S	11,720	32,900	2,000	15,270	2,250	MFN Lip	FC Needle	2.59
HCCF-2.75-S	11,720	32,900	2,000	15,270	2,250	MFN Lip	FC Needle	3.01
HCCF-3.00-S	17,620	49,820	1,600	22,670	3,450	MFN Lip	FC Needle	4.28
HCCF-3.25-S	17,620	49,820	1,600	22,670	3,450	MFN Lip	FC Needle	4.88
HCCF-3.50-S	23,630	63,250	1,400	31,030	5,000	MFN Lip	FC Needle	6.68
HCCF-4.00-S	30,270	89,540	1,300	41,960	5,000	MFN Lip	FC Needle	10.29



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
MFN: Molybdenum disulfide (MoS2) filled nylon material

BEARING TYPES:
FC NEEDLE: Full Complement Needle Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +200°F
High and Low temperature options are available.

Specifications subject to change without notice.

HCCF-SH – CAM FOLLOWER

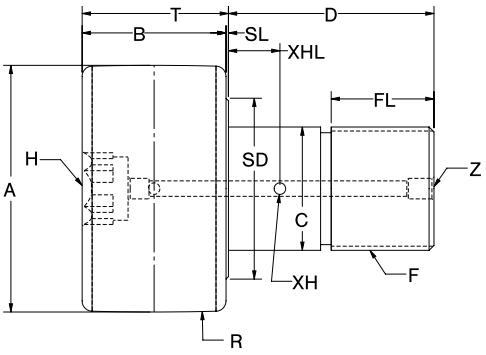
Crowned/Spherical - Heavy Stud Concentric - Hex Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width	Dia.	Location	
HCCF-2.00-SH	2.000	1.25	1.125	2.00	1 1/8 - 12	1.00	7/16	24	1.6	0.03	1.28	0.13	0.50	3/16 Drivet
HCCF-2.25-SH	2.250	1.25	1.125	2.00	1 1/8 - 12	1.00	7/16	24	1.6	0.03	1.28	0.13	0.50	3/16 Drivet
HCCF-2.50-SH	2.500	1.50	1.250	2.25	1 1/4 - 12	1.13	1/2	30	1.9	0.03	1.53	0.13	0.56	3/16 Drivet
HCCF-2.75-SH	2.750	1.50	1.250	2.25	1 1/4 - 12	1.13	1/2	30	1.9	0.03	1.53	0.13	0.56	3/16 Drivet
HCCF-3.00-SH	3.000	1.75	1.500	2.50	1 1/2 - 12	1.31	3/4	30	2.2	0.03	1.78	0.13	0.63	1/4 Drive
HCCF-3.25-SH	3.250	1.75	1.500	2.50	1 1/2 - 12	1.31	3/4	30	2.2	0.03	1.78	0.13	0.63	1/4 Drive
HCCF-3.50-SH	3.500	2.00	1.750	2.75	1 3/4 - 12	1.38	3/4	30	2.5	0.03	2.03	0.13	0.69	1/4 Drive
HCCF-4.00-SH	4.000	2.25	2.000	3.50	2 - 12	1.69	3/4	30	2.9	0.03	2.28	0.13	0.75	1/4 Drive
HCCF-5.00-SH	5.000	2.75	2.500	5.06	2 1/2 - 12	2.56	7/8	48	3.9	0.06	2.81	0.19	0.88	1/4-18 NPT
HCCF-6.00-SH	6.000	3.25	3.000	6.00	3 - 12	3.00	1	56	4.9	0.06	3.31	0.19	1.00	1/4-18 NPT
HCCF-7.00-SH	7.000	3.75	3.500	7.69	3 1/2-4	4.13	1 1/4	60	5.4	0.06	3.81	0.19	1.25	1/4-18 NPT

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
†Lubrication through threaded end and cross hole only





HCCF-SH – CAM FOLLOWER

Crowned/Spherical - Heavy Stud Concentric - Hex Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE CAM FOLLOWER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (In-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
HCCF-2.00-SH	8,090	21,140	2,200	13,300	1,500	MFN Lip	FC Needle	1.51
HCCF-2.25-SH	8,090	21,140	2,200	13,300	1,500	MFN Lip	FC Needle	1.78
HCCF-2.50-SH	11,720	32,900	2,000	15,270	2,250	MFN Lip	FC Needle	2.59
HCCF-2.75-SH	11,720	32,900	2,000	15,270	2,250	MFN Lip	FC Needle	3.01
HCCF-3.00-SH	17,620	49,820	1,600	22,670	3,450	MFN Lip	FC Needle	4.28
HCCF-3.25-SH	17,620	49,820	1,600	22,670	3,450	MFN Lip	FC Needle	4.88
HCCF-3.50-SH	23,630	63,250	1,400	31,030	5,000	MFN Lip	FC Needle	6.68
HCCF-4.00-SH	30,270	89,540	1,300	41,960	5,000	MFN Lip	FC Needle	10.29
HCCF-5.00-SH	53,590	135,900	1,000	66,490	5,000	MFN Lip	FC Needle	20.64
HCCF-6.00-SH	61,690	160,900	800	97,540	5,000	MFN Lip	FC Needle	35.23
HCCF-7.00-SH	81,860	213,860	700	134,570	5,000	MFN Lip	FC Needle	57.74



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
MFN: Molybdenum disulfide (MoS2) filled nylon material

BEARING TYPES:
FC NEEDLE: Full Complement Needle Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +200°F
High and Low temperature options are available.

Specifications subject to change without notice.

YCCF-S – CAM FOLLOWER

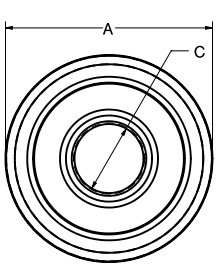
Crowned/Spherical - Yoke Concentric - Slot
Needle Bearings - Regreasable

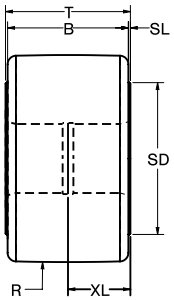
∞ Infinity Roller™ Technology

YOKE TYPE CAM FOLLOWER ∞ | PART NUMBER	A	B	C	R	SD	SL	T	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	Crown Radius	SHOULDER		Inner Race Width +.005 -.010	Grease Groove Location	Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width			Diai.	Len.				
YCCF-2.00-S	2.000	1.25	0.6250	24	1.6	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
YCCF-2.25-S	2.250	1.25	0.6250	24	1.6	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
YCCF-2.50-S	2.500	1.50	0.7500	30	1.9	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
YCCF-2.75-S	2.750	1.50	0.7500	30	1.9	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
YCCF-3.00-S	3.000	1.75	1.0000	30	2.2	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
YCCF-3.25-S	3.250	1.75	1.0000	30	2.2	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
YCCF-3.50-S	3.500	2.00	1.1250	30	2.5	0.03	2.063	1.03	YSH-1.125-R	YSHE-1.125-R
YCCF-4.00-S	4.000	2.25	1.2500	30	2.9	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R
YCCF-5.00-S	5.000	2.75	1.7500	48	3.9	0.06	2.875	1.44	YSH-1.750-R	YSHE-1.750-R
YCCF-6.00-S	6.000	3.25	2.2500	56	4.9	0.06	3.375	1.69	YSH-2.250-R	YSHE-2.250-R
YCCF-7.00-S	7.000	3.75	2.7500	60	5.4	0.06	3.875	1.94	YSH-2.750-R	YSHE-2.750-R
YCCF-8.00-S	8.000	4.25	3.2550	40	6.4	0.13	4.500	2.25	YSH-3.250-R	-
YCCF-9.00-S	9.000	4.75	3.7550	40	7.4	0.13	5.000	2.50	YSH-3.750-R	-
YCCF-10.00-S	10.000	5.25	4.2550	40	7.4	0.13	5.500	2.75	YSH-4.250-R	-
YCCF-12.00-S	12.000	5.25	4.2550	40	7.4	0.13	5.500	2.75	YSH-4.250-R	-
YCCF-14.00-S	14.000	5.25	4.2550	40	7.4	0.13	5.500	2.75	YSH-4.250-R	-
YCCF-16.00-S	16.000	5.25	4.2550	40	7.4	0.13	5.500	2.75	YSH-4.250-R	-
YCCF-18.00-S	18.000	5.25	4.2550	40	7.4	0.13	5.500	2.75	YSH-4.250-R	-
YCCF-20.00-S	20.000	5.25	4.2550	40	7.4	0.13	5.500	2.75	YSH-4.250-R	-

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly







YCCF-S – CAM FOLLOWER

Crowned/Spherical - Yoke Concentric - Slot Needle Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE CAM FOLLOWER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
YCCF-2.00-S	8,090	21,140	1,570	MFN Lip	FC Needle	0.90
YCCF-2.25-S	8,090	21,140	1,570	MFN Lip	FC Needle	1.17
YCCF-2.50-S	11,720	32,900	1,310	MFN Lip	FC Needle	1.70
YCCF-2.75-S	11,720	32,900	1,310	MFN Lip	FC Needle	2.13
YCCF-3.00-S	17,620	49,820	1,060	MFN Lip	FC Needle	2.80
YCCF-3.25-S	17,620	49,820	1,060	MFN Lip	FC Needle	3.38
YCCF-3.50-S	23,630	63,250	980	MFN Lip	FC Needle	4.44
YCCF-4.00-S	30,270	89,540	940	MFN Lip	FC Needle	6.65
YCCF-5.00-S	53,590	135,900	720	MFN Lip	FC Needle	12.41
YCCF-6.00-S	61,690	160,900	590	MFN Lip	FC Needle	20.62
YCCF-7.00-S	81,860	213,860	520	MFN Lip	FC Needle	32.16
YCCF-8.00-S	111,400	288,200	450	MFN Lip	FC Needle	46.85
YCCF-9.00-S	151,400	366,860	400	MFN Lip	FC Needle	64.82
YCCF-10.00-S	160,480	431,130	360	MFN Lip	FC Needle	88.70
YCCF-12.00-S	160,480	431,130	300	MFN Lip	FC Needle	138.45
YCCF-14.00-S	160,480	431,130	257	MFN Lip	FC Needle	197.80
YCCF-16.00-S	160,480	431,130	225	MFN Lip	FC Needle	266.34
YCCF-18.00-S	160,480	431,130	200	MFN Lip	FC Needle	344.05
YCCF-20.00-S	160,480	431,130	180	MFN Lip	FC Needle	430.94



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
MFN: Molybdenum disulfide (MoS2) filled nylon material

BEARING TYPES:
FC NEEDLE: Full Complement Needle Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +200°F
High and Low temperature options are available.

Specifications subject to change without notice.

PCT®

Solutions Through Innovation



LOAD BEARING ROLLER ASSEMBLIES

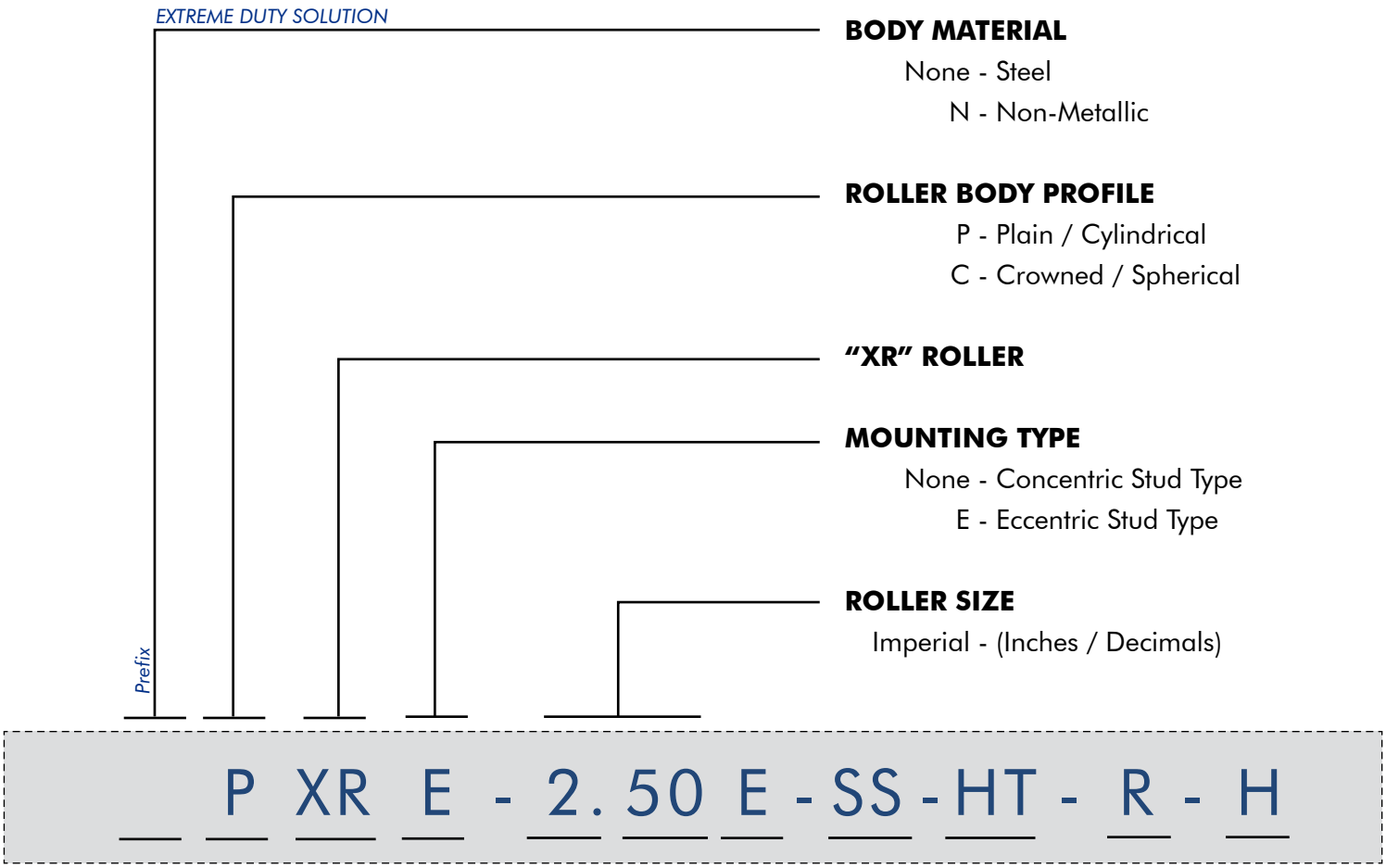
XR



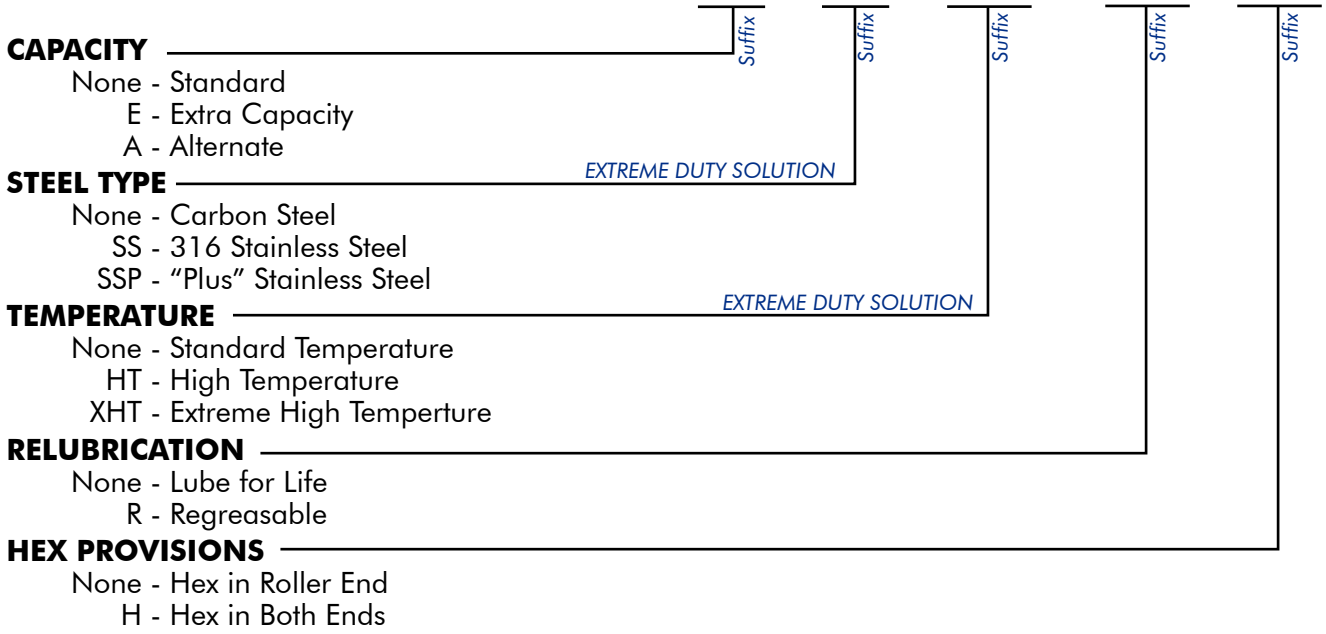
(989) 358-6148 | www.pcimfg.com

XR Roller Assemblies
Part Number Nomenclature

∞ | *Infinity Roller™ Technology*



Plain, "XR" Roller, Eccentric, 2.50" Roller Diameter, High Temperature



XR ROLLERS

PXR - Plain/Cylindrical - Stud Type Ball and Tapered Roller Bearings

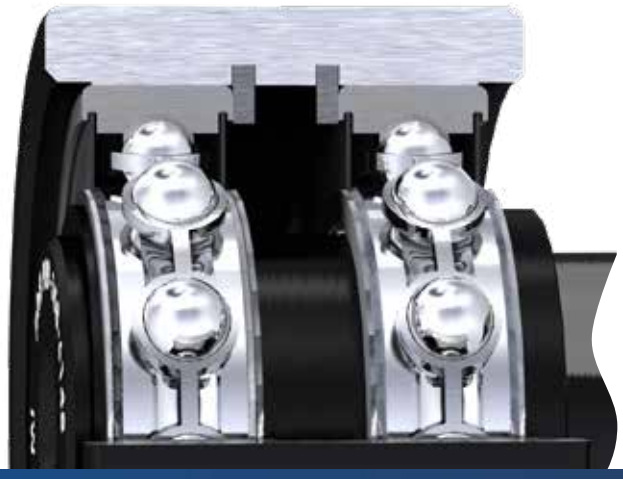
∞ | *Infinity Roller™ Technology*

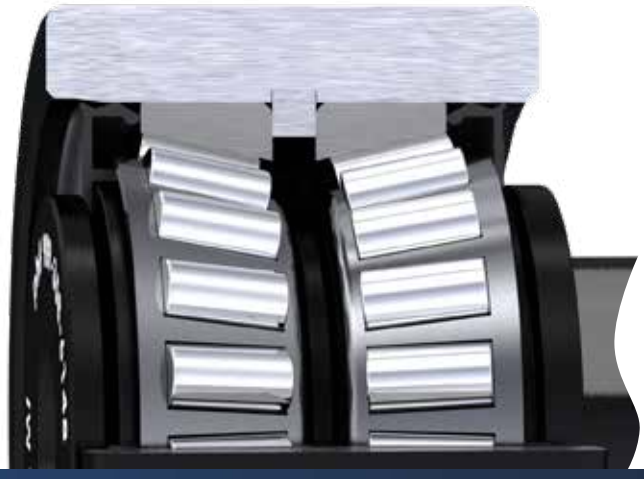
PLAIN BODY PROFILE
is cylindrical in shape to effectively carry radial loads and commonly used on flat tracks.

COMBINATION LOAD CAPABILITY
provides a solution to cam follower performance problems associated with misalignment and non-linear tracks.

LOWER MAINTENANCE COST
lubricated for life or reduced re-lube frequency options feature industry-leading rugged seals and thrust load capacity of a PCI Track Roller in the sizing of a cam follower, for an easy, drop-in, maintenance-free upgrade.

Stud images shown





SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

TIMKEN MATCHED SET OF TAPERED ROLLER BEARINGS
ensure maximum thrust load paired with moderate radial load capacity in a precision bearing package.

BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains the integrity of the assembly by preventing premature fracture under shock loads.

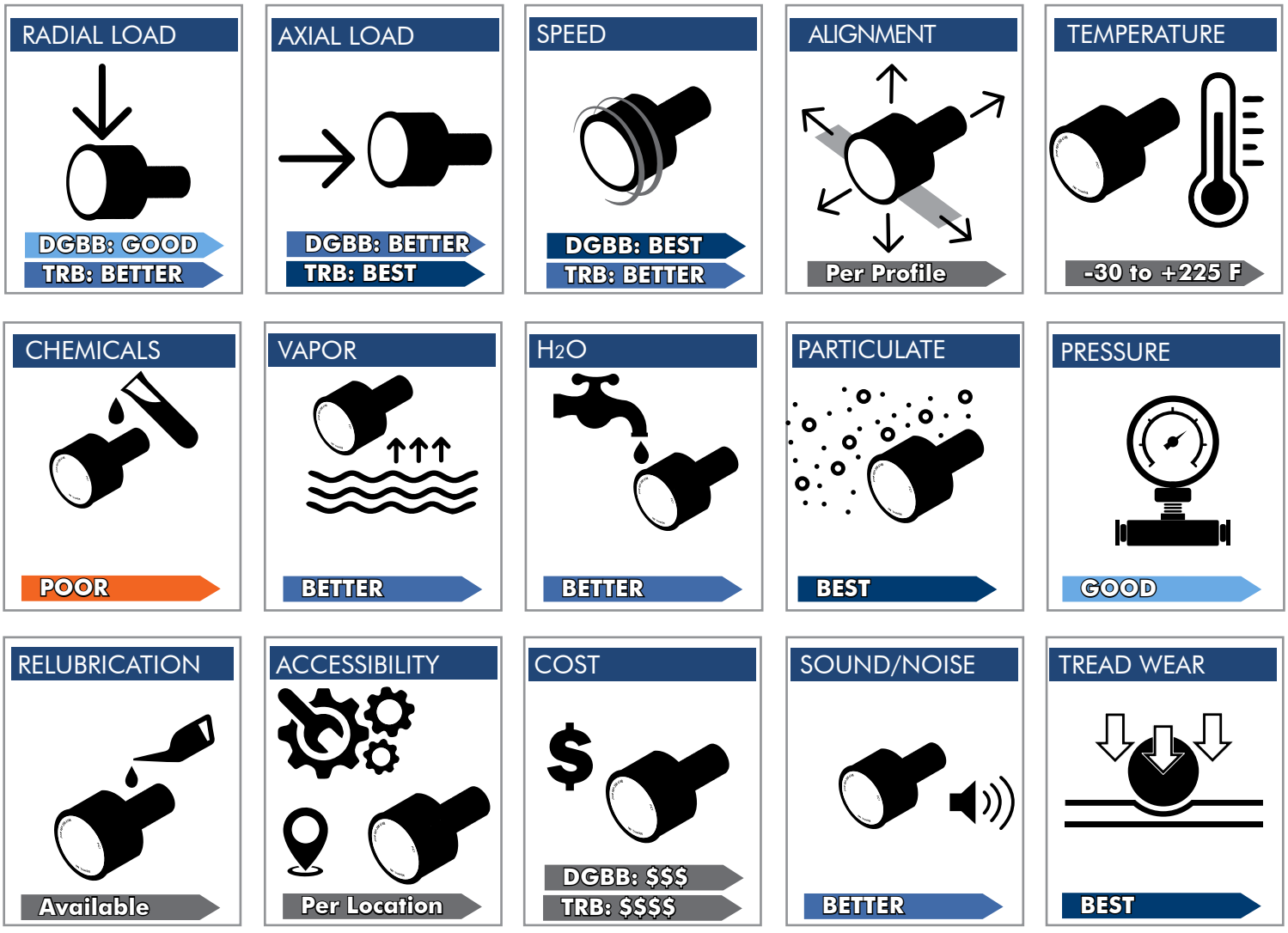
NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants.
These superior designs result in maximum protection of the bearing elements.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load. For yoke mount types see PTRY or CTRY Track Roller series.

TECHNICAL ASSISTANCE AND PRODUCT SELECTION

Application factors greatly impact proper selection and functionality of your load bearing roller assembly. If selection is conducted in haste, a load bearing roller assembly may be inadequately selected, leading to premature failure and costly downtime. This dashboard indicator will help you determine which PCI Load Bearing Roller Assembly is right for your unique application.



Dashboard Indicating Color Scale

= informational only

PXR ROLLER ASSEMBLY

Plain/Cylindrical - Stud Concentric - Hex Ball and Tapered Roller Bearings

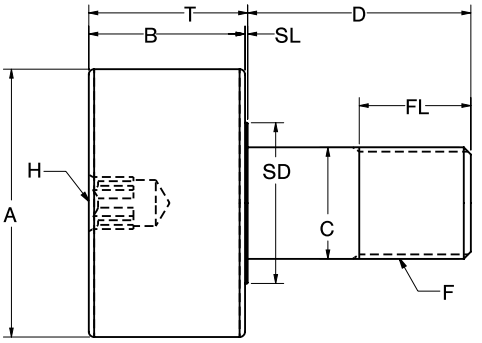
∞ | *Infinity Roller™ Technology*

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
PXR-1.00	1.000	0.63	0.438	1.00	7/16 - 20	0.50	5/16	0.6	0.03	0.66
PXR-1.125	1.125	0.63	0.438	1.00	7/16 - 20	0.50	5/16	0.6	0.03	0.66
PXR-1.25	1.250	0.75	0.500	1.25	1/2 - 20	0.63	5/16	0.6	0.03	0.78
PXR-1.375	1.375	0.75	0.500	1.25	1/2 - 20	0.63	5/16	0.6	0.03	0.78
PXR-1.50	1.500	0.88	0.625	1.50	5/8 - 18	0.75	5/16	0.8	0.03	0.91
PXR-1.75	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.03	1.03
PXR-2.00	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28
PXR-2.25	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28
PXR-2.50	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-2.50E	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-2.75	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-2.75E	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-3.00A	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78
PXR-3.00	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.8	0.03	1.78
PXR-3.25A	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78
PXR-3.25	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.8	0.03	1.78
PXR-3.50A	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	1.8	0.03	2.03
PXR-3.50	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	2.0	0.03	2.03
PXR-4.00A	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	1.8	0.03	2.28
PXR-4.00	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	2.0	0.03	2.28
PXR-5.00	5.000	2.75	2.000	5.06	2 - 12	2.56	5/8	2.9	0.06	2.81
PXR-6.00	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	5/8	3.3	0.06	3.31
PXR-7.00	7.000	3.75	3.000	7.69	3 - 12	4.13	5/8	4.1	0.06	3.81
PXR-8.00	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	5/8	4.7	0.06	4.31
PXR-9.00	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	5/8	5.3	0.06	4.81
PXR-10.00	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	5/8	6.5	0.13	5.38

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly







Solutions Through Innovation

PXR ROLLER ASSEMBLY

Plain/Cylindrical - Stud Concentric - Hex Ball and Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXR-1.00	640	420	160	110	20,000	1,740	470	180	NBR Lip	PREMIUM DGBB	0.17
PXR-1.125	640	420	160	110	20,000	1,740	470	180	NBR Lip	PREMIUM DGBB	0.22
PXR-1.25	1,060	660	270	170	19,000	2,210	470	180	NBR Lip	PREMIUM DGBB	0.30
PXR-1.375	1,060	660	270	170	19,000	2,210	470	180	NBR Lip	PREMIUM DGBB	0.35
PXR-1.50	1,690	1,150	850	580	14,000	3,720	910	350	NBR Lip	PREMIUM DGBB	0.45
PXR-1.75	1,690	1,150	850	580	14,000	5,570	910	650	NBR Lip	PREMIUM DGBB	0.75
PXR-2.00	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.23
PXR-2.25	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.50
PXR-2.50	5,390	3,510	2,700	1,760	8,500	9,180	1,340	650	NBR Lip	PREMIUM DGBB	2.17
PXR-2.50E	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.24
PXR-2.75	5,390	3,510	2,700	1,760	8,500	9,180	1,340	650	NBR Lip	PREMIUM DGBB	2.60
PXR-2.75E	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.67
PXR-3.00A	6,120	4,590	3,060	2,300	7,000	15,450	1,950	1,500	NBR Lip	PREMIUM DGBB	3.56
PXR-3.00	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	3.81
PXR-3.25A	6,120	4,590	3,060	2,300	7,000	15,450	1,950	1,500	NBR Lip	PREMIUM DGBB	4.17
PXR-3.25	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	4.41
PXR-3.50A	6,490	4,950	3,250	2,480	6,300	18,070	3,000	1,500	NBR Lip	PREMIUM DGBB	5.47
PXR-3.50	18,670	27,200	6,210	15,480	2,140	18,070	-	1,500	NBR Dual Lip	PREMIUM TRB	5.93
PXR-4.00A	6,490	4,950	3,250	2,480	6,300	20,920	3,000	1,500	NBR Lip	PREMIUM DGBB	8.25
PXR-4.00	18,670	27,200	6,210	15,480	2,140	20,920	-	1,500	NBR Dual Lip	PREMIUM TRB	8.90
PXR-5.00	38,060	58,400	14,350	32,100	1,550	39,920	-	1,500	NBR Dual Lip	PREMIUM TRB	18.12
PXR-6.00	37,990	56,200	15,320	38,740	1,250	66,400	-	1,500	NBR Dual Lip	PREMIUM TRB	30.87
PXR-7.00	45,050	79,800	18,750	56,790	1,020	99,910	-	1,500	NBR Lip	PREMIUM TRB	52.15
PXR-8.00	89,040	159,800	42,050	129,030	850	112,490	-	1,500	NBR Lip	PREMIUM TRB	74.27
PXR-9.00	142,470	167,000	57,860	147,000	760	155,070	-	1,500	NBR Lip	PREMIUM TRB	106.53
PXR-10.00	145,100	266,000	66,730	209,180	650	195,260	-	1,500	NBR Lip	PREMIUM TRB	140.43



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

PXR-R ROLLER ASSEMBLY

Plain/Cylindrical - Stud Concentric - Hex
Ball and Tapered Roller Bearings - Regreasable

∞ | *Infinity Roller™ Technology*

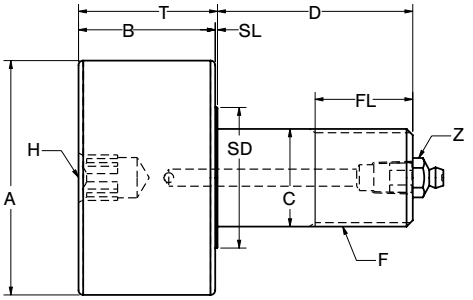
Solutions Through Innovation

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T	Z
	ROLLER		STUD		THREAD		Hex Size	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width	
PXR-1.75-R	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.03	1.03	1/8-27 NPT
PXR-2.00-R	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28	1/8-27 NPT
PXR-2.25-R	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28	1/8-27 NPT
PXR-2.50-R	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53	1/8-27 NPT
PXR-2.50E-R	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53	1/8-27 NPT
PXR-2.75-R	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53	1/8-27 NPT
PXR-2.75E-R	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53	1/8-27 NPT
PXR-3.00A-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78	1/8-27 NPT
PXR-3.00-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.8	0.03	1.78	1/8-27 NPT
PXR-3.25A-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78	1/8-27 NPT
PXR-3.25-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.8	0.03	1.78	1/8-27 NPT
PXR-3.50A-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	1.8	0.03	2.03	1/8-27 NPT
PXR-3.50-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	2.0	0.03	2.03	1/8-27 NPT
PXR-4.00A-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	1.8	0.03	2.28	1/8-27 NPT
PXR-4.00-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	2.0	0.03	2.28	1/8-27 NPT
PXR-5.00-R	5.000	2.75	2.000	5.06	2 - 12	2.56	5/8	2.9	0.06	2.81	1/4-28 UNF
PXR-6.00-R	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	5/8	3.3	0.06	3.31	1/4-28 UNF
PXR-7.00-R	7.000	3.75	3.000	7.69	3 - 12	4.13	5/8	4.1	0.06	3.81	1/4-28 UNF
PXR-8.00-R	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	5/8	4.7	0.06	4.31	1/4-28 UNF
PXR-9.00-R	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	5/8	5.3	0.06	4.81	1/4-28 UNF
PXR-10.00-R	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	5/8	6.5	0.13	5.50	1/4-28 UNF

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly







PXR-R ROLLER ASSEMBLY

Plain/Cylindrical - Stud Concentric - Hex
Ball and Tapered Roller Bearings - Regreasable

∞ | *Infinity Roller™ Technology*

Solutions Through Innovation

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXR-1.75-R	1,690	1,150	850	580	14,000	5,570	910	650	NBR Lip	PREMIUM DGBB	0.75
PXR-2.00-R	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.23
PXR-2.25-R	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.50
PXR-2.50-R	5,390	3,510	2,700	1,760	8,500	9,180	1,340	650	NBR Lip	PREMIUM DGBB	2.17
PXR-2.50E-R	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.24
PXR-2.75-R	5,390	3,510	2,700	1,760	8,500	9,180	1,340	650	NBR Lip	PREMIUM DGBB	2.60
PXR-2.75E-R	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.67
PXR-3.00A-R	6,120	4,590	3,060	2,300	7,000	15,450	1,950	1,500	NBR Lip	PREMIUM DGBB	3.56
PXR-3.00-R	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	3.75
PXR-3.25A-R	6,120	4,590	3,060	2,300	7,000	15,450	1,950	1,500	NBR Lip	PREMIUM DGBB	4.14
PXR-3.25-R	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	4.41
PXR-3.50A-R	6,490	4,950	3,250	2,480	6,300	18,070	3,000	1,500	NBR Lip	PREMIUM DGBB	5.47
PXR-3.50-R	18,670	27,200	6,210	15,480	2,140	18,070	-	1,500	NBR Dual Lip	PREMIUM TRB	5.93
PXR-4.00A-R	6,490	4,950	3,250	2,480	6,300	20,920	3,000	1,500	NBR Lip	PREMIUM DGBB	8.25
PXR-4.00-R	18,670	27,200	6,210	15,480	2,140	20,920	-	1,500	NBR Dual Lip	PREMIUM TRB	8.90
PXR-5.00-R	38,060	58,400	14,350	32,100	1,550	39,920	-	1,500	NBR Dual Lip	PREMIUM TRB	18.12
PXR-6.00-R	37,990	56,200	15,320	38,740	1,250	66,400	-	1,500	NBR Dual Lip	PREMIUM TRB	30.87
PXR-7.00-R	45,050	79,800	18,750	56,790	1,020	99,910	-	1,500	NBR Lip	PREMIUM TRB	52.15
PXR-8.00-R	89,040	159,800	42,050	129,030	850	112,490	-	1,500	NBR Lip	PREMIUM TRB	74.27
PXR-9.00-R	142,470	167,000	57,860	147,000	760	155,070	-	1,500	NBR Lip	PREMIUM TRB	106.53
PXR-10.00-R	145,100	266,000	66,730	209,180	650	195,260	-	1,500	NBR Lip	PREMIUM TRB	140.43





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

PXRE ROLLER ASSEMBLY

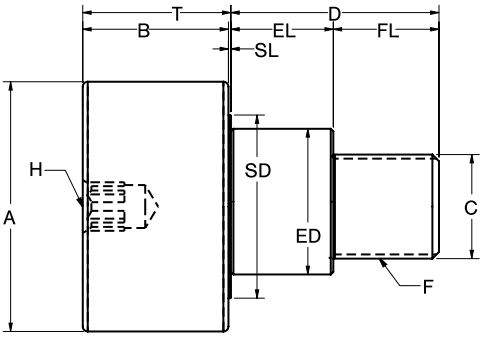
Plain/Cylindrical - Stud Eccentric - Hex Ball and Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
PXRE-1.00	1.000	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	0.8	0.03	0.66
PXRE-1.125	1.125	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	0.8	0.03	0.66
PXRE-1.25	1.250	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	0.9	0.03	0.78
PXRE-1.375	1.375	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	0.9	0.03	0.78
PXRE-1.50	1.500	0.88	0.625	1.50	0.875	0.75	0.03	3/4 - 16	0.75	5/16	1.0	0.03	0.91
PXRE-1.75	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	1.2	0.03	1.03
PXRE-2.00	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28
PXRE-2.25	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28
PXRE-2.50	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-2.50E	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-2.75	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-2.75E	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-3.00A	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.00	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.25A	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.25	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.50A	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03
PXRE-3.50	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03
PXRE-4.00A	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28
PXRE-4.00	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





PXRE ROLLER ASSEMBLY

Plain/Cylindrical - Stud Eccentric - Hex Ball and Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXRE-1.00	640	420	160	110	20,000	3,450	470	250	NBR Lip	PREMIUM DGBB	0.17
PXRE-1.125	640	420	160	110	20,000	3,450	470	250	NBR Lip	PREMIUM DGBB	0.22
PXRE-1.25	1,060	660	270	170	19,000	2,920	470	250	NBR Lip	PREMIUM DGBB	0.30
PXRE-1.375	1,060	660	270	170	19,000	2,920	470	250	NBR Lip	PREMIUM DGBB	0.35
PXRE-1.50	1,690	1,150	850	580	14,000	7,050	910	650	NBR Lip	PREMIUM DGBB	0.53
PXRE-1.75	1,690	1,150	850	580	14,000	5,570	910	650	NBR Lip	PREMIUM DGBB	0.84
PXRE-2.00	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.46
PXRE-2.25	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.78
PXRE-2.50	5,390	3,510	2,700	1,760	8,500	11,110	1,340	650	NBR Lip	PREMIUM DGBB	2.43
PXRE-2.50E	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.50
PXRE-2.75	5,390	3,510	2,700	1,760	8,500	11,110	1,340	650	NBR Lip	PREMIUM DGBB	2.89
PXRE-2.75E	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.95
PXRE-3.00A	6,120	4,590	3,060	2,300	7,000	24,920	1,950	1,500	NBR Lip	PREMIUM DGBB	4.00
PXRE-3.00	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	4.28
PXRE-3.25A	6,120	4,590	3,060	2,300	7,000	24,920	1,950	1,500	NBR Lip	PREMIUM DGBB	4.36
PXRE-3.25	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	4.47
PXRE-3.50A	6,490	4,950	3,250	2,480	6,300	33,660	3,000	1,500	NBR Lip	PREMIUM DGBB	6.00
PXRE-3.50	18,670	27,200	6,210	15,480	2,140	18,070	-	1,500	NBR Dual Lip	PREMIUM TRB	6.44
PXRE-4.00A	6,490	4,950	3,250	2,480	6,300	33,830	3,000	1,500	NBR Lip	PREMIUM DGBB	9.11
PXRE-4.00	18,670	27,200	6,210	15,480	2,140	20,920	-	1,500	NBR Dual Lip	PREMIUM TRB	9.64





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

PXRE-R ROLLER ASSEMBLY

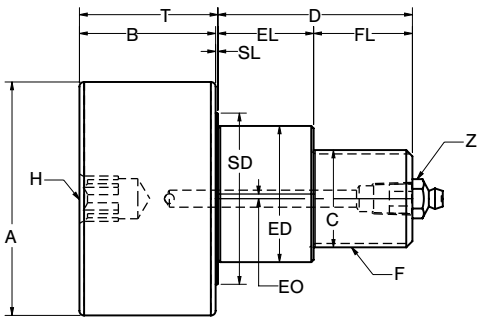
Plain/Cylindrical - Stud Eccentric - Hex
Ball and Tapered Roller Bearings - Regreasable

∞ | *Infinity Roller™ Technology*

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width	
PXRE-1.75-R	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	1.2	0.03	1.03	1/8-27 NPT
PXRE-2.00-R	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28	1/8-27 NPT
PXRE-2.25-R	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28	1/8-27 NPT
PXRE-2.50-R	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53	1/8-27 NPT
PXRE-2.50E-R	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53	1/8-27 NPT
PXRE-2.75-R	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53	1/8-27 NPT
PXRE-2.75E-R	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53	1/8-27 NPT
PXRE-3.00A-R	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78	1/8-27 NPT
PXRE-3.00-R	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78	1/8-27 NPT
PXRE-3.25A-R	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78	1/8-27 NPT
PXRE-3.25-R	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78	1/8-27 NPT
PXRE-3.50A-R	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03	1/8-27 NPT
PXRE-3.50-R	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03	1/8-27 NPT
PXRE-4.00A-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28	1/8-27 NPT
PXRE-4.00-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28	1/8-27 NPT

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





PXRE-R ROLLER ASSEMBLY

Plain/Cylindrical - Stud Eccentric - Hex
Ball and Tapered Roller Bearings - Regreasable

∞ | *Infinity Roller™ Technology*

Solutions Through Innovation

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXRE-1.75-R	1,690	1,150	850	580	14,000	5,570	910	650	NBR Lip	PREMIUM DGBB	0.84
PXRE-2.00-R	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.46
PXRE-2.25-R	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.78
PXRE-2.50-R	5,390	3,510	2,700	1,760	8,500	11,110	1,340	650	NBR Lip	PREMIUM DGBB	2.43
PXRE-2.50E-R	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.50
PXRE-2.75-R	5,390	3,510	2,700	1,760	8,500	11,110	1,340	650	NBR Lip	PREMIUM DGBB	2.88
PXRE-2.75E-R	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.94
PXRE-3.00A-R	6,120	4,590	3,060	2,300	7,000	24,920	1,950	1,500	NBR Lip	PREMIUM DGBB	4.00
PXRE-3.00-R	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	4.22
PXRE-3.25A-R	6,120	4,590	3,060	2,300	7,000	24,920	1,950	1,500	NBR Lip	PREMIUM DGBB	4.61
PXRE-3.25-R	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	4.81
PXRE-3.50A-R	6,490	4,950	3,250	2,480	6,300	33,660	3,000	1,500	NBR Lip	PREMIUM DGBB	5.97
PXRE-3.50-R	18,670	27,200	6,210	15,480	2,140	18,070	-	1,500	NBR Dual Lip	PREMIUM TRB	6.41
PXRE-4.00A-R	6,490	4,950	3,250	2,480	6,300	33,830	3,000	1,500	NBR Lip	PREMIUM DGBB	9.07
PXRE-4.00-R	18,670	27,200	6,210	15,480	2,140	20,920	-	1,500	NBR Dual Lip	PREMIUM TRB	9.60



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

Intentional Blank Page

XR ROLLERS

CXR - Crowned/Spherical - Stud Type Ball and Tapered Roller Bearings

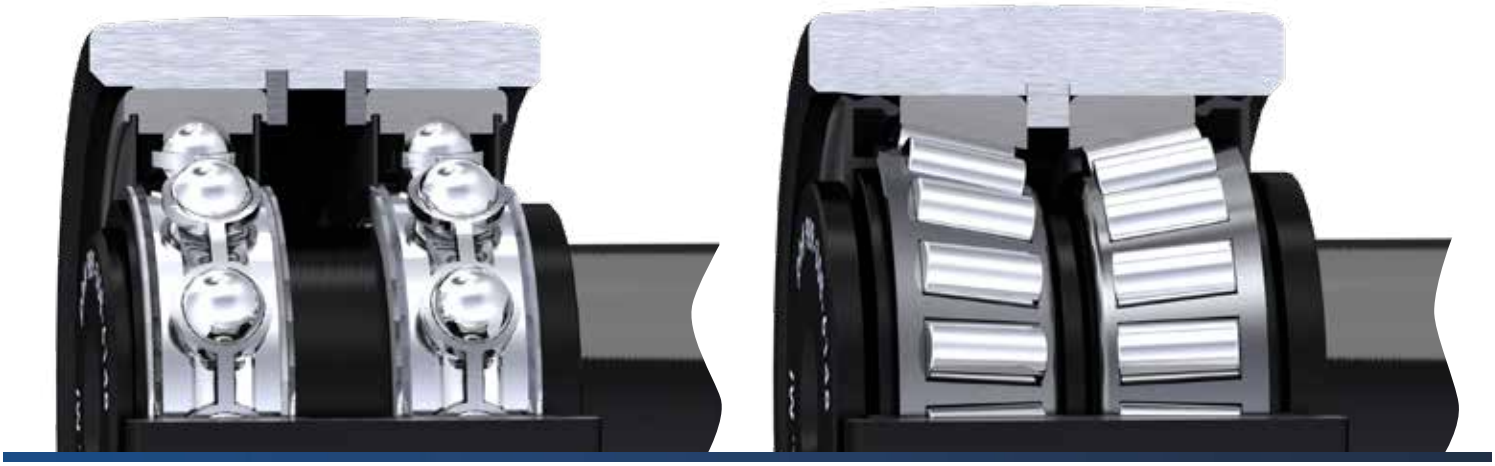
∞ | *Infinity Roller™ Technology*

CROWNED BODY PROFILE
is spherical in shape to effectively carry radial loads and used on flat tracks.

COMBINATION LOAD CAPABILITY
provides a solution to cam follower performance problems associated with misalignment and non-linear tracks.

LOWER MAINTENANCE COST
lubricated for life or reduced re-lube frequency options feature industry-leading rugged seals and thrust load capacity of a PCI Track Roller in the sizing of a cam follower for an easy, drop-in, maintenance-free upgrade.

Crown is exaggerated for illustration only.
Stud images shown



SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

TIMKEN MATCHED SET OF TAPERED ROLLER BEARINGS
ensure maximum thrust load paired with moderate radial load capacity in a precision bearing package.

BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains the integrity of the assembly by preventing premature fracture under shock loads.

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants.
These superior designs result in maximum protection of the bearing elements.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load. For yoke mount types see PTRY or CTRY Track Roller series.

CXR ROLLER ASSEMBLY

Crowned/Spherical - Stud Concentric - Hex Ball and Tapered Roller Bearings

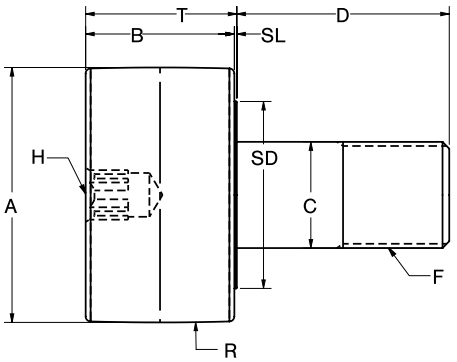
∞ | *Infinity Roller™ Technology*

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width
CXR-1.00	1.000	0.63	0.438	1.00	7/16 - 20	0.50	5/16	12	0.6	0.03	0.66
CXR-1.125	1.125	0.63	0.438	1.00	7/16 - 20	0.50	5/16	12	0.6	0.03	0.66
CXR-1.25	1.250	0.75	0.500	1.25	1/2 - 20	0.63	5/16	14	0.6	0.03	0.78
CXR-1.375	1.375	0.75	0.500	1.25	1/2 - 20	0.63	5/16	14	0.6	0.03	0.78
CXR-1.50	1.500	0.88	0.625	1.50	5/8 - 18	0.75	5/16	20	0.8	0.03	0.91
CXR-1.75	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.03	1.03
CXR-2.00	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28
CXR-2.25	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28
CXR-2.50	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-2.50E	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-2.75	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-2.75E	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-3.00A	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78
CXR-3.00	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.8	0.03	1.78
CXR-3.25A	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78
CXR-3.25	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.8	0.03	1.78
CXR-3.50A	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	1.8	0.03	2.03
CXR-3.50	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	2.0	0.03	2.03
CXR-4.00A	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	1.8	0.03	2.28
CXR-4.00	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	2.0	0.03	2.28
CXR-5.00	5.000	2.75	2.000	5.06	2 - 12	2.56	5/8	48	2.9	0.06	2.81
CXR-6.00	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	5/8	56	3.3	0.06	3.31
CXR-7.00	7.000	3.75	3.000	7.69	3 - 12	4.13	5/8	60	4.1	0.06	3.81
CXR-8.00	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	5/8	40	4.7	0.06	4.31
CXR-9.00	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	5/8	40	5.3	0.06	4.81
CXR-10.00	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	5/8	40	6.5	0.13	5.31

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly







CXR ROLLER ASSEMBLY

Crowned/Spherical- Stud Concentric - Hex Ball and Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXR-1.00	640	420	160	110	20,000	1,740	470	180	NBR Lip	PREMIUM DGBB	0.17
CXR-1.125	640	420	160	110	20,000	1,740	470	180	NBR Lip	PREMIUM DGBB	0.22
CXR-1.25	1,060	660	270	170	19,000	2,210	470	180	NBR Lip	PREMIUM DGBB	0.30
CXR-1.375	1,060	660	270	170	19,000	2,210	470	180	NBR Lip	PREMIUM DGBB	0.35
CXR-1.50	1,690	1,150	850	580	14,000	3,720	910	350	NBR Lip	PREMIUM DGBB	0.43
CXR-1.75	1,690	1,150	850	580	14,000	5,570	910	650	NBR Lip	PREMIUM DGBB	0.74
CXR-2.00	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.23
CXR-2.25	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.50
CXR-2.50	5,390	3,510	2,700	1,760	8,500	9,180	1,340	650	NBR Lip	PREMIUM DGBB	2.04
CXR-2.50E	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.18
CXR-2.75	5,390	3,510	2,700	1,760	8,500	9,180	1,340	650	NBR Lip	PREMIUM DGBB	2.43
CXR-2.75E	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.61
CXR-3.00A	6,120	4,590	3,060	2,300	7,000	15,450	1,950	1,500	NBR Lip	PREMIUM DGBB	3.55
CXR-3.00	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	3.80
CXR-3.25A	6,120	4,590	3,060	2,300	7,000	15,450	1,950	1,500	NBR Lip	PREMIUM DGBB	4.29
CXR-3.25	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	4.39
CXR-3.50A	6,490	4,950	3,250	2,480	6,300	18,070	3,000	1,500	NBR Lip	PREMIUM DGBB	5.44
CXR-3.50	18,670	27,200	6,210	15,480	2,140	18,070	-	1,500	NBR Dual Lip	PREMIUM TRB	5.90
CXR-4.00A	6,490	4,950	3,250	2,480	6,300	20,920	3,000	1,500	NBR Lip	PREMIUM DGBB	8.20
CXR-4.00	18,670	27,200	6,210	15,480	2,140	20,920	-	1,500	NBR Dual Lip	PREMIUM TRB	8.84
CXR-5.00	38,060	58,400	14,350	37,660	1,550	39,920	-	1,500	NBR Dual Lip	PREMIUM TRB	18.05
CXR-6.00	37,990	56,200	15,320	38,740	1,250	66,400	-	1,500	NBR Dual Lip	PREMIUM TRB	30.97
CXR-7.00	45,050	79,800	18,750	56,790	1,020	99,910	-	1,500	NBR Lip	PREMIUM TRB	52.66
CXR-8.00	89,040	159,800	42,050	129,030	850	112,490	-	1,500	NBR Lip	PREMIUM TRB	74.11
CXR-9.00	142,470	167,000	57,860	115,980	760	155,070	-	1,500	NBR Lip	PREMIUM TRB	107.55
CXR-10.00	145,100	266,000	66,730	209,180	650	195,260	-	1,500	NBR Lip	PREMIUM TRB	138.81





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

CXR-R ROLLER ASSEMBLY

Crowned/Spherical - Stud Concentric - Hex
Ball and Tapered Roller Bearings - Regreasable

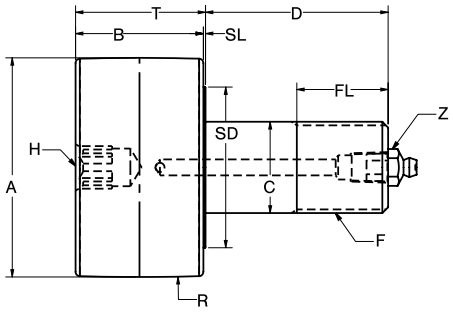
∞ | *Infinity Roller™ Technology*

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T	Z
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width	
CXR-1.75-R	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.03	1.03	1/8-27 NPT
CXR-2.00-R	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28	1/8-27 NPT
CXR-2.25-R	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28	1/8-27 NPT
CXR-2.50-R	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53	1/8-27 NPT
CXR-2.50E-R	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53	1/8-27 NPT
CXR-2.75-R	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53	1/8-27 NPT
CXR-2.75E-R	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53	1/8-27 NPT
CXR-3.00A-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78	1/8-27 NPT
CXR-3.00-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.8	0.03	1.78	1/8-27 NPT
CXR-3.25A-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78	1/8-27 NPT
CXR-3.25-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.8	0.03	1.78	1/8-27 NPT
CXR-3.50A-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	1.8	0.03	2.03	1/8-27 NPT
CXR-3.50-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	2.0	0.03	2.03	1/8-27 NPT
CXR-4.00A-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	1.8	0.03	2.28	1/8-27 NPT
CXR-4.00-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	2.0	0.03	2.28	1/8-27 NPT
CXR-5.00-R	5.000	2.75	2.000	5.06	2 - 12	2.56	5/8	48	2.9	0.06	2.81	1/4-28 UNF
CXR-6.00-R	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	5/8	56	3.3	0.06	3.31	1/4-28 UNF
CXR-7.00-R	7.000	3.75	3.000	7.69	3 - 12	4.13	5/8	60	4.1	0.06	3.81	1/4-28 UNF
CXR-8.00-R	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	5/8	40	4.7	0.06	4.31	1/4-28 UNF
CXR-9.00-R	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	5/8	40	5.3	0.06	4.81	1/4-28 UNF
CXR-10.00-R	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	5/8	40	6.5	0.13	5.50	1/4-28 UNF

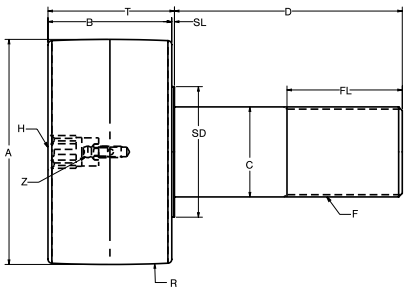
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly



THROUGH 4.00" ROLLER DIA.



5.00" ROLLER DIA. AND LARGER



CXR-R ROLLER ASSEMBLY

Crowned/Spherical - Stud Concentric - Hex
Ball and Tapered Roller Bearings - Regreasable

∞ | *Infinity Roller™ Technology*

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXR-1.75-R	1,690	1,150	850	580	14,000	5,570	910	650	NBR Lip	PREMIUM DGBB	0.74
CXR-2.00-R	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.23
CXR-2.25-R	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.50
CXR-2.50-R	5,390	3,510	2,700	1,760	8,500	9,180	1,340	650	NBR Lip	PREMIUM DGBB	2.04
CXR-2.50E-R	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.18
CXR-2.75-R	5,390	3,510	2,700	1,760	8,500	9,180	1,340	650	NBR Lip	PREMIUM DGBB	2.43
CXR-2.75E-R	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.61
CXR-3.00A-R	6,120	4,590	3,060	2,300	7,000	15,450	1,950	1,500	NBR Lip	PREMIUM DGBB	3.52
CXR-3.00-R	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	3.80
CXR-3.25A-R	6,120		3,060	2,300	7,000	15,450	1,950	1,500	NBR Lip	PREMIUM DGBB	4.29
CXR-3.25-R	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	4.39
CXR-3.50A-R	6,490	4,950	3,250	2,480	6,300	18,070	3,000	1,500	NBR Lip	PREMIUM DGBB	5.40
CXR-3.50-R	18,670	27,200	6,210	15,480	2,140	18,070	-	1,500	NBR Dual Lip	PREMIUM TRB	5.90
CXR-4.00A-R	6,490	4,950	3,250	2,480	6,300	20,920	3,000	1,500	NBR Lip	PREMIUM DGBB	8.16
CXR-4.00-R	18,670	27,200	6,210	15,480	2,140	20,920	-	1,500	NBR Dual Lip	PREMIUM TRB	8.84
CXR-5.00-R	38,060	58,400	14,350	37,660	1,550	39,920	-	1,500	NBR Dual Lip	PREMIUM TRB	18.05
CXR-6.00-R	37,990	56,200	15,320	38,740	1,250	66,400	-	1,500	NBR Dual Lip	PREMIUM TRB	30.97
CXR-7.00-R	45,050	79,800	18,750	56,790	1,020	99,910	-	1,500	NBR Lip	PREMIUM TRB	52.66
CXR-8.00-R	89,040	159,800	42,050	129,030	850	112,490	-	1,500	NBR Lip	PREMIUM TRB	74.11
CXR-9.00-R	142,470	167,000	57,860	115,980	760	155,070	-	1,500	NBR Lip	PREMIUM TRB	107.55
CXR-10.00-R	145,100	266,000	66,730	209,180	650	195,260	-	1,500	NBR Lip	PREMIUM TRB	138.81



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

CXRE ROLLER ASSEMBLY

Crowned/Spherical - Stud Eccentric - Hex Ball and Tapered Roller Bearings

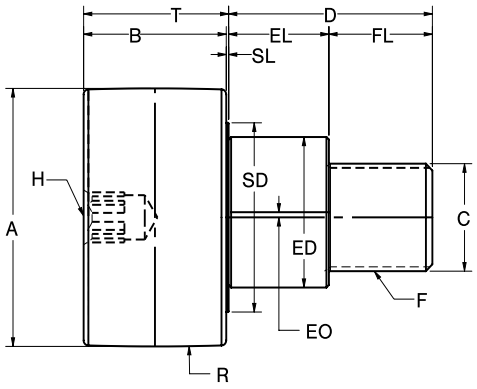
∞ | *Infinity Roller™ Technology*

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width
CXRE-1.00	1.000	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	12	0.8	0.03	0.66
CXRE-1.125	1.125	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	12	0.8	0.03	0.66
CXRE-1.25	1.250	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	14	0.9	0.03	0.78
CXRE-1.375	1.375	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	14	0.9	0.03	0.78
CXRE-1.50	1.500	0.88	0.625	1.50	0.875	0.75	0.03	5/8 - 18	0.75	5/16	20	1.0	0.03	0.91
CXRE-1.75	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	20	1.2	0.03	1.03
CXRE-2.00	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28
CXRE-2.25	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28
CXRE-2.50	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-2.50E	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-2.75	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-2.75E	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-3.00A	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.00	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.25A	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.25	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.50A	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03
CXRE-3.50	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03
CXRE-4.00A	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28
CXRE-4.00	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly







CXRE ROLLER ASSEMBLY

Crowned/Spherical - Stud Eccentric - Hex Ball and Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXRE-1.00	640	420	160	110	20,000	3,450	470	250	NBR Lip	PREMIUM DGBB	0.17
CXRE-1.125	640	420	160	110	20,000	3,450	470	250	NBR Lip	PREMIUM DGBB	0.22
CXRE-1.25	1,060	660	270	170	19,000	2,920	470	250	NBR Lip	PREMIUM DGBB	0.30
CXRE-1.375	1,060	660	270	170	19,000	2,920	470	250	NBR Lip	PREMIUM DGBB	0.35
CXRE-1.50	1,690	1,150	850	580	14,000	7,050	910	650	NBR Lip	PREMIUM DGBB	0.51
CXRE-1.75	1,690	1,150	850	580	14,000	5,570	910	650	NBR Lip	PREMIUM DGBB	0.88
CXRE-2.00	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.46
CXRE-2.25	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.78
CXRE-2.50	5,390	3,510	2,700	1,760	8,500	11,110	1,340	650	NBR Lip	PREMIUM DGBB	2.30
CXRE-2.50E	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.44
CXRE-2.75	5,390	3,510	2,700	1,760	8,500	11,110	1,340	650	NBR Lip	PREMIUM DGBB	2.94
CXRE-2.75E	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.94
CXRE-3.00A	6,120	4,590	3,060	2,300	7,000	24,920	1,950	1,500	NBR Lip	PREMIUM DGBB	4.00
CXRE-3.00	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	4.26
CXRE-3.25A	6,120	4,590	3,060	2,300	7,000	24,920	1,950	1,500	NBR Lip	PREMIUM DGBB	4.35
CXRE-3.25	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	4.45
CXRE-3.50A	6,490	4,950	3,250	2,480	6,300	33,660	3,000	1,500	NBR Lip	PREMIUM DGBB	5.97
CXRE-3.50	18,670	27,200	6,210	15,480	2,140	18,070	-	1,500	NBR Dual Lip	PREMIUM TRB	6.41
CXRE-4.00A	6,490	4,950	3,250	2,480	6,300	33,830	3,000	1,500	NBR Lip	PREMIUM DGBB	9.06
CXRE-4.00	18,670	27,200	6,210	13,100	2,140	20,920	-	1,500	NBR Dual Lip	PREMIUM TRB	9.75



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

CXRE-R ROLLER ASSEMBLY

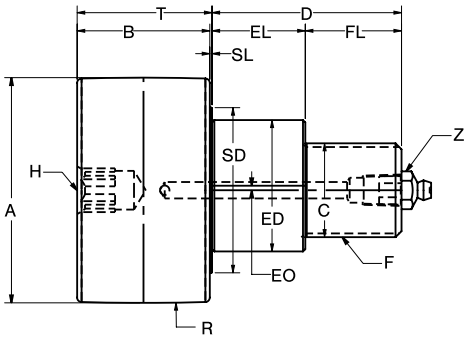
Crowned/Spherical - Stud Eccentric - Hex
Ball and Tapered Roller Bearings - Regreasable

∞ | *Infinity Roller™ Technology*

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width	
CXRE-1.75-R	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	20	1.2	0.03	1.03	1/8-27 NPT
CXRE-2.00-R	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28	1/8-27 NPT
CXRE-2.25-R	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28	1/8-27 NPT
CXRE-2.50-R	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53	1/8-27 NPT
CXRE-2.50E-R	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53	1/8-27 NPT
CXRE-2.75-R	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53	1/8-27 NPT
CXRE-2.75E-R	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53	1/8-27 NPT
CXRE-3.00A-R	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78	1/8-27 NPT
CXRE-3.00-R	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78	1/8-27 NPT
CXRE-3.25A-R	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78	1/8-27 NPT
CXRE-3.25-R	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78	1/8-27 NPT
CXRE-3.50A-R	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03	1/8-27 NPT
CXRE-3.50-R	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03	1/8-27 NPT
CXRE-4.00A-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28	1/8-27 NPT
CXRE-4.00-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28	1/8-27 NPT

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





CXRE-R ROLLER ASSEMBLY

Crowned/Spherical - Stud Eccentric - Hex
Ball and Tapered Roller Bearings - Regreasable

∞ | *Infinity Roller™ Technology*

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXRE-1.75-R	1,690	1,150	850	580	14,000	5,570	910	650	NBR Lip	PREMIUM DGBB	0.88
CXRE-2.00-R	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.46
CXRE-2.25-R	3,630	2,250	1,820	1,130	11,000	6,850	1,340	650	NBR Lip	PREMIUM DGBB	1.78
CXRE-2.50-R	5,390	3,510	2,700	1,760	8,500	11,110	1,340	650	NBR Lip	PREMIUM DGBB	2.30
CXRE-2.50E-R	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.44
CXRE-2.75-R	5,390	3,510	2,700	1,760	8,500	11,110	1,340	650	NBR Lip	PREMIUM DGBB	2.94
CXRE-2.75E-R	13,720	14,800	5,130	9,470	2,100	9,180	-	1,500	NBR Dual Lip	PREMIUM TRB	2.94
CXRE-3.00A-R	6,120	4,590	3,060	2,300	7,000	24,920	1,950	1,500	NBR Lip	PREMIUM DGBB	4.00
CXRE-3.00-R	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	4.20
CXRE-3.25A-R	6,120	4,590	3,060	2,300	7,000	24,920	1,950	1,500	NBR Lip	PREMIUM DGBB	4.35
CXRE-3.25-R	17,940	20,000	7,410	14,120	2,490	15,450	-	1,500	NBR Dual Lip	PREMIUM TRB	4.45
CXRE-3.50A-R	6,490	4,950	3,250	2,480	6,300	33,660	3,000	1,500	NBR Lip	PREMIUM DGBB	5.94
CXRE-3.50-R	18,670	27,200	6,210	15,480	2,140	18,070	-	1,500	NBR Dual Lip	PREMIUM TRB	6.38
CXRE-4.00A-R	6,490	4,950	3,250	2,480	6,300	33,830	3,000	1,500	NBR Lip	PREMIUM DGBB	9.02
CXRE-4.00-R	18,670	27,200	6,210	13,100	2,140	20,920	-	1,500	NBR Dual Lip	PREMIUM TRB	9.71



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

PCI®

Solutions Through Innovation

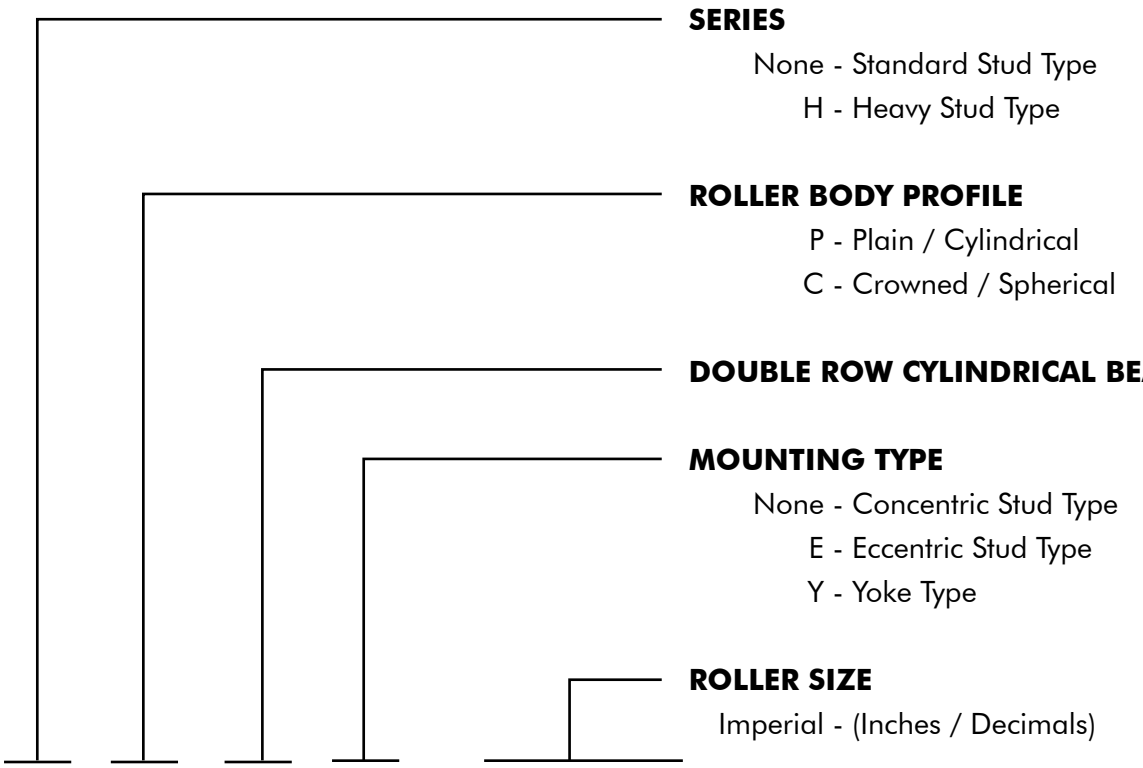


LOAD BEARING ROLLER ASSEMBLIES

DCB



(989) 358-6148 | www.pcimfg.com



Heavy Stud, Crowned, DCB Roller, 2.50" Roller Diameter, High Temperature, Regreasable

TEMPERTURE
None - Standard Temperture
HT - High Temperature

RELUBRICATION
None - Lube for Life
R - Regreasable

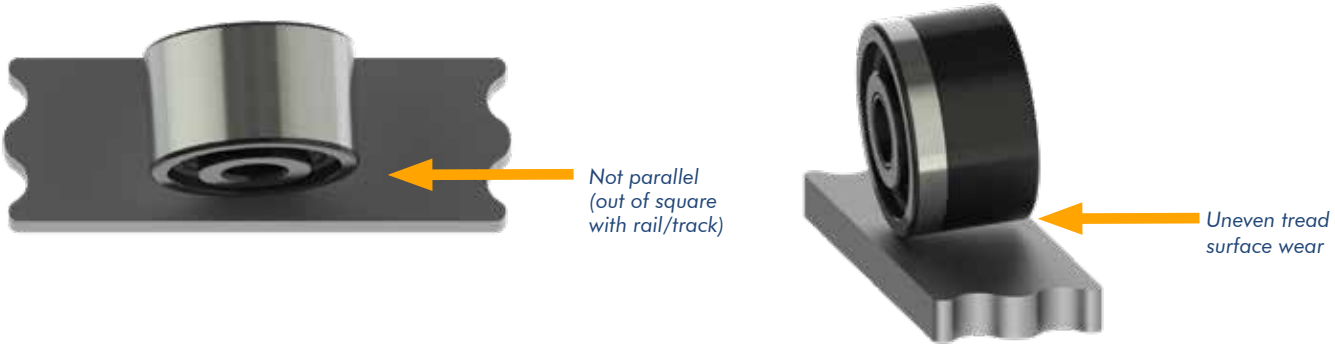
HEX PROVISIONS
None - Hex in Roller End
H - Hex in Both Ends

Standard needle bearing cam followers have been around since the 1930's. While they may appear to cost less upfront, they require frequent upkeep. The ongoing maintenance needs and associated repair time can lead to frustration, downtime, and reduced profits from production line interruptions. Over time, the traditional cam follower often proves more costly than expected.

LOAD CAPACITY LIMITS AND APPLICATION MISALIGNMENT

Cam followers accommodate significant radial load at low speeds or reduced radial load at increased speeds, but often become noisy while operating. They are not well suited for Axial / Thrust loads. Cam follower internal design limits capacity for other types of loads found in real world applications. The most common is combination load produced from application misalignment and is comprised of both radial and thrust loads.

MISALIGNED



INEFFECTIVE SEALS

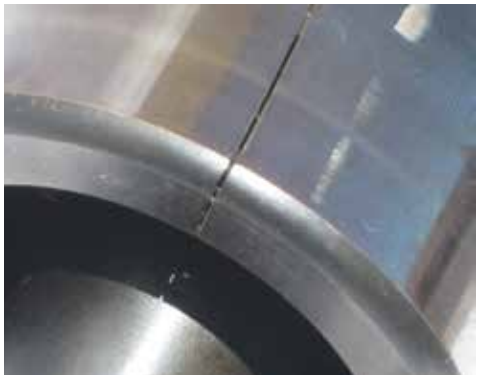
Most cam followers utilize a plastic-like material for seals, in order to provide low-level thrust capacity to the roller while also affording some protection against contaminants. Because of this dual purpose, nylon seals sacrifice their sealing characteristics and struggle to compete against rubber seals for protection against contaminants.

PREMATURE FAILURE

Cam followers are designed to be re-lubricated at regular intervals to ensure effective operation. In applications where moderate to high levels of contaminants are present, the required frequency of re-lubrication can be significant. Cam followers have a limited grease capacity within the bearing assembly, which restricts their service life. Once grease oxidation and breakdown occur, premature cam follower failure is likely.



Roller seizes, develops flat spots



Roller body cracks or shatters



Catastrophic failure of the bearing

DCB ROLLER ASSEMBLIES

Double Row Cylindrical Bearing Rollers

The Solution

∞ | *Infinity Roller™ Technology*

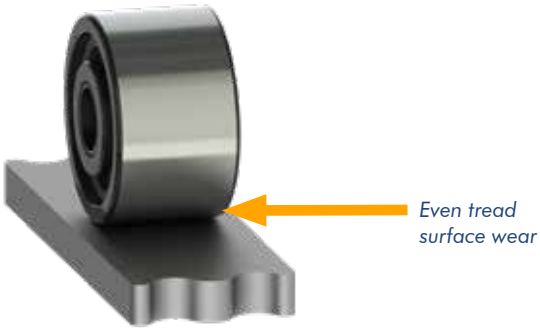
PCI has been developing Load Bearing Roller Assembly solutions for more than 40 years. An integral part of our success is our commitment to understanding the ever-changing needs of our valued customers and developing solutions that turn application hurdles into success stories. This critical interaction fueled the development of our Double-Row Cylindrical Bearing Roller Assemblies (DCB Roller).

LOAD ACCOMMODATION

The PCI DCB Roller is designed to provide significant radial load capacity while operating at elevated speeds, a mixture of loads in a size package that no other cam follower or load bearing roller assembly product can offer.

ALIGNED





IMPROVED SEAL PROVISIONS

PCI DCB Rollers eliminate the need for a dual purpose seal by engineering thrust accommodation into the internal design. This improvement allows the use of rubber lip seal technology as superior protection against contamination.

EXPANDED GREASE CAPACITY FOR MAINTENANCE FREE OPERATION

PCI DCB Rollers are engineered with up to five times the grease capacity of cam followers to ensure long term operation, reduce the frequency of maintenance procedures and resolve problems commonly associated with cam follower designs.

PROVEN PERFORMANCE

PCI DCB Rollers feature a unique profile configuration with the optimal quantity and size of guided rolling elements with axial installation to ensure improved dimensional and running accuracy, less friction, cleaner bearing steels, and quieter operation. DCB lowers total cost of ownership - yet another *PCI Solution Through Innovation!*



Yoke image shown

Solutions Through Innovation

DCB ROLLERS

Plain/Cylindrical Stud and Yoke Type Double Cylindrical Roller Bearings

∞ | *Infinity Roller™ Technology*

PLAIN BODY PROFILE
is cylindrical in shape to effectively carry radial loads and commonly used on flat tracks.

SIGNIFICANT LOAD CAPABILITY
for combination loads or misalignment accommodation - providing a solution to cam follower performance issues.

HEAVY STUD OPTION IS AVAILABLE
to increase stud capacities at least 70%. This upgrade is the most extensive offering of shock load protection for drop-in replacements to cam follower designs.

YOKE MOUNTING TYPES
feature easy installation slip fit bores to eliminate tedious installation methods.

Yoke image shown



DOUBLE CYLINDRICAL ROLLER BEARINGS
feature a unique profile configuration with the optimal quantity and size of guided rolling elements with axial installation to ensure improved dimensional and running accuracy, less friction, cleaner bearing steels, and quieter operation.

BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains the integrity of the assembly by preventing premature fracture under shock loads.

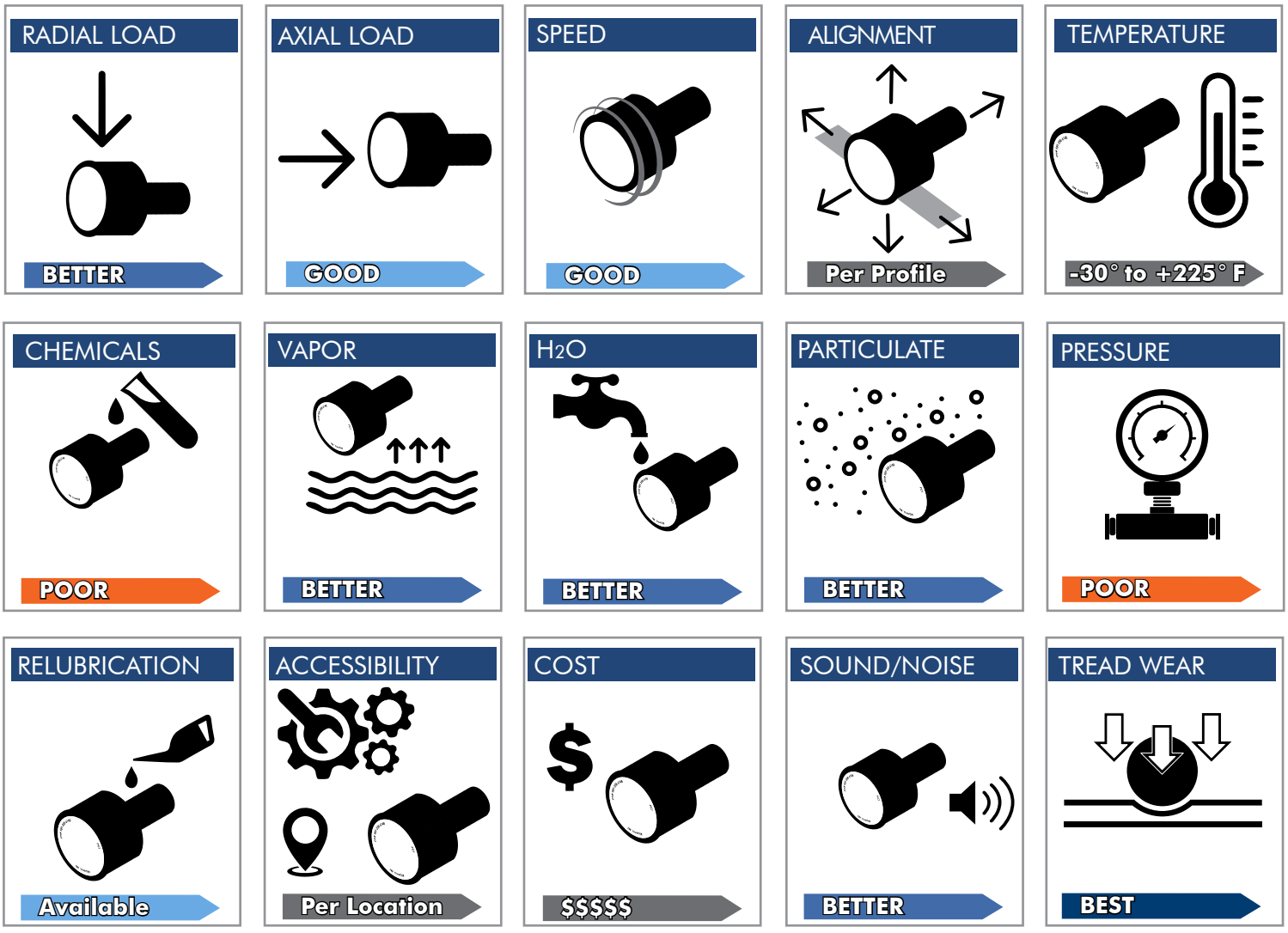
NITRILE RUBBER LIP SEALS WITH EXPANDED GREASE BARRIER
offer slinger functionality for maximum protection of the bearing elements from external contamination. Full contact rubber lip seals with 5 times the grease capacity of cam followers and 20% more grease capacity than other brands.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

HIGH ALLOY BEARING STEEL STUD / INNER RACE
provides dependable performance under load.

TECHNICAL ASSISTANCE AND PRODUCT SELECTION

Application factors greatly impact proper selection and functionality of your load bearing roller assembly. If selection is conducted in haste, a load bearing roller assembly may be inadequately selected, leading to premature failure and costly downtime. This dashboard indicator will help you determine which PCI Load Bearing Roller Assembly is right for your unique application.



Dashboard Indicating Color Scale

= informational only

PDC – DCB ROLLER

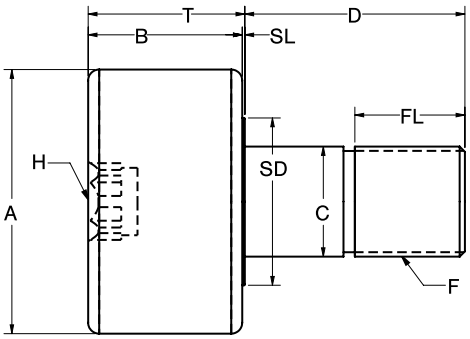
Plain/Cylindrical - Stud Concentric - Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
PDC-2.00	2.000	1.25	0.875	2.00	7/8 - 14	1.00	7/16	1.2	0.03	1.28
PDC-2.25	2.250	1.25	0.875	2.00	7/8 - 14	1.00	7/16	1.2	0.03	1.28
PDC-2.50	2.500	1.50	1.000	2.25	1 - 14	1.13	1/2	1.6	0.03	1.53
PDC-2.75	2.750	1.50	1.000	2.25	1 - 14	1.13	1/2	1.6	0.03	1.53
PDC-3.00	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78
PDC-3.25	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78
PDC-3.50	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	3/4	2.1	0.03	2.03
PDC-4.00	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	3/4	2.3	0.03	2.28
PDC-5.00	5.000	2.75	2.000	5.06	2 - 12	2.56	7/8	2.9	0.06	2.81
PDC-6.00	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	1	3.6	0.06	3.31
PDC-7.00	7.000	3.75	3.000	7.68	3 - 12	4.13	1 1/4	4.1	0.06	3.81
PDC-8.00	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	1 1/4	4.7	0.13	4.38
PDC-9.00	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	1 1/4	5.3	0.13	4.88
PDC-10.00	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	1 1/4	5.8	0.13	5.38

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





PDC – DCB ROLLER

Plain/Cylindrical - Stud Concentric - Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PDC-2.00	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.25
PDC-2.25	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.54
PDC-2.50	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.27
PDC-2.75	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.70
PDC-3.00	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	3.88
PDC-3.25	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.48
PDC-3.50	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	5.83
PDC-4.00	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	8.60
PDC-5.00	71,000	104,700	2,000	34,040	5,000	NBR Lip	FC DCRB	17.79
PDC-6.00	102,000	155,500	1,500	56,450	5,000	NBR Lip	FC DCRB	31.16
PDC-7.00	132,400	204,800	1,200	84,740	5,000	NBR Lip	FC DCRB	50.81
PDC-8.00	169,200	267,500	1,100	93,720	5,000	NBR Lip	FC DCRB	73.03
PDC-9.00	210,600	337,200	1,000	128,690	5,000	NBR Lip	FC DCRB	102.87
PDC-10.00	260,700	424,800	900	170,630	5,000	NBR Lip	FC DCRB	136.68



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

PDC-R – DCB ROLLER

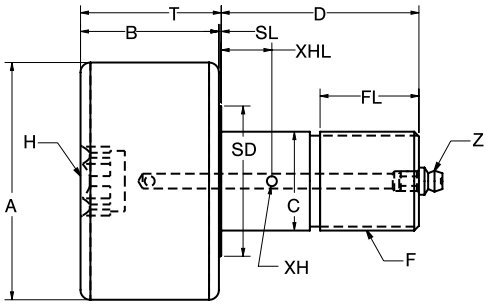
Plain/Cylindrical - Stud Concentric - Hex
Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		Hex Size	SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Roller Width + Len.	Dia	Loc.	
PDC-2.00-R	2.000	1.25	0.875	2.00	7/8 - 14	1.00	7/16	1.2	0.03	1.28	0.13	0.50	1/4 Drivet
PDC-2.25-R	2.250	1.25	0.875	2.00	7/8 - 14	1.00	7/16	1.2	0.03	1.28	0.13	0.50	1/4 Drivet
PDC-2.50-R	2.500	1.50	1.000	2.25	1 - 14	1.13	1/2	1.6	0.03	1.53	0.13	0.56	1/4 Drivet
PDC-2.75-R	2.750	1.50	1.000	2.25	1 - 14	1.13	1/2	1.6	0.03	1.53	0.13	0.56	1/4 Drivet
PDC-3.00-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78	0.13	0.63	1/4 Drive
PDC-3.25-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78	0.13	0.63	1/4 Drive
PDC-3.50-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	3/4	2.1	0.03	2.03	0.13	0.69	1/4 Drive
PDC-4.00-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	3/4	2.3	0.03	2.28	0.13	0.75	1/4 Drive
PDC-5.00-R	5.000	2.75	2.000	5.06	2 - 12	2.56	7/8	2.9	0.06	2.81	0.19	0.88	1/4-18 NPT
PDC-6.00-R	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	1	3.6	0.06	3.31	0.19	1.00	1/4-18 NPT
PDC-7.00-R	7.000	3.75	3.000	7.68	3 - 12	4.13	1 1/4	4.1	0.06	3.81	0.19	1.25	1/4-18 NPT
PDC-8.00-R	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	1 1/4	4.7	0.13	4.38	-	-	1/4-18 NPT‡
PDC-9.00-R	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	1 1/4	5.3	0.13	4.88	-	-	1/4-18 NPT‡
PDC-10.00-R	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	1 1/4	5.8	0.13	5.38	-	-	1/4-18 NPT‡

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
† Lubrication through threaded end and cross hole only
‡ Lubrication through hex in roller end only





PDC-R – DCB ROLLER

Plain/Cylindrical - Stud Concentric - Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PDC-2.00-R	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.25
PDC-2.25-R	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.54
PDC-2.50-R	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.27
PDC-2.75-R	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.70
PDC-3.00-R	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	3.88
PDC-3.25-R	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.48
PDC-3.50-R	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	5.83
PDC-4.00-R	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	8.60
PDC-5.00-R	71,000	104,700	2,000	34,040	5,000	NBR Lip	FC DCRB	17.79
PDC-6.00-R	102,000	155,500	1,500	56,450	5,000	NBR Lip	FC DCRB	31.16
PDC-7.00-R	132,400	204,800	1,200	84,740	5,000	NBR Lip	FC DCRB	50.81
PDC-8.00-R	169,200	267,500	1,100	93,720	5,000	NBR Lip	FC DCRB	73.03
PDC-9.00-R	210,600	337,200	1,000	128,690	5,000	NBR Lip	FC DCRB	102.87
PDC-10.00-R	260,700	424,800	900	170,630	5,000	NBR Lip	FC DCRB	136.68



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

PDC-H – DCB ROLLER

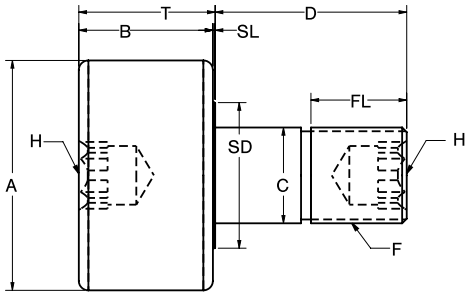
Plain/Cylindrical - Stud Concentric - Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
PDC-2.00-H	2.000	1.25	0.875	2.00	7/8 - 14	1.00	7/16	1.2	0.03	1.28
PDC-2.25-H	2.250	1.25	0.875	2.00	7/8 - 14	1.00	7/16	1.2	0.03	1.28
PDC-2.50-H	2.500	1.50	1.000	2.25	1 - 14	1.13	1/2	1.6	0.03	1.53
PDC-2.75-H	2.750	1.50	1.000	2.25	1 - 14	1.13	1/2	1.6	0.03	1.53
PDC-3.00-H	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78
PDC-3.25-H	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78
PDC-3.50-H	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	3/4	2.1	0.03	2.03
PDC-4.00-H	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	3/4	2.3	0.03	2.28
PDC-5.00-H	5.000	2.75	2.000	5.06	2 - 12	2.56	7/8	2.9	0.06	2.81
PDC-6.00-H	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	1	3.6	0.06	3.31
PDC-7.00-H	7.000	3.75	3.000	7.68	3 - 12	4.13	1 1/4	4.1	0.06	3.81
PDC-8.00-H	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	1 1/4	4.7	0.13	4.38
PDC-9.00-H	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	1 1/4	5.3	0.13	4.88
PDC-10.00-H	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	1 1/4	5.8	0.13	5.38

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





PDC-H – DCB ROLLER

Plain/Cylindrical - Stud Concentric - Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_O	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PDC-2.00-H	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.25
PDC-2.25-H	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.54
PDC-2.50-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.27
PDC-2.75-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.70
PDC-3.00-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	3.88
PDC-3.25-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.48
PDC-3.50-H	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	5.83
PDC-4.00-H	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	8.60
PDC-5.00-H	71,000	104,700	2,000	34,040	5,000	NBR Lip	FC DCRB	17.79
PDC-6.00-H	102,000	155,500	1,500	56,450	5,000	NBR Lip	FC DCRB	31.16
PDC-7.00-H	132,400	204,800	1,200	84,740	5,000	NBR Lip	FC DCRB	50.81
PDC-8.00-H	169,200	267,500	1,100	93,720	5,000	NBR Lip	FC DCRB	73.03
PDC-9.00-H	210,600	337,200	1,000	128,690	5,000	NBR Lip	FC DCRB	102.87
PDC-10.00-H	260,700	424,800	900	170,630	5,000	NBR Lip	FC DCRB	136.68



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F High and Low temperature options are available.

Specifications subject to change without notice.

PDC-R-H – DCB ROLLER

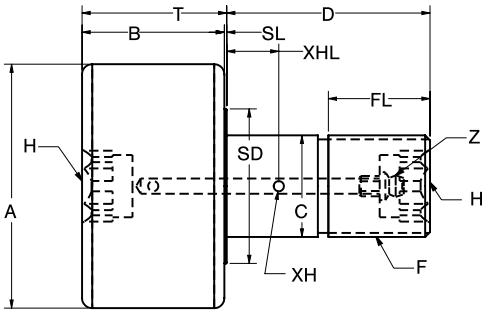
Plain/Cylindrical - Stud Concentric - Hex
Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		Hex Size	SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width	Dia	Loc.	
PDC-2.00-R-H	2.000	1.25	0.875	2.00	7/8 - 14	1.00	7/16	1.2	0.03	1.28	0.13	0.50	1/4-28 UNF†
PDC-2.25-R-H	2.250	1.25	0.875	2.00	7/8 - 14	1.00	7/16	1.2	0.03	1.28	0.13	0.50	1/4-28 UNF†
PDC-2.50-R-H	2.500	1.50	1.000	2.25	1 - 14	1.13	1/2	1.6	0.03	1.53	0.13	0.56	1/4-28 UNF†
PDC-2.75-R-H	2.750	1.50	1.000	2.25	1 - 14	1.13	1/2	1.6	0.03	1.53	0.13	0.56	1/4-28 UNF†
PDC-3.00-R-H	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78	0.13	0.63	1/4 Drive
PDC-3.25-R-H	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78	0.13	0.63	1/4 Drive
PDC-3.50-R-H	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	3/4	2.1	0.03	2.03	0.13	0.69	1/4 Drive
PDC-4.00-R-H	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	3/4	2.3	0.03	2.28	0.13	0.75	1/4 Drive
PDC-5.00-R-H	5.000	2.75	2.000	5.06	2 - 12	2.56	7/8	2.9	0.06	2.81	0.19	0.88	1/4-18 NPT
PDC-6.00-R-H	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	1	3.6	0.06	3.31	0.19	1.00	1/4-18 NPT
PDC-7.00-R-H	7.000	3.75	3.000	7.68	3 - 12	4.13	1 1/4	4.1	0.06	3.81	0.19	1.25	1/4-18 NPT
PDC-8.00-R-H	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	1 1/4	4.7	0.13	4.38	-	-	1/4-18 NPT‡
PDC-9.00-R-H	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	1 1/4	5.3	0.13	4.88	-	-	1/4-18 NPT‡
PDC-10.00-R-H	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	1 1/4	5.8	0.13	5.38	-	-	1/4-18 NPT‡

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
† Lubrication in threaded end and crosshole only. Grease fitting extends from end of stud
‡ Lubrication through hex in roller end only





PDC-R-H – DCB ROLLER

Plain/Cylindrical - Stud Concentric - Hex
Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PDC-2.00-R-H	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.25
PDC-2.25-R-H	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.54
PDC-2.50-R-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.27
PDC-2.75-R-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.70
PDC-3.00-R-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	3.88
PDC-3.25-R-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.48
PDC-3.50-R-H	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	5.83
PDC-4.00-R-H	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	8.60
PDC-5.00-R-H	71,000	104,700	2,000	34,040	5,000	NBR Lip	FC DCRB	17.79
PDC-6.00-R-H	102,000	155,500	1,500	56,450	5,000	NBR Lip	FC DCRB	31.16
PDC-7.00-R-H	132,400	204,800	1,200	84,740	5,000	NBR Lip	FC DCRB	50.81
PDC-8.00-R-H	169,200	267,500	1,100	93,720	5,000	NBR Lip	FC DCRB	73.03
PDC-9.00-R-H	210,600	337,200	1,000	128,690	5,000	NBR Lip	FC DCRB	102.87
PDC-10.00-R-H	260,700	424,800	900	170,630	5,000	NBR Lip	FC DCRB	136.68



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

PDCE – DCB ROLLER

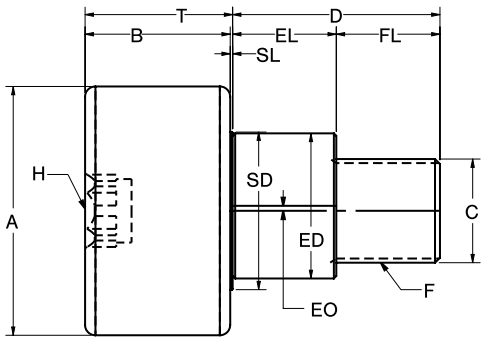
Plain/Cylindrical - Stud Eccentric - Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
PDCE-2.50	2.500	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	1.6	0.03	1.53
PDCE-2.75	2.750	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	1.6	0.03	1.53
PDCE-3.00	3.000	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78
PDCE-3.25	3.250	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78
PDCE-3.50	3.500	2.00	1.375	2.75	1.812	1.38	0.06	1 3/8 - 12	1.38	3/4	2.1	0.03	2.03
PDCE-4.00	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	3/4	2.3	0.03	2.28

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





PDCE – DCB ROLLER

Plain/Cylindrical - Stud Eccentric - Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PDCE-2.50	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.49
PDCE-2.75	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.92
PDCE-3.00	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.25
PDCE-3.25	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.87
PDCE-3.50	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	6.23
PDCE-4.00	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	9.34



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

PDCE-R – DCB ROLLER

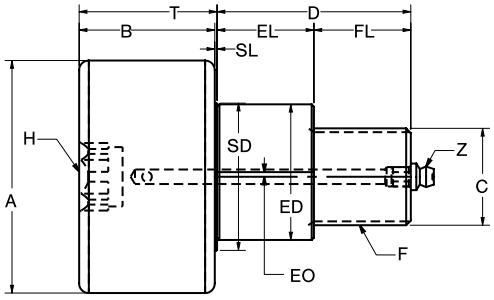
Plain/Cylindrical - Stud Eccentric - Hex
Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width	
PDCE-2.50-R	2.500	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	1.6	0.03	1.53	1/4 Drivet
PDCE-2.75-R	2.750	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	1.6	0.03	1.53	1/4 Drivet
PDCE-3.00-R	3.000	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78	1/4 Drive
PDCE-3.25-R	3.250	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78	1/4 Drive
PDCE-3.50-R	3.500	2.00	1.375	2.75	1.812	1.38	0.06	1 3/8 - 12	1.38	3/4	2.1	0.03	2.03	1/4 Drive
PDCE-4.00-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	3/4	2.3	0.03	2.28	1/4 Drive

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
† Lubrication in threaded end only.





PDCE-R – DCB ROLLER

Plain/Cylindrical - Stud Eccentric - Hex
Cylindrical Roller Bearings - Regreasable

∞ *Infinity Roller™ Technology*

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PDCE-2.50-R	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.49
PDCE-2.75-R	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.92
PDCE-3.00-R	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.25
PDCE-3.25-R	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.87
PDCE-3.50-R	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	6.23
PDCE-4.00-R	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	9.34



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

PDCE-H – DCB ROLLER

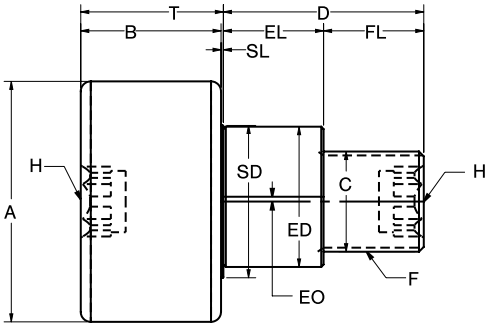
Plain/Cylindrical - Stud Eccentric - Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
PDCE-2.50-H	2.500	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	1.6	0.03	1.53
PDCE-2.75-H	2.750	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	1.6	0.03	1.53
PDCE-3.00-H	3.000	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78
PDCE-3.25-H	3.250	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78
PDCE-3.50-H	3.500	2.00	1.375	2.75	1.812	1.38	0.06	1 3/8 - 12	1.38	3/4	2.1	0.03	2.03
PDCE-4.00-H	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	3/4	2.3	0.03	2.28



PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly



PDCE-H – DCB ROLLER

Plain/Cylindrical - Stud Eccentric - Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_O	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PDCE-2.50-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.49
PDCE-2.75-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.92
PDCE-3.00-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.25
PDCE-3.25-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.87
PDCE-3.50-H	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	6.23
PDCE-4.00-H	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	9.34



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

PDCE-R-H – DCB ROLLER

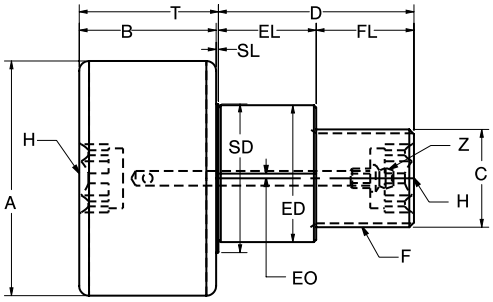
Plain/Cylindrical - Stud Eccentric - Hex
Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width	
PDCE-2.50-R-H	2.500	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	1.6	0.03	1.53	1/4-28 UNF†
PDCE-2.75-R-H	2.750	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	1.6	0.03	1.53	1/4-28 UNF†
PDCE-3.00-R-H	3.000	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78	1/4 Drive
PDCE-3.25-R-H	3.250	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	1.9	0.03	1.78	1/4 Drive
PDCE-3.50-R-H	3.500	2.00	1.375	2.75	1.812	1.38	0.06	1 3/8 - 12	1.38	3/4	2.1	0.03	2.03	1/4 Drive
PDCE-4.00-R-H	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	3/4	2.3	0.03	2.28	1/4 Drive

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
† Lubrication in threaded end only. Grease fitting extends from end of stud





PDCE-R-H – DCB ROLLER

Plain/Cylindrical - Stud Eccentric - Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PDCE-2.50-R-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.49
PDCE-2.75-R-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.92
PDCE-3.00-R-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.25
PDCE-3.25-R-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.87
PDCE-3.50-R-H	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	6.23
PDCE-4.00-R-H	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	9.34



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

HPDC – DCB ROLLERS

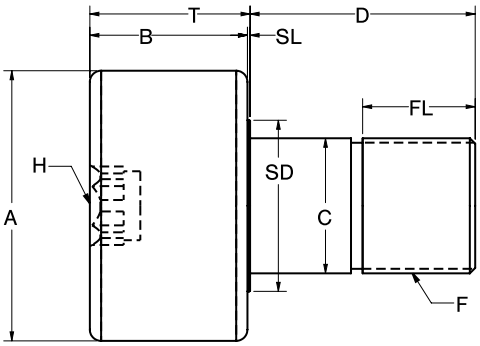
Plain/Cylindrical - Heavy Stud Concentric - Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
HPDC-2.50	2.500	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	1.6	0.03	1.53
HPDC-2.75	2.750	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	1.6	0.03	1.53
HPDC-3.00	3.000	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	1.9	0.03	1.78
HPDC-3.25	3.250	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	1.9	0.03	1.78
HPDC-3.50	3.500	2.00	1.750	2.75	1 3/4 - 12	1.38	3/4	2.1	0.03	2.03
HPDC-4.00	4.000	2.25	2.000	3.50	2 - 12	1.50	3/4	2.3	0.03	2.28
HPDC-5.00	5.000	2.75	2.500	5.06	2 1/2 - 12	2.56	7/8	2.9	0.06	2.81
HPDC-6.00	6.000	3.25	3.000	6.00	3 - 12	3.00	1	3.6	0.06	3.31
HPDC-7.00	7.000	3.75	3.500	7.68	3 1/2 - 4	4.13	1 1/4	4.1	0.06	3.81

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





HPDC – DCB ROLLERS

Plain/Cylindrical - Heavy Stud Concentric - Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_O	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
HPDC-2.50	18,600	24,280	3,700	15,270	1,500	NBR Lip	FC DCRB	2.55
HPDC-2.75	18,600	24,280	3,700	15,270	1,500	NBR Lip	FC DCRB	2.98
HPDC-3.00	27,600	38,000	3,100	22,670	2,250	NBR Lip	FC DCRB	4.26
HPDC-3.25	27,600	38,000	3,100	22,670	2,250	NBR Lip	FC DCRB	4.81
HPDC-3.50	36,000	50,100	2,900	31,570	5,000	NBR Lip	FC DCRB	6.51
HPDC-4.00	47,200	67,200	2,600	41,960	5,000	NBR Lip	FC DCRB	9.96
HPDC-5.00	71,000	104,700	2,000	66,490	5,000	NBR Lip	FC DCRB	20.12
HPDC-6.00	102,000	155,500	1,500	97,540	5,000	NBR Lip	FC DCRB	34.52
HPDC-7.00	132,400	204,800	1,200	134,570	5,000	NBR Lip	FC DCRB	55.80



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

HPDC-R – DCB ROLLERS

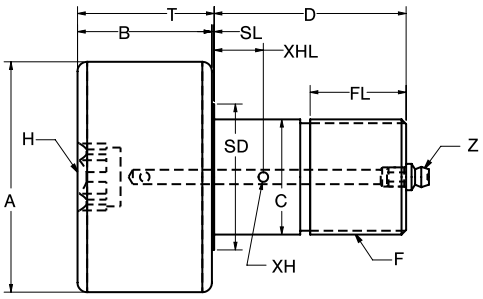
Plain/Cylindrical - Heavy Stud Concentric - Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		Hex Size	SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width	Dia	Loc.	
HPDC-2.50-R	2.500	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	1.6	0.03	1.53	0.13	0.56	1/4 Drivet
HPDC-2.75-R	2.750	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	1.6	0.03	1.53	0.13	0.56	1/4 Drivet
HPDC-3.00-R	3.000	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	1.9	0.03	1.78	0.13	0.63	1/4 Drive
HPDC-3.25-R	3.250	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	1.9	0.03	1.78	0.13	0.63	1/4 Drive
HPDC-3.50-R	3.500	2.00	1.750	2.75	1 3/4 - 12	1.38	3/4	2.1	0.03	2.03	0.13	0.69	1/4 Drive
HPDC-4.00-R	4.000	2.25	2.000	3.50	2 - 12	1.50	3/4	2.3	0.03	2.28	0.13	0.75	1/4 Drive
HPDC-5.00-R	5.000	2.75	2.500	5.06	2 1/2 - 12	2.56	7/8	2.9	0.06	2.81	0.19	0.88	1/4-18 NPT
HPDC-6.00-R	6.000	3.25	3.000	6.00	3 - 12	3.00	1	3.6	0.06	3.31	0.19	1.00	1/4-18 NPT
HPDC-7.00-R	7.000	3.75	3.500	7.68	3 1/2 - 4	4.13	1 1/4	4.1	0.06	3.81	0.19	1.25	1/4-18 NPT

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
† Lubrication in threaded end and cross hole only.





Solutions Through Innovation

HPDC-R – DCB ROLLERS

Plain/Cylindrical - Heavy Stud Concentric - Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
HPDC-2.50-R	18,600	24,280	15,270	1,500	NBR Lip	FC DCRB	2.55
HPDC-2.75-R	18,600	24,280	15,270	1,500	NBR Lip	FC DCRB	2.98
HPDC-3.00-R	27,600	38,000	22,670	2,250	NBR Lip	FC DCRB	4.26
HPDC-3.25-R	27,600	38,000	22,670	2,250	NBR Lip	FC DCRB	4.83
HPDC-3.50-R	36,000	50,100	31,570	5,000	NBR Lip	FC DCRB	6.51
HPDC-4.00-R	47,200	67,200	41,960	5,000	NBR Lip	FC DCRB	9.96
HPDC-5.00-R	71,000	104,700	66,490	5,000	NBR Lip	FC DCRB	20.12
HPDC-6.00-R	102,000	155,500	97,540	5,000	NBR Lip	FC DCRB	34.52
HPDC-7.00-R	132,400	204,800	134,570	5,000	NBR Lip	FC DCRB	55.80



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

HPDC-H – DCB ROLLERS

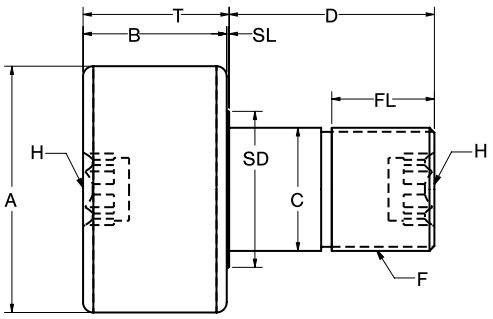
Plain/Cylindrical - Heavy Stud Concentric - Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
HPDC-2.50-H	2.500	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	1.6	0.03	1.53
HPDC-2.75-H	2.750	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	1.6	0.03	1.53
HPDC-3.00-H	3.000	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	1.9	0.03	1.78
HPDC-3.25-H	3.250	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	1.9	0.03	1.78
HPDC-3.50-H	3.500	2.00	1.750	2.75	1 3/4 - 12	1.38	3/4	2.1	0.03	2.03
HPDC-4.00-H	4.000	2.25	2.000	3.50	2 - 12	1.50	3/4	2.3	0.03	2.28
HPDC-5.00-H	5.000	2.75	2.500	5.06	2 1/2 - 12	2.56	7/8	2.9	0.06	2.81
HPDC-6.00-H	6.000	3.25	3.000	6.00	3 - 12	3.00	1	3.6	0.06	3.31
HPDC-7.00-H	7.000	3.75	3.500	7.68	3 1/2 - 4	4.13	1 1/4	4.1	0.06	3.81

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





HPDC-H – DCB ROLLERS

Plain/Cylindrical - Heavy Stud Concentric - Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
HPDC-2.50-H	18,600	24,280	3,700	15,270	1,500	NBR Lip	FC DCRB	2.55
HPDC-2.75-H	18,600	24,280	3,700	15,270	1,500	NBR Lip	FC DCRB	2.98
HPDC-3.00-H	27,600	38,000	3,100	22,670	2,250	NBR Lip	FC DCRB	4.26
HPDC-3.25-H	27,600	38,000	3,100	22,670	2,250	NBR Lip	FC DCRB	4.83
HPDC-3.50-H	36,000	50,100	2,900	31,570	5,000	NBR Lip	FC DCRB	6.51
HPDC-4.00-H	47,200	67,200	2,600	41,960	5,000	NBR Lip	FC DCRB	9.96
HPDC-5.00-H	71,000	104,700	2,000	66,490	5,000	NBR Lip	FC DCRB	20.12
HPDC-6.00-H	102,000	155,500	1,500	97,540	5,000	NBR Lip	FC DCRB	34.52
HPDC-7.00-H	132,400	204,800	1,200	134,570	5,000	NBR Lip	FC DCRB	55.80



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

HPDC-R-H – DCB ROLLERS

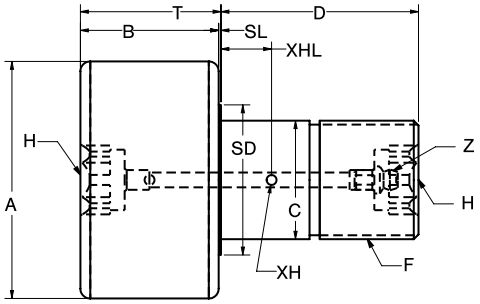
Plain/Cylindrical - Heavy Stud Concentric - Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		Hex Size	SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width	Dia	Loc.	
HPDC-2.50-R-H	2.500	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	1.6	0.03	1.53	0.13	0.56	1/4-28 UNF†
HPDC-2.75-R-H	2.750	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	1.6	0.03	1.53	0.13	0.56	1/4-28 UNF†
HPDC-3.00-R-H	3.000	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	1.9	0.03	1.78	0.13	0.63	1/4 Drive
HPDC-3.25-R-H	3.250	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	1.9	0.03	1.78	0.13	0.63	1/4 Drive
HPDC-3.50-R-H	3.500	2.00	1.750	2.75	1 3/4 - 12	1.38	3/4	2.1	0.03	2.03	0.13	0.69	1/4 Drive
HPDC-4.00-R-H	4.000	2.25	2.000	3.50	2 - 12	1.50	3/4	2.3	0.03	2.28	0.13	0.75	1/4 Drive
HPDC-5.00-R-H	5.000	2.75	2.500	5.06	2 1/2 - 12	2.56	7/8	2.9	0.06	2.81	0.19	0.88	1/4-18 NPT
HPDC-6.00-R-H	6.000	3.25	3.000	6.00	3 - 12	3.00	1	3.6	0.06	3.31	0.19	1.00	1/4-18 NPT
HPDC-7.00-R-H	7.000	3.75	3.500	7.68	3 1/2 - 4	4.13	1 1/4	4.1	0.06	3.81	0.19	1.25	1/4-18 NPT

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
† Lubrication in threaded end and only. Grease fitting extends from end of stud.





HPDC-R-H – DCB ROLLERS

Plain/Cylindrical - Heavy Stud Concentric - Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_O	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
HPDC-2.50-R-H	18,600	24,280	3,700	15,270	1,500	NBR Lip	FC DCRB	2.55
HPDC-2.75-R-H	18,600	24,280	3,700	15,270	1,500	NBR Lip	FC DCRB	2.98
HPDC-3.00-R-H	27,600	38,000	3,100	22,670	2,250	NBR Lip	FC DCRB	4.26
HPDC-3.25-R-H	27,600	38,000	3,100	22,670	2,250	NBR Lip	FC DCRB	4.83
HPDC-3.50-R-H	36,000	50,100	2,900	31,570	5,000	NBR Lip	FC DCRB	6.51
HPDC-4.00-R-H	47,200	67,200	2,600	41,960	5,000	NBR Lip	FC DCRB	9.96
HPDC-5.00-R-H	71,000	104,700	2,000	66,490	5,000	NBR Lip	FC DCRB	20.12
HPDC-6.00-R-H	102,000	155,500	1,500	97,540	5,000	NBR Lip	FC DCRB	34.52
HPDC-7.00-R-H	132,400	204,800	1,200	134,570	5,000	NBR Lip	FC DCRB	55.80



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

PDCY – DCB ROLLERS

Plain/Cylindrical - Yoke Cylindrical Roller Bearings

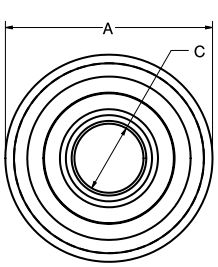
∞ Infinity Roller™ Technology

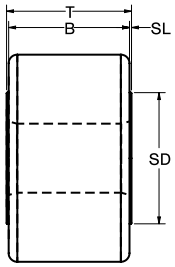
YOKE TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	SD	SL	T
	ROLLER		Bore Dia. +.0007 -.0000	SHOULDER		Inner Race Width +.005 -.010
	Dia. +.000 -.001	Width		Dia.	Len.	
PDCY-2.00	2.000	1.25	0.6250	1.2	0.03	1.313
PDCY-2.25	2.250	1.25	0.6250	1.2	0.03	1.313
PDCY-2.50	2.500	1.50	0.7500	1.6	0.03	1.563
PDCY-2.75	2.750	1.50	0.7500	1.6	0.03	1.563
PDCY-3.00	3.000	1.75	1.0000	1.9	0.03	1.813
PDCY-3.25	3.250	1.75	1.0000	1.9	0.03	1.813
PDCY-3.50	3.500	2.00	1.1250	2.1	0.03	2.063
PDCY-4.00	4.000	2.25	1.2500	2.3	0.03	2.313
PDCY-5.00	5.000	2.75	1.7500	2.9	0.06	2.875
PDCY-6.00	6.000	3.25	2.2500	3.6	0.06	3.375
PDCY-7.00	7.000	3.75	2.7500	4.1	0.06	3.875
PDCY-8.00	8.000	4.25	3.2550	4.7	0.13	4.500
PDCY-9.00	9.000	4.75	3.7550	5.3	0.13	5.000
PDCY-10.00	10.000	5.25	4.2550	5.9	0.13	5.500

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.625	YSHE-.625
YSH-.625	YSHE-.625
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-1.000	YSHE-1.000
YSH-1.000	YSHE-1.000
YSH-1.125	YSHE-1.125
YSH-1.250	YSHE-1.250
YSH-1.750	YSHE-1.750
YSH-2.250	YSHE-2.250
YSH-2.750	YSHE-2.750
YSH-3.250	-
YSH-3.750	-
YSH-4.250	-



PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





PDCY – DCB ROLLERS

Plain/Cylindrical - Yoke Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PDCY-2.00	12,140	15,310	4,100	NBR Lip	FC DCRB	0.83
PDCY-2.25	12,140	15,310	4,100	NBR Lip	FC DCRB	1.12
PDCY-2.50	18,600	24,280	3,700	NBR Lip	FC DCRB	1.62
PDCY-2.75	18,600	24,280	3,700	NBR Lip	FC DCRB	2.05
PDCY-3.00	27,600	38,000	3,100	NBR Lip	FC DCRB	2.69
PDCY-3.25	27,600	38,000	3,100	NBR Lip	FC DCRB	3.29
PDCY-3.50	36,000	50,100	2,900	NBR Lip	FC DCRB	4.18
PDCY-4.00	47,200	67,200	2,600	NBR Lip	FC DCRB	6.14
PDCY-5.00	71,000	104,700	2,000	NBR Lip	FC DCRB	11.49
PDCY-6.00	102,000	155,500	1,500	NBR Lip	FC DCRB	19.36
PDCY-7.00	132,400	204,800	1,200	NBR Lip	FC DCRB	29.53
PDCY-8.00	169,200	267,500	1,100	NBR Lip	FC DCRB	43.46
PDCY-9.00	210,600	337,200	1,000	NBR Lip	FC DCRB	60.53
PDCY-10.00	260,700	424,800	900	NBR Lip	FC DCRB	81.77



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

PDCY-R – DCB ROLLERS

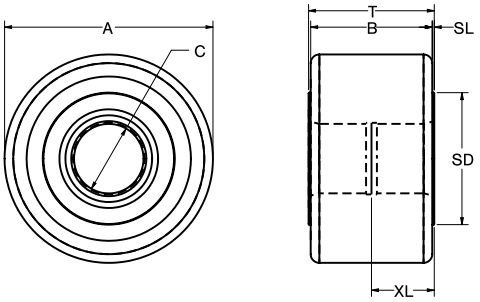
Plain/Cylindrical - Yoke
Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	SD	SL	T	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	SHOULDER		Inner Race Width +.005 -.010	Grease Groove Location	Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width		Dia.	Len.				
PDCY-2.00-R	2.000	1.25	0.6250	1.2	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
PDCY-2.25-R	2.250	1.25	0.6250	1.2	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
PDCY-2.50-R	2.500	1.50	0.7500	1.6	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
PDCY-2.75-R	2.750	1.50	0.7500	1.6	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
PDCY-3.00-R	3.000	1.75	1.0000	1.9	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
PDCY-3.25-R	3.250	1.75	1.0000	1.9	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
PDCY-3.50-R	3.500	2.00	1.1250	2.1	0.03	2.063	1.03	YSH-1.125-R	YSHE-1.125-R
PDCY-4.00-R	4.000	2.25	1.2500	2.3	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R
PDCY-5.00-R	5.000	2.75	1.7500	2.9	0.06	2.875	1.44	YSH-1.750-R	YSHE-1.750-R
PDCY-6.00-R	6.000	3.25	2.2500	3.6	0.06	3.375	1.69	YSH-2.250-R	YSHE-2.250-R
PDCY-7.00-R	7.000	3.75	2.7500	4.1	0.06	3.875	1.94	YSH-2.750-R	YSHE-2.750-R
PDCY-8.00-R	8.000	4.25	3.2550	4.7	0.13	4.500	2.25	YSH-3.250-R	-
PDCY-9.00-R	9.000	4.75	3.7550	5.3	0.13	5.000	2.50	YSH-3.750-R	-
PDCY-10.00-R	10.000	5.25	4.2550	5.9	0.13	5.500	2.75	YSH-4.250-R	-

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





PDCY-R – DCB ROLLERS

Plain/Cylindrical - Yoke
Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PDCY-2.00-R	12,140	15,310	4,100	NBR Lip	FC DCRB	0.83
PDCY-2.25-R	12,140	15,310	4,100	NBR Lip	FC DCRB	1.12
PDCY-2.50-R	18,600	24,280	3,700	NBR Lip	FC DCRB	1.62
PDCY-2.75-R	18,600	24,280	3,700	NBR Lip	FC DCRB	2.05
PDCY-3.00-R	27,600	38,000	3,100	NBR Lip	FC DCRB	2.69
PDCY-3.25-R	27,600	38,000	3,100	NBR Lip	FC DCRB	3.29
PDCY-3.50-R	36,000	50,100	2,900	NBR Lip	FC DCRB	4.18
PDCY-4.00-R	47,200	67,200	2,600	NBR Lip	FC DCRB	6.14
PDCY-5.00-R	71,000	104,700	2,000	NBR Lip	FC DCRB	11.49
PDCY-6.00-R	102,000	155,500	1,500	NBR Lip	FC DCRB	19.36
PDCY-7.00-R	132,400	204,800	1,200	NBR Lip	FC DCRB	29.53
PDCY-8.00-R	169,200	267,500	1,100	NBR Lip	FC DCRB	43.46
PDCY-9.00-R	210,600	337,200	1,000	NBR Lip	FC DCRB	60.53
PDCY-10.00-R	260,700	424,800	900	NBR Lip	FC DCRB	81.77



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

Intentional Blank Page

DCB ROLLERS

Crowned/Spherical Stud and Yoke Type Double Cylindrical Roller Bearings

∞ | *Infinity Roller™ Technology*

CROWNED BODY PROFILE
is spherical in shape to effectively carry radial loads and used on flat tracks.

SIGNIFICANT LOAD CAPABILITY
for combination loads or misalignment accommodation - providing a solution to cam follower performance issues.

HEAVY STUD OPTION IS AVAILABLE
to increase stud capacities at least 70%. This upgrade is the most extensive offering of shock load protection for drop-in replacements to cam follower designs.

YOKE MOUNTING TYPES
feature easy installation slip fit bores to eliminate tedious installation methods.



Crown is exaggerated for illustration only.
Yoke image shown

DOUBLE CYLINDRICAL ROLLER BEARINGS
feature a unique profile configuration with the optimal quantity and size of guided rolling elements with axial installation to ensure improved dimensional and running accuracy, less friction, cleaner bearing steels, and quieter operation.

BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains the integrity of the assembly by preventing premature fracture under shock loads.

NITRILE RUBBER LIP SEALS WITH EXPANDED GREASE BARRIER
offer slinger functionality for maximum protection of the bearing elements from external contamination. Full contact rubber lip seals with 5 times the grease capacity of cam followers and 20% more grease capacity than other brands.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

HIGH ALLOY BEARING STEEL STUD / INNER RACE
provides dependable performance under load.

CDC – DCB ROLLER

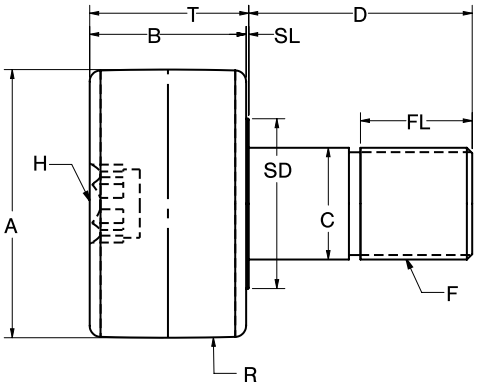
Crowned/Spherical – Stud Concentric – Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width
CDC-2.00	2.000	1.25	0.875	2.00	7/8 - 14	1.00	7/16	24	1.2	0.03	1.28
CDC-2.25	2.250	1.25	0.875	2.00	7/8 - 14	1.00	7/16	24	1.2	0.03	1.28
CDC-2.50	2.500	1.50	1.000	2.25	1 - 14	1.13	1/2	30	1.6	0.03	1.53
CDC-2.75	2.750	1.50	1.000	2.25	1 - 14	1.13	1/2	30	1.6	0.03	1.53
CDC-3.00	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78
CDC-3.25	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78
CDC-3.50	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	3/4	30	2.1	0.03	2.03
CDC-4.00	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	3/4	30	2.3	0.03	2.28
CDC-5.00	5.000	2.75	2.000	5.06	2 - 12	2.56	7/8	48	2.9	0.06	2.81
CDC-6.00	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	1	56	3.6	0.06	3.31
CDC-7.00	7.000	3.75	3.000	7.68	3 - 12	4.13	1 1/4	60	4.1	0.06	3.81
CDC-8.00	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	1 1/4	40	4.7	0.13	4.38
CDC-9.00	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	1 1/4	40	5.3	0.13	4.88
CDC-10.00	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	1 1/4	40	5.8	0.13	5.38

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





CDC – DCB ROLLER

Crowned/Spherical – Stud Concentric – Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CDC-2.00	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.25
CDC-2.25	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.54
CDC-2.50	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.27
CDC-2.75	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.69
CDC-3.00	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	3.87
CDC-3.25	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.46
CDC-3.50	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	5.81
CDC-4.00	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	8.58
CDC-5.00	71,000	104,700	2,000	34,040	5,000	NBR Lip	FC DCRB	17.74
CDC-6.00	102,000	155,500	1,500	56,450	5,000	NBR Lip	FC DCRB	31.07
CDC-7.00	132,400	204,800	1,200	84,740	5,000	NBR Lip	FC DCRB	50.65
CDC-8.00	169,200	267,500	1,100	93,720	5,000	NBR Lip	FC DCRB	72.50
CDC-9.00	210,600	337,200	1,000	128,690	5,000	NBR Lip	FC DCRB	102.04
CDC-10.00	260,700	424,800	900	170,630	5,000	NBR Lip	FC DCRB	135.42



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

CDC-R – DCB ROLLERS

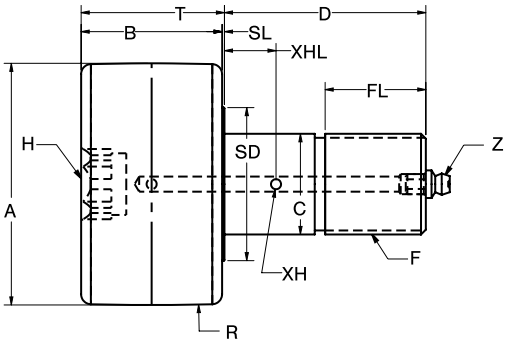
Crowned/Spherical – Stud Concentric – Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width	Dia.	Len.	
CDC-2.00-R	2.000	1.25	0.875	2.00	7/8 - 14	1.00	7/16	24	1.2	0.03	1.28	0.13	0.50	1/4 Drivet
CDC-2.25-R	2.250	1.25	0.875	2.00	7/8 - 14	1.00	7/16	24	1.2	0.03	1.28	0.13	0.50	1/4 Drivet
CDC-2.50-R	2.500	1.50	1.000	2.25	1 - 14	1.13	1/2	30	1.6	0.03	1.53	0.13	0.56	1/4 Drivet
CDC-2.75-R	2.750	1.50	1.000	2.25	1 - 14	1.13	1/2	30	1.6	0.03	1.53	0.13	0.56	1/4 Drivet
CDC-3.00-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78	0.13	0.63	1/4 Drive
CDC-3.25-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78	0.13	0.63	1/4 Drive
CDC-3.50-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	3/4	30	2.1	0.03	2.03	0.13	0.69	1/4 Drive
CDC-4.00-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	3/4	30	2.3	0.03	2.28	0.13	0.75	1/4 Drive
CDC-5.00-R	5.000	2.75	2.000	5.06	2 - 12	2.56	7/8	48	2.9	0.06	2.81	0.19	0.88	1/4-18 NPT
CDC-6.00-R	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	1	56	3.6	0.06	3.31	0.19	1.00	1/4-18 NPT
CDC-7.00-R	7.000	3.75	3.000	7.68	3 - 12	4.13	1 1/4	60	4.1	0.06	3.81	0.19	1.25	1/4-18 NPT
CDC-8.00-R	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	1 1/4	40	4.7	0.13	4.38	-	-	1/4-18 NPT‡
CDC-9.00-R	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	1 1/4	40	5.3	0.13	4.88	-	-	1/4-18 NPT‡
CDC-10.00-R	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	1 1/4	40	5.8	0.13	5.38	-	-	1/4-18 NPT‡

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
† Lubrication through threaded end and cross hole only
‡ Lubrication through hex in roller end only.





CDC-R – DCB ROLLERS

Crowned/Spherical – Stud Concentric – Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CDC-2.00-R	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.25
CDC-2.25-R	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.54
CDC-2.50-R	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.27
CDC-2.75-R	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.69
CDC-3.00-R	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	3.87
CDC-3.25-R	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.46
CDC-3.50-R	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	5.81
CDC-4.00-R	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	8.58
CDC-5.00-R	71,000	104,700	2,000	34,040	5,000	NBR Lip	FC DCRB	17.74
CDC-6.00-R	102,000	155,500	1,500	56,450	5,000	NBR Lip	FC DCRB	31.07
CDC-7.00-R	132,400	204,800	1,200	84,740	5,000	NBR Lip	FC DCRB	50.65
CDC-8.00-R	169,200	267,500	1,100	93,720	5,000	NBR Lip	FC DCRB	72.50
CDC-9.00-R	210,600	337,200	1,000	128,690	5,000	NBR Lip	FC DCRB	102.04
CDC-10.00-R	260,700	424,800	900	170,630	5,000	NBR Lip	FC DCRB	135.42



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

CDC-H – DCB ROLLERS

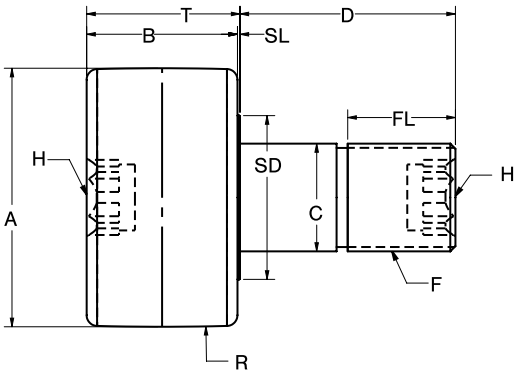
Crowned/Spherical – Stud Concentric – Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width
CDC-2.00-H	2.000	1.25	0.875	2.00	7/8 - 14	1.00	7/16	24	1.2	0.03	1.28
CDC-2.25-H	2.250	1.25	0.875	2.00	7/8 - 14	1.00	7/16	24	1.2	0.03	1.28
CDC-2.50-H	2.500	1.50	1.000	2.25	1 - 14	1.13	1/2	30	1.6	0.03	1.53
CDC-2.75-H	2.750	1.50	1.000	2.25	1 - 14	1.13	1/2	30	1.6	0.03	1.53
CDC-3.00-H	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78
CDC-3.25-H	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78
CDC-3.50-H	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	3/4	30	2.1	0.03	2.03
CDC-4.00-H	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	3/4	30	2.3	0.03	2.28
CDC-5.00-H	5.000	2.75	2.000	5.06	2 - 12	2.56	7/8	48	2.9	0.06	2.81
CDC-6.00-H	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	1	56	3.6	0.06	3.31
CDC-7.00-H	7.000	3.75	3.000	7.68	3 - 12	4.13	1 1/4	60	4.1	0.06	3.81
CDC-8.00-H	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	1 1/4	40	4.7	0.13	4.38
CDC-9.00-H	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	1 1/4	40	5.3	0.13	4.88
CDC-10.00-H	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	1 1/4	40	5.8	0.13	5.38

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





CDC-H – DCB ROLLERS

Crowned/Spherical – Stud Concentric – Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CDC-2.00-H	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.25
CDC-2.25-H	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.54
CDC-2.50-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.27
CDC-2.75-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.69
CDC-3.00-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	3.87
CDC-3.25-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.46
CDC-3.50-H	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	5.81
CDC-4.00-H	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	8.58
CDC-5.00-H	71,000	104,700	2,000	34,040	5,000	NBR Lip	FC DCRB	17.74
CDC-6.00-H	102,000	155,500	1,500	56,450	5,000	NBR Lip	FC DCRB	31.07
CDC-7.00-H	132,400	204,800	1,200	84,740	5,000	NBR Lip	FC DCRB	50.65
CDC-8.00-H	169,200	267,500	1,100	93,720	5,000	NBR Lip	FC DCRB	72.50
CDC-9.00-H	210,600	337,200	1,000	128,690	5,000	NBR Lip	FC DCRB	102.04
CDC-10.00-H	260,700	424,800	900	170,630	5,000	NBR Lip	FC DCRB	135.42



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F High and Low temperature options are available.

Specifications subject to change without notice.

CDC-R-H – DCB ROLLERS

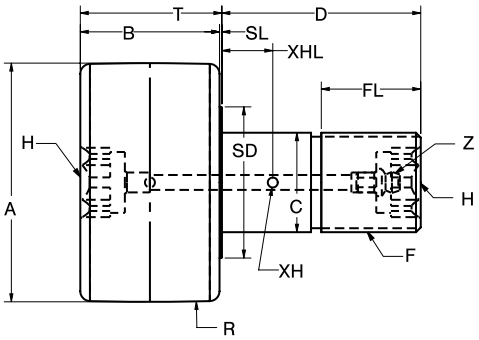
Crowned/Spherical – Stud Concentric – Hex
Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width	Dia.	Len.	
CDC-2.00-R-H	2.000	1.25	0.875	2.00	7/8 - 14	1.00	7/16	24	1.2	0.03	1.28	0.13	0.50	1/4-28 UNF†
CDC-2.25-R-H	2.250	1.25	0.875	2.00	7/8 - 14	1.00	7/16	24	1.2	0.03	1.28	0.13	0.50	1/4-28 UNF†
CDC-2.50-R-H	2.500	1.50	1.000	2.25	1 - 14	1.13	1/2	30	1.6	0.03	1.53	0.13	0.56	1/4-28 UNF†
CDC-2.75-R-H	2.750	1.50	1.000	2.25	1 - 14	1.13	1/2	30	1.6	0.03	1.53	0.13	0.56	1/4-28 UNF†
CDC-3.00-R-H	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78	0.13	0.63	1/4 Drive
CDC-3.25-R-H	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78	0.13	0.63	1/4 Drive
CDC-3.50-R-H	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	3/4	30	2.1	0.03	2.03	0.13	0.69	1/4 Drive
CDC-4.00-R-H	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	3/4	30	2.3	0.03	2.28	0.13	0.75	1/4 Drive
CDC-5.00-R-H	5.000	2.75	2.000	5.06	2 - 12	2.56	7/8	48	2.9	0.06	2.81	0.19	0.88	1/4-18 NPT
CDC-6.00-R-H	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	1	56	3.6	0.06	3.31	0.19	1.00	1/4-18 NPT
CDC-7.00-R-H	7.000	3.75	3.000	7.68	3 - 12	4.13	1 1/4	60	4.1	0.06	3.81	0.19	1.25	1/4-18 NPT
CDC-8.00-R-H	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	1 1/4	40	4.7	0.13	4.38	-	-	1/4-18 NPT‡
CDC-9.00-R-H	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	1 1/4	40	5.3	0.13	4.88	-	-	1/4-18 NPT‡
CDC-10.00-R-H	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	1 1/4	40	5.8	0.13	5.38	-	-	1/4-18 NPT‡

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
† Lubrication in threaded end and cross hole only. Grease fitting extends from end of stud
‡ Lubrication through hex in roller end only.





CDC-R-H – DCB ROLLERS

Crowned/Spherical – Stud Concentric – Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CDC-2.00-R-H	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.25
CDC-2.25-R-H	12,140	15,310	4,100	6,260	650	NBR Lip	FC DCRB	1.54
CDC-2.50-R-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.27
CDC-2.75-R-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.69
CDC-3.00-R-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	3.87
CDC-3.25-R-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.46
CDC-3.50-R-H	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	5.81
CDC-4.00-R-H	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	8.58
CDC-5.00-R-H	71,000	104,700	2,000	34,040	5,000	NBR Lip	FC DCRB	17.74
CDC-6.00-R-H	102,000	155,500	1,500	56,450	5,000	NBR Lip	FC DCRB	31.07
CDC-7.00-R-H	132,400	204,800	1,200	84,740	5,000	NBR Lip	FC DCRB	50.65
CDC-8.00-R-H	169,200	267,500	1,100	93,720	5,000	NBR Lip	FC DCRB	72.50
CDC-9.00-R-H	210,600	337,200	1,000	128,690	5,000	NBR Lip	FC DCRB	102.04
CDC-10.00-R-H	260,700	424,800	900	170,630	5,000	NBR Lip	FC DCRB	135.42



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

CDCE – DCB ROLLERS

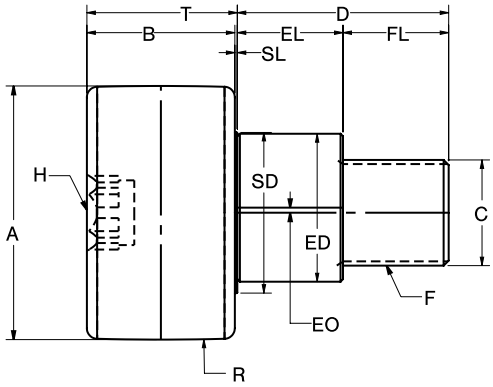
Crowned/Spherical – Stud Eccentric – Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width.
CDCE-2.50	2.500	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	30	1.6	0.03	1.53
CDCE-2.75	2.750	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	30	1.6	0.03	1.53
CDCE-3.00	3.000	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78
CDCE-3.25	3.250	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78
CDCE-3.50	3.500	2.00	1.375	2.75	1.812	1.38	0.06	1 3/8 - 12	1.38	3/4	30	2.1	0.03	2.03
CDCE-4.00	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	3/4	30	2.3	0.03	2.28

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





CDCE – DCB ROLLERS

Crowned/Spherical – Stud Eccentric – Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_O	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CDCE-2.50	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.48
CDCE-2.75	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.91
CDCE-3.00	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.28
CDCE-3.25	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.86
CDCE-3.50	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	6.21
CDCE-4.00	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	9.31



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

CDCE-R – DCB ROLLERS

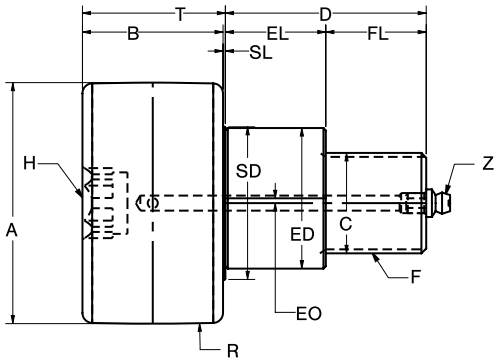
Crowned/Spherical – Stud Eccentric – Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width	
CDCE-2.50-R	2.500	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	30	1.6	0.03	1.53	1/4 Drivet
CDCE-2.75-R	2.750	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	30	1.6	0.03	1.53	1/4 Drivet
CDCE-3.00-R	3.000	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78	1/4 Drive
CDCE-3.25-R	3.250	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78	1/4 Drive
CDCE-3.50-R	3.500	2.00	1.375	2.75	1.812	1.38	0.06	1 3/8 - 12	1.38	3/4	30	2.1	0.03	2.03	1/4 Drive
CDCE-4.00-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	3/4	30	2.3	0.03	2.28	1/4 Drive



PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
† Lubrication in threaded end only.



CDCE-R – DCB ROLLERS

Crowned/Spherical – Stud Eccentric – Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CDCE-2.50-R	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.48
CDCE-2.75-R	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.91
CDCE-3.00-R	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.28
CDCE-3.25-R	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.86
CDCE-3.50-R	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	6.21
CDCE-4.00-R	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	9.31



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

CDCE-H – DCB ROLLERS

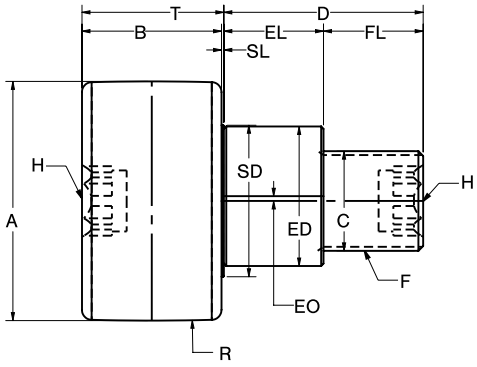
Crowned/Spherical – Stud Eccentric – Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width
CDCE-2.50-H	2.500	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	30	1.6	0.03	1.53
CDCE-2.75-H	2.750	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	30	1.6	0.03	1.53
CDCE-3.00-H	3.000	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78
CDCE-3.25-H	3.250	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78
CDCE-3.50-H	3.500	2.00	1.375	2.75	1.812	1.38	0.06	1 3/8 - 12	1.38	3/4	30	2.1	0.03	2.03
CDCE-4.00-H	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	3/4	30	2.3	0.03	2.28

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





CDCE-H – DCB ROLLERS

Crowned/Spherical – Stud Eccentric – Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CDCE-2.50-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.48
CDCE-2.75-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.91
CDCE-3.00-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.28
CDCE-3.25-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.86
CDCE-3.50-H	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	6.21
CDCE-4.00-H	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	9.31



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

CDCE-R-H – DCB ROLLERS

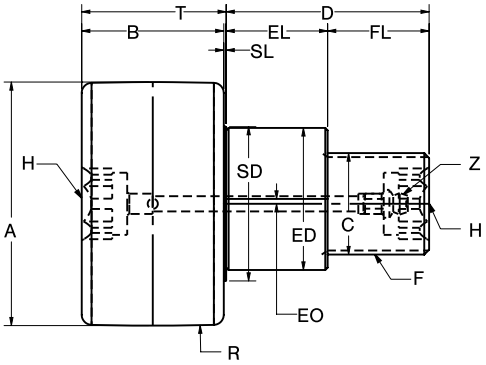
Crowned/Spherical – Stud Eccentric – Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER			Lube Size
∞ | PART NUMBER	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width	
CDCE-2.50-R-H	2.500	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	30	1.6	0.03	1.53	1/4-28 UNF†
CDCE-2.75-R-H	2.750	1.50	1.000	2.25	1.375	1.13	0.03	1 - 14	1.13	1/2	30	1.6	0.03	1.53	1/4-28 UNF†
CDCE-3.00-R-H	3.000	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78	1/4 Drive
CDCE-3.25-R-H	3.250	1.75	1.250	2.50	1.750	1.25	0.06	1 1/4 - 12	1.25	3/4	30	1.9	0.03	1.78	1/4 Drive
CDCE-3.50-R-H	3.500	2.00	1.375	2.75	1.812	1.38	0.06	1 3/8 - 12	1.38	3/4	30	2.1	0.03	2.03	1/4 Drive
CDCE-4.00-R-H	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	3/4	30	2.3	0.03	2.28	1/4 Drive



PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
† Lubrication in threaded end only. Grease fitting extends from end of stud



CDCE-R-H – DCB ROLLERS

Crowned/Spherical – Stud Eccentric – Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CDCE-2.50-R-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.48
CDCE-2.75-R-H	18,600	24,280	3,700	7,820	2,250	NBR Lip	FC DCRB	2.91
CDCE-3.00-R-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.28
CDCE-3.25-R-H	27,600	38,000	3,100	13,120	3,450	NBR Lip	FC DCRB	4.86
CDCE-3.50-R-H	36,000	50,100	2,900	15,310	5,000	NBR Lip	FC DCRB	6.21
CDCE-4.00-R-H	47,200	67,200	2,600	17,700	5,000	NBR Lip	FC DCRB	9.31



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

HCDC – DCB ROLLERS

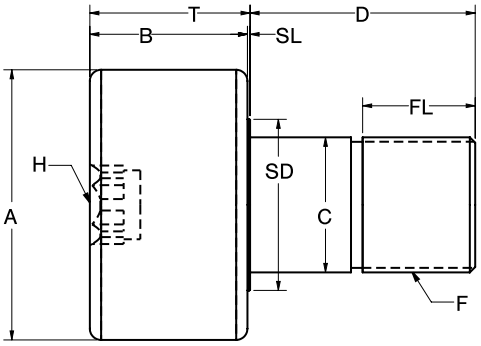
Crowned/Spherical – Heavy Stud Concentric – Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width
HCDC-2.50	2.500	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	30	1.6	0.03	1.53
HCDC-2.75	2.750	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	30	1.6	0.03	1.53
HCDC-3.00	3.000	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	30	1.9	0.03	1.78
HCDC-3.25	3.250	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	30	1.9	0.03	1.78
HCDC-3.50	3.500	2.00	1.750	2.75	1 3/4 - 12	1.38	3/4	30	2.1	0.03	2.03
HCDC-4.00	4.000	2.25	2.000	3.50	2 - 12	1.50	3/4	30	2.3	0.03	2.28
HCDC-5.00	5.000	2.75	2.500	5.06	2 1/2 - 12	2.56	7/8	48	2.9	0.06	2.81
HCDC-6.00	6.000	3.25	3.000	6.00	3 - 12	3.00	1	56	3.6	0.06	3.31
HCDC-7.00	7.000	3.75	3.500	7.68	3 1/2 - 4	4.13	1 1/4	60	4.1	0.06	3.81

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





HCDC – DCB ROLLERS

Crowned/Spherical – Heavy Stud Concentric – Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_O	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
HCDC-2.50	18,600	24,280	3,700	15,270	1,500	NBR Lip	FC DCRB	2.54
HCDC-2.75	18,600	24,280	3,700	15,270	1,500	NBR Lip	FC DCRB	2.97
HCDC-3.00	27,600	38,000	3,100	22,670	2,250	NBR Lip	FC DCRB	4.22
HCDC-3.25	27,600	38,000	3,100	22,670	2,250	NBR Lip	FC DCRB	4.82
HCDC-3.50	36,000	50,100	2,900	31,570	5,000	NBR Lip	FC DCRB	6.49
HCDC-4.00	47,200	67,200	2,600	41,960	5,000	NBR Lip	FC DCRB	9.88
HCDC-5.00	71,000	104,700	2,000	66,490	5,000	NBR Lip	FC DCRB	20.15
HCDC-6.00	102,000	155,500	1,500	97,540	5,000	NBR Lip	FC DCRB	34.39
HCDC-7.00	132,400	204,800	1,200	134,570	5,000	NBR Lip	FC DCRB	55.65



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

HCDC-R – DCB ROLLERS

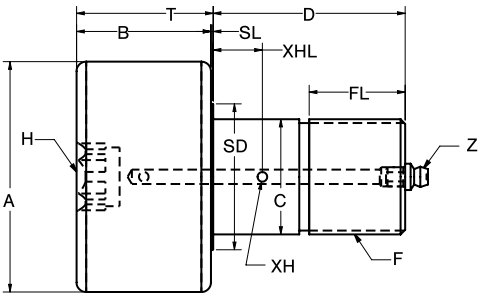
Crowned/Spherical – Heavy Stud Concentric – Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width	Dia.	Len.	
HCDC-2.50-R	2.500	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	30	1.6	0.03	1.53	0.13	0.56	1/4 Drive†
HCDC-2.75-R	2.750	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	30	1.6	0.03	1.53	0.13	0.56	1/4 Drive†
HCDC-3.00-R	3.000	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	30	1.9	0.03	1.78	0.13	0.63	1/4 Drive
HCDC-3.25-R	3.250	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	30	1.9	0.03	1.78	0.13	0.63	1/4 Drive
HCDC-3.50-R	3.500	2.00	1.750	2.75	1 3/4 - 12	1.38	3/4	30	2.1	0.03	2.03	0.13	0.69	1/4 Drive
HCDC-4.00-R	4.000	2.25	2.000	3.50	2 - 12	1.50	3/4	30	2.3	0.03	2.28	0.13	0.75	1/4 Drive
HCDC-5.00-R	5.000	2.75	2.500	5.06	2 1/2 - 12	2.56	7/8	48	2.9	0.06	2.81	0.19	0.88	1/4-18 NPT
HCDC-6.00-R	6.000	3.25	3.000	6.00	3 - 12	3.00	1	56	3.6	0.06	3.31	0.19	1.00	1/4-18 NPT
HCDC-7.00-R	7.000	3.75	3.500	7.68	3 1/2 - 4	4.13	1 1/4	60	4.1	0.06	3.81	0.19	1.25	1/4-18 NPT

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
‡ Lubrication through hex in roller end only.





HCDC-R – DCB ROLLERS

Crowned/Spherical – Heavy Stud Concentric – Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
HCDC-2.50-R	18,600	24,280	3,700	15,270	1,500	NBR Lip	FC DCRB	2.54
HCDC-2.75-R	18,600	24,280	3,700	15,270	1,500	NBR Lip	FC DCRB	2.97
HCDC-3.00-R	27,600	38,000	3,100	22,670	2,250	NBR Lip	FC DCRB	4.22
HCDC-3.25-R	27,600	38,000	3,100	22,670	2,250	NBR Lip	FC DCRB	4.82
HCDC-3.50-R	36,000	50,100	2,900	31,570	5,000	NBR Lip	FC DCRB	6.49
HCDC-4.00-R	47,200	67,200	2,600	41,960	5,000	NBR Lip	FC DCRB	9.88
HCDC-5.00-R	71,000	104,700	2,000	66,490	5,000	NBR Lip	FC DCRB	20.15
HCDC-6.00-R	102,000	155,500	1,500	97,540	5,000	NBR Lip	FC DCRB	34.43
HCDC-7.00-R	132,400	204,800	1,200	134,570	5,000	NBR Lip	FC DCRB	55.65



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

HCDC-H – DCB ROLLERS

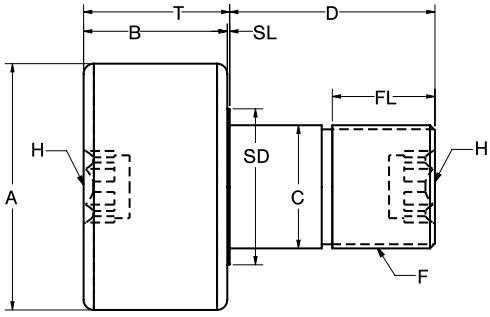
Crowned/Spherical - Heavy Stud Concentric - Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width
HCDC-2.50-H	2.500	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	30	1.6	0.03	1.53
HCDC-2.75-H	2.750	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	30	1.6	0.03	1.53
HCDC-3.00-H	3.000	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	30	1.9	0.03	1.78
HCDC-3.25-H	3.250	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	30	1.9	0.03	1.78
HCDC-3.50-H	3.500	2.00	1.750	2.75	1 3/4 - 12	1.38	3/4	30	2.1	0.03	2.03
HCDC-4.00-H	4.000	2.25	2.000	3.50	2 - 12	1.50	3/4	30	2.3	0.03	2.28
HCDC-5.00-H	5.000	2.75	2.500	5.06	2 1/2 - 12	2.56	7/8	48	2.9	0.06	2.81
HCDC-6.00-H	6.000	3.25	3.000	6.00	3 - 12	3.00	1	56	3.6	0.06	3.31
HCDC-7.00-H	7.000	3.75	3.500	7.68	3 1/2 - 4	4.13	1 1/4	60	4.1	0.06	3.81

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





HCDC-H – DCB ROLLERS

Crowned/Spherical - Heavy Stud Concentric - Hex Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
HCDC-2.50-H	18,600	24,280	3,700	15,270	1,500	NBR Lip	FC DCRB	2.54
HCDC-2.75-H	18,600	24,280	3,700	15,270	1,500	NBR Lip	FC DCRB	2.97
HCDC-3.00-H	27,600	38,000	3,100	22,670	2,250	NBR Lip	FC DCRB	4.22
HCDC-3.25-H	27,600	38,000	3,100	22,670	2,250	NBR Lip	FC DCRB	4.82
HCDC-3.50-H	36,000	50,100	2,900	31,570	5,000	NBR Lip	FC DCRB	6.49
HCDC-4.00-H	47,200	67,200	2,600	41,960	5,000	NBR Lip	FC DCRB	9.88
HCDC-5.00-H	71,000	104,700	2,000	66,490	5,000	NBR Lip	FC DCRB	20.15
HCDC-6.00-H	102,000	155,500	1,500	97,540	5,000	NBR Lip	FC DCRB	34.43
HCDC-7.00-H	132,400	204,800	1,200	134,570	5,000	NBR Lip	FC DCRB	55.65



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

HCDC-R-H – DCB ROLLERS

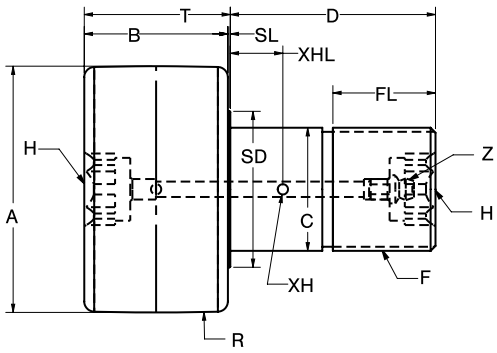
Crowned/Spherical - Heavy Stud Concentric - Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T	XH	XHL	Z
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER			CROSSHOLE		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width	Dia.	Loc.	
HCDC-2.50-R-H	2.500	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	30	1.6	0.03	1.53	0.13	0.56	1/4-28 UNF†
HCDC-2.75-R-H	2.750	1.50	1.250	2.25	1 1/4 - 12	1.13	3/4	30	1.6	0.03	1.53	0.13	0.56	1/4-28 UNF†
HCDC-3.00-R-H	3.000	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	30	1.9	0.03	1.78	0.13	0.63	1/4 Drive
HCDC-3.25-R-H	3.250	1.75	1.500	2.50	1 1/2 - 12	1.25	3/4	30	1.9	0.03	1.78	0.13	0.63	1/4 Drive
HCDC-3.50-R-H	3.500	2.00	1.750	2.75	1 3/4 - 12	1.38	3/4	30	2.1	0.03	2.03	0.13	0.69	1/4 Drive
HCDC-4.00-R-H	4.000	2.25	2.000	3.50	2 - 12	1.50	3/4	30	2.3	0.03	2.28	0.13	0.75	1/4 Drive
HCDC-5.00-R-H	5.000	2.75	2.500	5.06	2 1/2 - 12	2.56	7/8	48	2.9	0.06	2.81	0.19	0.88	1/4-18 NPT
HCDC-6.00-R-H	6.000	3.25	3.000	6.00	3 - 12	3.00	1	56	3.6	0.06	3.31	0.19	1.00	1/4-18 NPT
HCDC-7.00-R-H	7.000	3.75	3.500	7.68	3 1/2 - 4	4.13	1 1/4	60	4.1	0.06	3.81	0.19	1.25	1/4-18 NPT

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
† Lubrication in threaded end and cross hole only. Grease fitting extends from end of stud





HCDC-R-H – DCB ROLLERS

Crowned/Spherical - Heavy Stud Concentric - Hex Cylindrical Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_0	Max Speed Rating (rpm)	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
HCDC-2.50-R-H	18,600	24,280	3,700	15,270	1,500	NBR Lip	FC DCRB	2.54
HCDC-2.75-R-H	18,600	24,280	3,700	15,270	1,500	NBR Lip	FC DCRB	2.97
HCDC-3.00-R-H	27,600	38,000	3,100	22,670	2,250	NBR Lip	FC DCRB	4.22
HCDC-3.25-R-H	27,600	38,000	3,100	22,670	2,250	NBR Lip	FC DCRB	4.82
HCDC-3.50-R-H	36,000	50,100	2,900	31,570	5,000	NBR Lip	FC DCRB	6.49
HCDC-4.00-R-H	47,200	67,200	2,600	41,960	5,000	NBR Lip	FC DCRB	9.88
HCDC-5.00-R-H	71,000	104,700	2,000	66,490	5,000	NBR Lip	FC DCRB	20.15
HCDC-6.00-R-H	102,000	155,500	1,500	97,540	5,000	NBR Lip	FC DCRB	34.43
HCDC-7.00-R-H	132,400	204,800	1,200	134,570	5,000	NBR Lip	FC DCRB	55.65



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

CDCY – DCB ROLLERS

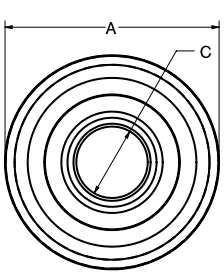
Crowned/Spherical – Yoke Cylindrical Roller Bearings

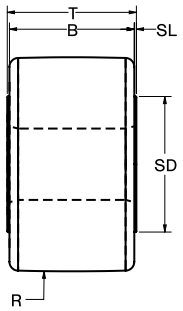
∞ Infinity Roller™ Technology

YOKE TYPE CAM FOLLOWER ∞ | PART NUMBER	A	B	C	R	SD	SL	T	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	Crown Radius	SHOULDER		Inner Race Width +.005 -.010	Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width			Dia.	Len.			
CDCY-2.00	2.000	1.25	0.6250	24	1.2	0.03	1.313	YSH-.625	YSHE-.625
CDCY-2.25	2.250	1.25	0.6250	24	1.2	0.03	1.313	YSH-.625	YSHE-.625
CDCY-2.50	2.500	1.50	0.7500	30	1.6	0.03	1.563	YSH-.750	YSHE-.750
CDCY-2.75	2.750	1.50	0.7500	30	1.6	0.03	1.563	YSH-.750	YSHE-.750
CDCY-3.00	3.000	1.75	1.0000	30	1.9	0.03	1.813	YSH-1.000	YSHE-1.000
CDCY-3.25	3.250	1.75	1.0000	30	1.9	0.03	1.813	YSH-1.000	YSHE-1.000
CDCY-3.50	3.500	2.00	1.1250	30	2.1	0.03	2.063	YSH-1.125	YSHE-1.125
CDCY-4.00	4.000	2.25	1.2500	30	2.3	0.03	2.313	YSH-1.250	YSHE-1.250
CDCY-5.00	5.000	2.75	1.7500	48	2.9	0.06	2.875	YSH-1.750	YSHE-1.750
CDCY-6.00	6.000	3.25	2.2500	56	3.6	0.06	3.375	YSH-2.250	YSHE-2.250
CDCY-7.00	7.000	3.75	2.7500	60	4.1	0.06	3.875	YSH-2.750	YSHE-2.750
CDCY-8.00	8.000	4.25	3.2550	40	4.7	0.13	4.500	YSH-3.250	-
CDCY-9.00	9.000	4.75	3.7550	40	5.3	0.13	5.000	YSH-3.750	-
CDCY-10.00	10.000	5.25	4.2550	40	5.9	0.13	5.500	YSH-4.250	-

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly







CDCY – DCB ROLLERS

Crowned/Spherical – Yoke Cylindrical Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CDCY-2.00	12,140	15,310	4,100	NBR Lip	FC DCRB	0.83
CDCY-2.25	12,140	15,310	4,100	NBR Lip	FC DCRB	1.11
CDCY-2.50	18,600	24,280	3,700	NBR Lip	FC DCRB	1.61
CDCY-2.75	18,600	24,280	3,700	NBR Lip	FC DCRB	2.04
CDCY-3.00	27,600	38,000	3,100	NBR Lip	FC DCRB	2.68
CDCY-3.25	27,600	38,000	3,100	NBR Lip	FC DCRB	3.28
CDCY-3.50	36,000	50,100	2,900	NBR Lip	FC DCRB	4.15
CDCY-4.00	47,200	67,200	2,600	NBR Lip	FC DCRB	6.11
CDCY-5.00	71,000	104,700	2,000	NBR Lip	FC DCRB	11.44
CDCY-6.00	102,000	155,500	1,500	NBR Lip	FC DCRB	19.38
CDCY-7.00	132,400	204,800	1,200	NBR Lip	FC DCRB	29.66
CDCY-8.00	169,200	267,500	1,100	NBR Lip	FC DCRB	42.93
CDCY-9.00	210,600	337,200	1,000	NBR Lip	FC DCRB	59.70
CDCY-10.00	260,700	424,800	900	NBR Lip	FC DCRB	80.67



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

CDCY-R – DCB ROLLERS

Crowned/Spherical – Yoke
Cylindrical Roller Bearings - Regreasable

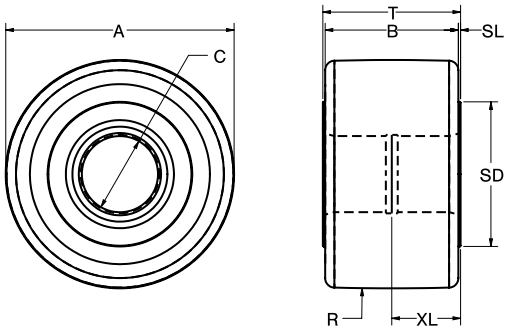
∞ Infinity Roller™ Technology

YOKE TYPE DCB ROLLER ∞ | PART NUMBER	A	B	C	R	SD	SL	T	XL
	ROLLER				SHOULDER			
	Dia. +.000 -.001	Width	Bore Dia. +.0007 -.0000	Crown Radius	Dia.	Len.	Inner Race Width +.005 -.010	Grease Groove Location
CDCY-2.00-R	2.000	1.25	0.6250	24	1.2	0.03	1.313	0.66
CDCY-2.25-R	2.250	1.25	0.6250	24	1.2	0.03	1.313	0.66
CDCY-2.50-R	2.500	1.50	0.7500	30	1.6	0.03	1.563	0.78
CDCY-2.75-R	2.750	1.50	0.7500	30	1.6	0.03	1.563	0.78
CDCY-3.00-R	3.000	1.75	1.0000	30	1.9	0.03	1.813	0.91
CDCY-3.25-R	3.250	1.75	1.0000	30	1.9	0.03	1.813	0.91
CDCY-3.50-R	3.500	2.00	1.1250	30	2.1	0.03	2.063	1.03
CDCY-4.00-R	4.000	2.25	1.2500	30	2.3	0.03	2.313	1.16
CDCY-5.00-R	5.000	2.75	1.7500	48	2.9	0.06	2.875	1.44
CDCY-6.00-R	6.000	3.25	2.2500	56	3.6	0.06	3.375	1.69
CDCY-7.00-R	7.000	3.75	2.7500	60	4.1	0.06	3.875	1.94
CDCY-8.00-R	8.000	4.25	3.2550	40	4.7	0.13	4.500	2.25
CDCY-9.00-R	9.000	4.75	3.7550	40	5.3	0.13	5.000	2.50
CDCY-10.00-R	10.000	5.25	4.2550	40	5.9	0.13	5.500	2.75

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.625-R	YSHE-.625-R
YSH-.625-R	YSHE-.625-R
YSH-.750-R	YSHE-.750-R
YSH-.750-R	YSHE-.750-R
YSH-1.000-R	YSHE-1.000-R
YSH-1.000-R	YSHE-1.000-R
YSH-1.125-R	YSHE-1.125-R
YSH-1.250-R	YSHE-1.250-R
YSH-1.750-R	YSHE-1.750-R
YSH-2.250-R	YSHE-2.250-R
YSH-2.750-R	YSHE-2.750-R
YSH-3.250-R	-
YSH-3.750-R	-
YSH-4.250-R	-

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





CDCY-R – DCB ROLLERS

Crowned/Spherical – Yoke
Cylindrical Roller Bearings - Regreasable

∞ *Infinity Roller™ Technology*

YOKE TYPE DCB ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CDCY-2.00-R	12,140	15,310	4,100	NBR Lip	FC DCRB	0.83
CDCY-2.25-R	12,140	15,310	4,100	NBR Lip	FC DCRB	1.11
CDCY-2.50-R	18,600	24,280	3,700	NBR Lip	FC DCRB	1.61
CDCY-2.75-R	18,600	24,280	3,700	NBR Lip	FC DCRB	2.04
CDCY-3.00-R	27,600	38,000	3,100	NBR Lip	FC DCRB	2.68
CDCY-3.25-R	27,600	38,000	3,100	NBR Lip	FC DCRB	3.28
CDCY-3.50-R	36,000	50,100	2,900	NBR Lip	FC DCRB	4.15
CDCY-4.00-R	47,200	67,200	2,600	NBR Lip	FC DCRB	6.11
CDCY-5.00-R	71,000	104,700	2,000	NBR Lip	FC DCRB	11.44
CDCY-6.00-R	102,000	155,500	1,500	NBR Lip	FC DCRB	19.38
CDCY-7.00-R	132,400	204,800	1,200	NBR Lip	FC DCRB	29.66
CDCY-8.00-R	169,200	267,500	1,100	NBR Lip	FC DCRB	42.93
CDCY-9.00-R	210,600	337,200	1,000	NBR Lip	FC DCRB	59.70
CDCY-10.00-R	260,700	424,800	900	NBR Lip	FC DCRB	80.67



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

PCI®

Solutions Through Innovation





LOAD BEARING ROLLER ASSEMBLIES

TRACK ROLLERS



(989) 358-6148 | www.pcimfg.com

EXTREME DUTY SOLUTION

BODY MATERIAL
None - Steel
N - Non-Metallic

SIZING
None - Imperial (Inches/Decimals)
M - Metric (Millimeters)

ROLLER BODY PROFILE
P - Plain / Cylindrical
C - Crowned / Spherical
F - Flanged
FF - Double Flanged
V - V-Grooved
U - U-Grooved
CIR - Channel & I-Beam
WGR - Wire Guide

TRACK ROLLER
"TR" is omitted for CIR & WGR units

MOUNTING TYPE
None - Concentric Stud Type
E - Eccentric Stud Type
Y - Yoke Type

ROLLER SIZE
Imperial: (Inches / Decimals)
Metric: (Millimeters)

Prefix *Prefix*

F TR E - 2. 50 E - __ - __ - R - __

Flanged, Track Roller, Eccentric, 2.50" Roller Diameter, Extra Capacity, Regreasable

Suffix *Suffix* *Suffix* *Suffix* *Suffix*

CAPACITY
None - Standard
E - Extra Capacity
A - Alternate

STEEL TYPE *EXTREME DUTY SOLUTION*
None - Carbon Steel
SS - 316 Stainless Steel
SSP - "Plus" Stainless Steel

TEMPERATURE *EXTREME DUTY SOLUTION*
None - Standard Temperature
HT - High Temperature
XHT - Extreme High Temperture

RELUBRICATION
None - Lube for Life
R - Regreasable

BEARING OPTION
None - Infinity Brand
CSO - Cost Savings Option

Solutions Through Innovation

TRACK ROLLERS

Stud and Yoke Type
Ball and Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

MOST EXTENSIVE OFFERING
in the industry with the greatest number of body profiles and largest diameter offerings. Multiple mounting arrangements effectively carry a balanced load on a variety of track configurations. Extreme duty and reduced re-lube frequency options available.

COMBINATION LOAD CAPABILITY
provides a solution to performance problems associated with misalignment and non-linear tracks.

LOWER MAINTENANCE COST
premium lubricants, multi-faceted sealed for life designs, and industry leading bearings formulate an unbeatable combination surpassing the life of other manufacturers - with PCI Track Rollers lasting up to 2 times longer than other brands.

Yoke images shown





SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

TIMKEN MATCHED SET OF TAPERED ROLLER BEARINGS
ensure maximum thrust load paired with moderate radial load capacity in a precision bearing package.

BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

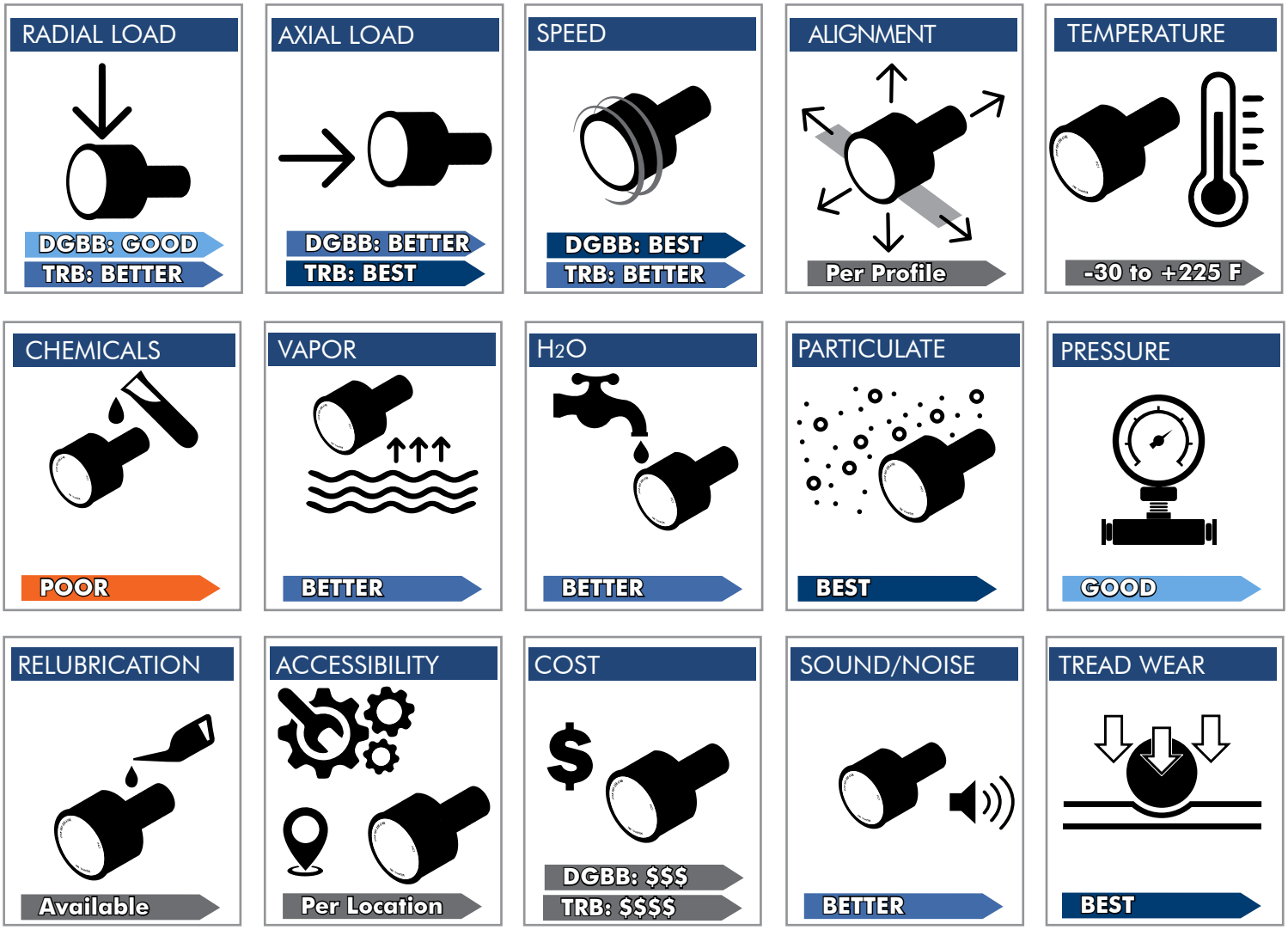
NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD OR EASY INSTALLATION SLIP FIT BORE
is high strength material providing dependable performance under load.

TECHNICAL ASSISTANCE AND PRODUCT SELECTION

Application factors greatly impact proper selection and functionality of your load bearing roller assembly. If selection is conducted in haste, a load bearing roller assembly may be inadequately chosen, leading to premature failure and costly downtime. This dashboard indicator will help you determine which PCI Load Bearing Roller Assembly is right for your unique application.



Dashboard Indicating Color Scale

= informational only

TRACK ROLLERS

Stud and Yoke Type
Ball and Tapered Roller Bearings

Cost Savings Option (CSO)

MULTIPLE MOUNTING ARRANGEMENTS
effectively carry a balanced load on a variety of track configurations.

COMBINATION LOAD CAPABILITY
provides a solution to performance problems associated with misalignment and non-linear tracks.

COMPETITIVE COST OPTIONS
that align with "other" non-premium brands.

Yoke images shown





DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

TAPERED ROLLER BEARINGS
provides thrust load paired with moderate radial load capacity.

BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

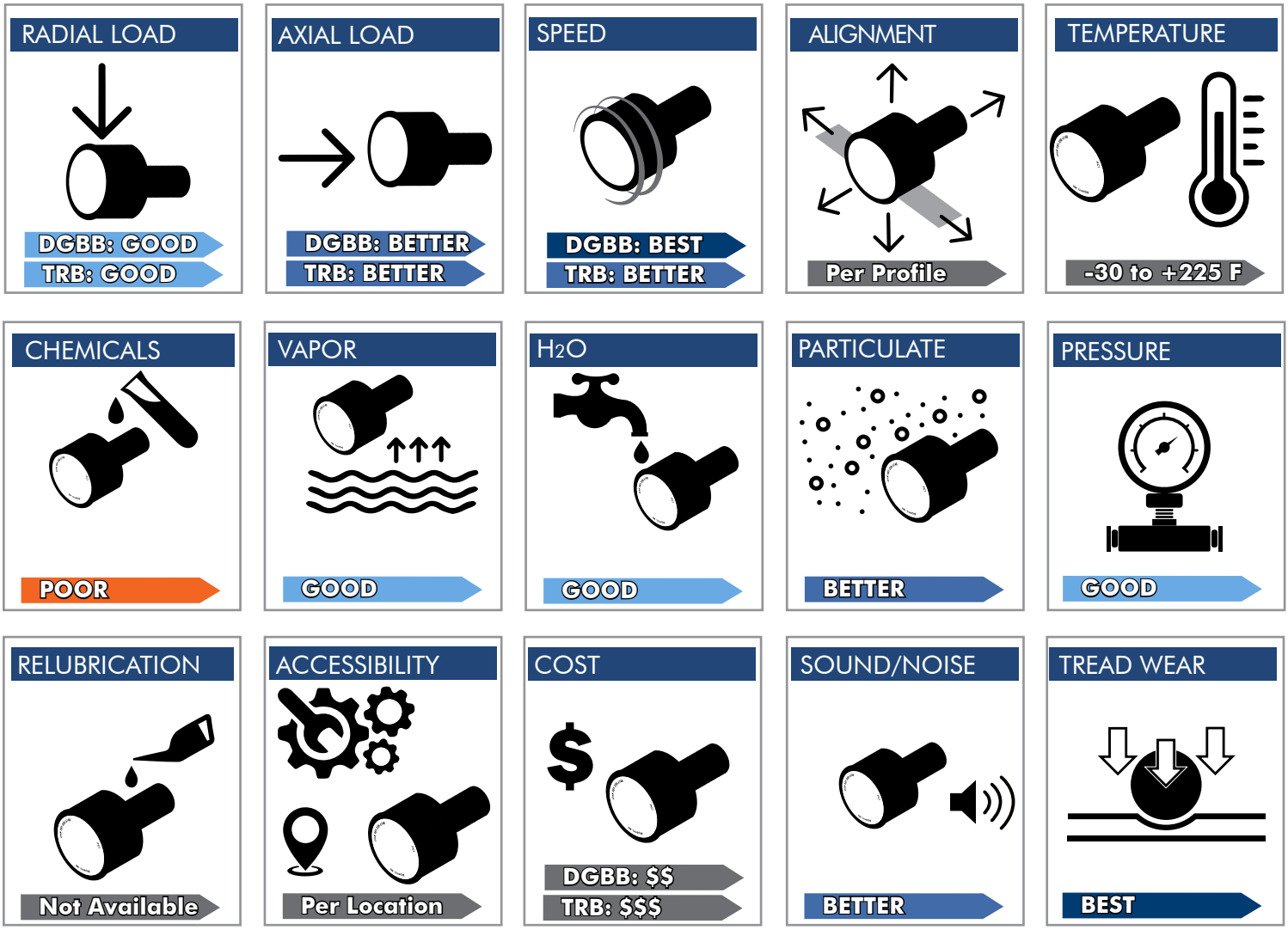
NITRILE RUBBER LIP SEALS
aid with lubricant retention and exclude contaminants to protect the bearing elements.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD OR EASY INSTALLATION SLIP FIT BORE
is high strength material providing dependable performance under load.

TECHNICAL ASSISTANCE AND PRODUCT SELECTION

Application factors greatly impact proper selection and functionality of your load bearing roller assembly. If selection is conducted in haste, a load bearing roller assembly may be inadequately chosen, leading to premature failure and costly downtime. This dashboard indicator will help you determine which PCI Load Bearing Roller Assembly is right for your unique application.



Dashboard Indicating Color Scale

= informational only

TRACK ROLLERS

PTR - Plain/Cylindrical – Stud Type Ball Bearings

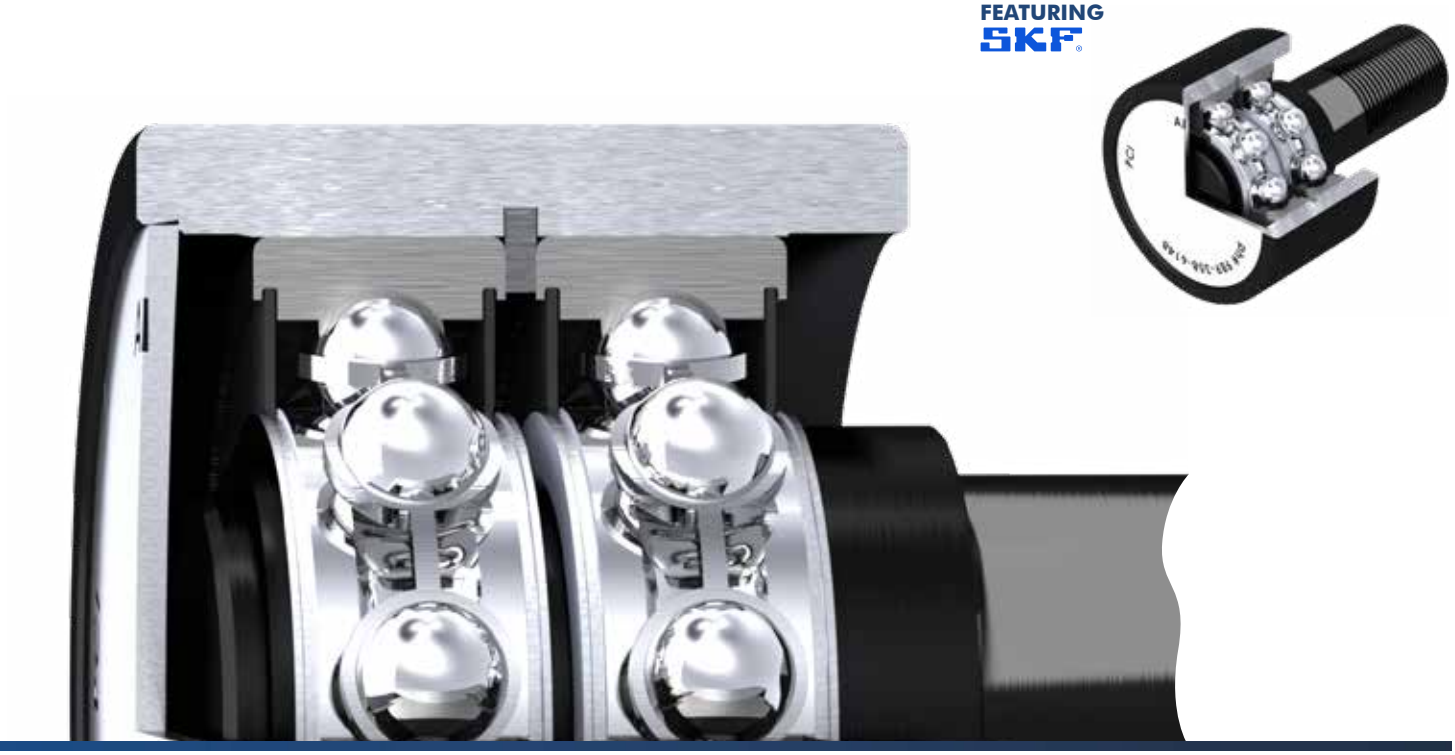
∞| *Infinity Roller™ Technology*

PLAIN BODY PROFILE
is cylindrical in shape to effectively carry radial loads and commonly used on flat tracks.

LOWEST COST TRACK ROLLER PROFILE
still boasts PCI Load Bearing Roller Assemblies industry leading tolerances.

PROVIDES FLOTATION
when used in tandem with locational units (flanged, v-grooved, etc.).

FEATURING SKF



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

Solutions Through Innovation

TRACK ROLLERS

PTR - Plain/Cylindrical - Stud Type Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

PLAIN BODY PROFILE
is cylindrical in shape to effectively carry radial loads and commonly used on flat tracks.

LOWEST COST TRACK ROLLER PROFILE
still boasts PCI Load Bearing Roller Assemblies industry leading tolerances.

PROVIDES FLOTATION
when used in tandem with locational units (flanged, v-grooved, etc.).

FEATURING TIMKEN



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER DUAL LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

TIMKEN TAPERED ROLLER BEARINGS
precision matched sets ensure maximum thrust load paired with moderate radial load capacity.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

PTR – TRACK ROLLERS

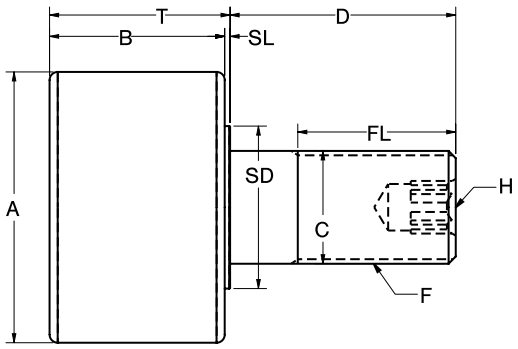
Plain/Cylindrical – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
PTR-1.00	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
PTR-1.00-CSO	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
PTR-1.125	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
PTR-1.125-CSO	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
PTR-1.25	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
PTR-1.25-CSO	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
PTR-1.375	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
PTR-1.375-CSO	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
PTR-1.50	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	0.8	0.06	1.19
PTR-1.50-CSO	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	0.8	0.06	1.19
PTR-1.75-5	1.750	1.13	0.500	0.88	1/2- 13	0.75	-	.625(HEX)	0.32	1.44
PTR-1.75	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.06	1.19
PTR-1.75-CSO	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.06	1.19
PTR-2.00-2	2.000	1.32	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.38
PTR-2.00	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
PTR-2.00-CSO	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
PTR-2.25	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
PTR-2.25-CSO	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
PTR-2.50	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
PTR-2.50-CSO	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
PTR-2.50-10	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.19	1.81
PTR-2.50E	2.500	1.75	1.000	2.25	1 - 14	1.50	1/2	1.3	0.06	1.81
PTR-2.50E-CSO	2.500	1.75	1.000	2.25	1 - 14	1.50	1/2	1.3	0.06	1.81
PTR-2.75	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
PTR-2.75-CSO	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
PTR-2.75E	2.750	1.75	1.000	2.25	1 - 14	1.50	1/2	1.3	0.06	1.81
PTR-2.75E-CSO	2.750	1.75	1.000	2.25	1 - 14	1.50	1/2	1.3	0.06	1.81
PTR-3.00A	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-3.00	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-3.00-CSO	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-3.25A	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-3.25	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-3.25-CSO	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-3.50A	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-3.50	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-3.50-CSO	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-4.00A	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-4.00	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-4.00-CSO	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-4.50	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-4.50-CSO	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-5.00	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	3.0	0.06	3.00
PTR-5.00-CSO	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	3.0	0.06	3.00
PTR-6.00	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00
PTR-6.00-CSO	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00
PTR-7.00	7.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00
PTR-7.00-CSO	7.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00
PTR-8.00	8.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00
PTR-8.00-CSO	8.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00
PTR-10.00	10.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00
PTR-10.00-8	10.000	4.87	4.250	9.00	3 1/2 - 4	4.00	5/8	5.0	0.13	5.00







PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option contain more economical seals and rolling elements

Solutions Through Innovation

PTR – TRACK ROLLERS

Plain/Cylindrical – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTR-1.00	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.17
PTR-1.00-CSO	860	430	220	60	24,000	500	470	180	NBR Lip	DGBB	0.17
PTR-1.125	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.22
PTR-1.125-CSO	860	430	220	60	24,000	500	470	180	NBR Lip	DGBB	0.22
PTR-1.25	1,430	750	360	190	19,000	900	470	180	NBR Lip	PREMIUM DGBB	0.30
PTR-1.25-CSO	1,230	640	360	80	19,000	900	470	180	NBR Lip	DGBB	0.30
PTR-1.375	1,430	750	360	190	19,000	900	470	180	NBR Lip	PREMIUM DGBB	0.36
PTR-1.375-CSO	1,230	640	360	80	19,000	900	470	180	NBR Lip	DGBB	0.36
PTR-1.50	2,660	1,400	670	350	17,000	1,570	550	350	NBR Lip	PREMIUM DGBB	0.56
PTR-1.50-CSO	2,660	1,400	670	350	17,000	1,570	550	350	NBR Lip	DGBB	0.56
PTR-1.75-5	2,660	1,400	670	350	15,000	1,020	550	650	NBR Lip	PREMIUM DGBB	0.70
PTR-1.75	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	PREMIUM DGBB	0.86
PTR-1.75-CSO	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	DGBB	0.86
PTR-2.00-2	3,630	2,140	1,820	1,070	12,000	3,520	900	650	NBR Lip	PREMIUM DGBB	1.23
PTR-2.00	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	1.39
PTR-2.00-CSO	3,630	2,140	1,570	540	12,000	4,360	900	650	NBR Lip	DGBB	1.39
PTR-2.25	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	1.86
PTR-2.25-CSO	3,630	2,140	1,570	540	12,000	4,360	900	650	NBR Lip	DGBB	1.86
PTR-2.50	5,390	3,510	2,700	1,760	8,500	8,180	1,340	650	NBR Lip	PREMIUM DGBB	2.34
PTR-2.50-CSO	5,390	3,510	2,410	880	8,500	8,180	1,340	650	NBR Lip	DGBB	2.34
PTR-2.50-10	5,390	3,510	2,700	1,760	8,500	7,160	1,340	650	NBR Lip	PREMIUM DGBB	2.26
PTR-2.50E	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	2.48
PTR-2.50E-CSO	10,880	14,800	4,010	9,470	2,100	7,660	-	1,500	NBR Dual Lip	TRB	2.48
PTR-2.75	5,390	3,510	2,700	1,760	8,500	8,180	1,340	650	NBR Lip	PREMIUM DGBB	2.82
PTR-2.75-CSO	5,390	3,510	2,410	880	8,500	8,180	1,340	650	NBR Lip	DGBB	2.82
PTR-2.75E	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	3.00
PTR-2.75E-CSO	10,880	14,800	4,010	9,470	2,100	7,660	-	1,500	NBR Dual Lip	TRB	3.00
PTR-3.00A	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	3.99
PTR-3.00	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.15
PTR-3.00-CSO	14,300	20,000	5,790	14,120	2,490	13,580	-	1,500	NBR Dual Lip	TRB	4.15
PTR-3.25A	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	4.65
PTR-3.25	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.84
PTR-3.25-CSO	14,300	20,000	5,790	14,120	2,490	13,580	-	1,500	NBR Dual Lip	TRB	4.84
PTR-3.50A	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	5.48
PTR-3.50	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	5.67
PTR-3.50-CSO	14,300	20,000	5,790	14,120	2,490	13,580	-	1,500	NBR Dual Lip	TRB	5.67
PTR-4.00A	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	7.13
PTR-4.00	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	7.33
PTR-4.00-CSO	14,300	20,000	5,790	14,120	2,490	13,580	-	1,500	NBR Dual Lip	TRB	7.33
PTR-4.50	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	9.20
PTR-4.50-CSO	14,300	20,000	5,790	14,120	2,490	13,580	-	1,500	NBR Dual Lip	TRB	9.20
PTR-5.00	38,060	58,400	14,350	37,660	1,550	37,440	-	1,500	NBR Dual Lip	PREMIUM TRB	18.81
PTR-5.00-CSO	35,870	58,400	13,310	37,660	1,550	37,440	-	1,500	NBR Dual Lip	TRB	18.81
PTR-6.00	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	29.03
PTR-6.00-CSO	35,830	56,200	14,150	38,740	1,250	73,120	-	1,500	NBR Dual Lip	TRB	29.03
PTR-7.00	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	36.28
PTR-7.00-CSO	35,830	56,200	14,150	38,740	1,250	73,120	-	1,500	NBR Dual Lip	TRB	36.28
PTR-8.00	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	47.34
PTR-8.00-CSO	35,830	56,200	14,150	38,740	1,250	73,120	-	1,500	NBR Dual Lip	TRB	47.34
PTR-10.00	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	70.44
PTR-10.00-8	87,060	160,200	43,590	137,150	1,250	214,290	-	1,500	NBR Lip	PREMIUM TRB	128.78



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

MPTR – TRACK ROLLERS

Metric Plain/Cylindrical – Stud Concentric Ball & Tapered Roller Bearings

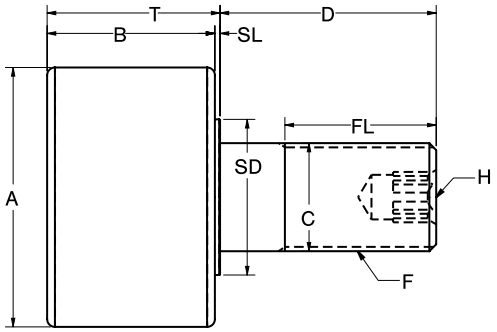
∞ Infinity Roller™ Technology

Metric Measure (mm)										
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.00 -.03	Width	Dia. +.00 -.03	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
MPTR-26	26	19.2	10	23	M10 X 1	13	4	13.1	0.8	20
MPTR-30	30	19.2	12	25	M12 X 1.5	14	4	15.9	0.8	20
MPTR-32	32	21.2	12	25	M12 X 1.5	14	4	15.9	0.8	22
MPTR-35	35	21.2	16	32.5	M16 X 1.5	18	8	19.1	0.8	22
MPTR-40	40	28.4	14	40	M14 X 2	26	6	18	1.6	30
MPTR-40-1	40	26	18	36.5	M18 X 1.5	19	8	22	1.6	27.6
MPTR-47	47	26	20	40.5	M20 X 1.5	21	8	25.5	1.6	27.6
MPTR-50	50	38.4	16	50	M16 X 2	35	8	23	1.6	40
MPTR-52	52	32	20	40.5	M20 X 1.5	21	8	25.5	1.6	33.6
MPTR-62	62	42.4	24	58	M24 X 3	35	8	32	1.6	44
MPTR-62-1	62	42	24	49.5	M24 X 1.5	25	8	32	1.6	44
MPTR-72	72	42.4	24	50	M24 X 1.5	25	8	32	1.6	44
MPTR-76	76	50	30	69.5	M30 X 3.5	40	12	44.5	1.6	52
MPTR-80	80	50.4	30	70	M30 X 3.5	40	12	44.5	1.6	52
MPTR-85	85	50	30	69.5	M30 X 3.5	40	12	44.5	1.6	52
MPTR-90	90	50.4	30	70	M30 X 3.5	40	12	44.5	1.6	52
MPTR-100-1	100	50	30	69.5	M30 X 3.5	40	12	44.5	1.6	52
MPTR-100	100	50.4	30	80	M30 X 3.5	50	12	44.5	1.6	52
MPTR-125	125	74	48	105	M48 X 5	60	12	76.2	1.6	76
MPTR-150	150	74.4	64	140	M64 X 6	82	12	88.9	1.6	76
MPTR-200	200	74	64	140	M64 X 6	82	12	88.9	1.6	76

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly







MPTR – TRACK ROLLERS

Metric Plain/Cylindrical – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (N) C	Basic Radial Static Load Rating (N) C_o	Thrust Dynamic Load Rating (N)	Thrust Static Load Rating (N)	Max Speed Rating (rpm)	Stud Capacity (N)	Retaining Ring Capacity (N)	Max. Clamping Torque (Nm)*	Seal Type	Bearing Type	Approx. Roller Weight (kg)
MPTR-30	3,790	1,910	950	480	24,000	2,280	2,090	20	NBR Lip	PREMIUM DGBB	0.11
MPTR-32	6,330	3,320	1,580	830	19,000	4,280	2,090	20	NBR Lip	PREMIUM DGBB	0.14
MPTR-35	6,330	3,320	1,580	830	19,000	4,280	2,090	20	NBR Lip	PREMIUM DGBB	0.17
MPTR-40	11,800	6,210	2,950	1,550	15,000	7,020	2,440	20	NBR Lip	PREMIUM DGBB	0.27
MPTR-40-1	11,800	6,210	2,950	1,550	15,000	6,980	2,440	20	NBR Lip	PREMIUM DGBB	0.27
MPTR-47	11,800	6,210	2,950	1,550	15,000	6,980	2,440	20	NBR Lip	PREMIUM DGBB	0.42
MPTR-50	16,130	9,510	8,070	4,760	12,000	9,710	4,000	68	NBR Lip	PREMIUM DGBB	0.54
MPTR-52	16,130	9,510	8,070	4,760	12,000	16,230	4,000	68	NBR Lip	PREMIUM DGBB	0.54
MPTR-62	23,980	15,610	11,990	7,810	8,500	29,910	5,960	68	NBR Lip	PREMIUM DGBB	1.00
MPTR-62-1	23,980	15,610	11,990	7,810	8,500	29,910	5,960	68	NBR Lip	PREMIUM DGBB	1.00
MPTR-72	58,630	65,840	22,820	42,100	2,100	29,910	-	68	NBR Dual Lip	PREMIUM TRB	1.40
MPTR-76	79,810	88,970	35,920	62,800	2,490	49,700	-	136	NBR Dual Lip	PREMIUM TRB	1.90
MPTR-80	79,810	88,970	35,920	62,800	2,490	49,700	-	136	NBR Dual Lip	PREMIUM TRB	2.00
MPTR-85	79,810	88,970	35,920	62,800	2,490	49,700	-	136	NBR Dual Lip	PREMIUM TRB	2.40
MPTR-90	79,810	88,970	35,920	62,800	2,490	49,700	-	136	NBR Dual Lip	PREMIUM TRB	2.70
MPTR-100-1	79,810	88,970	35,920	62,800	2,490	49,700	-	136	NBR Dual Lip	PREMIUM TRB	3.40
MPTR-100	79,810	88,970	35,920	62,800	2,490	49,700	-	136	NBR Dual Lip	PREMIUM TRB	3.00
MPTR-125	169,290	259,780	63,830	167,480	1,550	140,610	-	136	NBR Dual Lip	PREMIUM TRB	3.40
MPTR-150	168,990	250,000	68,120	172,310	1,250	333,310	-	136	NBR Dual Lip	PREMIUM TRB	13.00
MPTR-200	168,990	250,000	68,120	172,310	1,250	333,310	-	136	NBR Dual Lip	PREMIUM TRB	22.00



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

PTR-R – TRACK ROLLERS

Plain/Cylindrical – Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

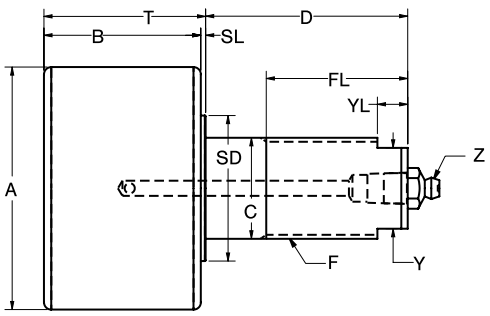
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
PTR-1.00-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	0.5	0.03	0.78	0.312	0.250	1/8 Drive
PTR-1.125-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	0.5	0.03	0.78	0.312	0.250	1/8 Drive
PTR-1.25-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	0.6	0.03	0.84	0.375	0.250	1/8 Drive
PTR-1.375-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	0.6	0.03	0.84	0.375	0.250	1/8 Drive
PTR-1.50-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
PTR-1.75-5-R	1.750	1.13	0.500	0.88	1/2- 13	0.75	-	.625(HEX)	0.32	1.44	0.375	0.250	1/8 Drive
PTR-1.75-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	0.9	0.06	1.19	0.625	0.375	1/8-27 NPT
PTR-2.00-2-R	2.000	1.32	0.875	2.00	7/8 - 14	1.13	-	1.0	0.06	1.38	0.625	0.375	1/8-27 NPT
PTR-2.00-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
PTR-2.25-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
PTR-2.50-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
PTR-2.50-10-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	1.2	0.19	1.81	0.875	0.375	1/8-27 NPT
PTR-2.50E-R	2.500	1.75	1.000	2.25	1 - 14	1.50	-	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
PTR-2.75-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
PTR-2.75E-R	2.750	1.75	1.000	2.25	1 - 14	1.50	-	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
PTR-3.00A-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF
PTR-3.00-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	1.8	0.06	2.00	-	-	1/4-28 UNF
PTR-3.25A-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF
PTR-3.25-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	1.8	0.06	2.00	-	-	1/4-28 UNF
PTR-3.50A-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF
PTR-3.50-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	1.8	0.06	2.00	-	-	1/4-28 UNF
PTR-4.00A-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF
PTR-4.00-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	1.8	0.06	2.00	-	-	1/4-28 UNF
PTR-4.50-R	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	1.8	0.06	2.00	-	-	1/4-28 UNF
PTR-5.00-R	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	3.0	0.06	3.00	-	-	1/4-28 UNF
PTR-6.00-R	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00	-	-	1/4-28 UNF
PTR-7.00-R	7.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00	-	-	1/4-28 UNF
PTR-8.00-R	8.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00	-	-	1/4-28 UNF
PTR-10.00-R	10.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00	-	-	1/4-28 UNF
PTR-10.00-8-R	10.000	4.87	4.250	9.00	3 1/2 - 4	4.00	5/8	5.0	0.13	5.00	-	-	1/4-28 UNF

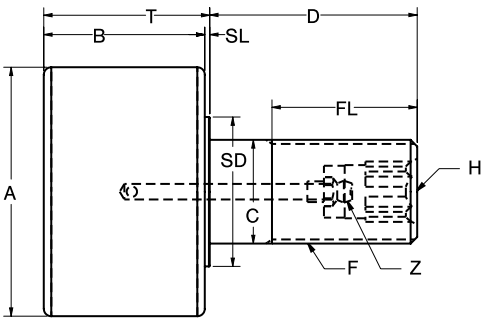
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option contain more economical seals and rolling elements



THROUGH 2.75" ROLLER DIA.



3.00" ROLLER DIA. AND LARGER



PTR-R – TRACK ROLLERS

Plain/Cylindrical – Stud Concentric Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTR-1.00-R	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.17
PTR-1.125-R	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.22
PTR-1.25-R	1,430	750	360	190	19,000	900	470	180	NBR Lip	PREMIUM DGBB	0.30
PTR-1.375-R	1,430	750	360	190	19,000	900	470	180	NBR Lip	PREMIUM DGBB	0.36
PTR-1.50-R	2,660	1,400	670	350	17,000	1,570	550	350	NBR Lip	PREMIUM DGBB	0.56
PTR-1.75-5-R	2,660	1,400	670	350	15,000	1,020	550	350	NBR Lip	PREMIUM DGBB	0.70
PTR-1.75-R	2,660	1,400	670	350	15,000	1,570	550	350	NBR Lip	PREMIUM DGBB	0.86
PTR-2.00-2-R	3,630	2,140	1,820	1,070	12,000	3,520	900	650	NBR Lip	PREMIUM DGBB	1.23
PTR-2.00-R	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	1.39
PTR-2.25-R	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	1.86
PTR-2.50-R	5,390	3,510	2,700	1,760	8,500	8,180	1,340	650	NBR Lip	PREMIUM DGBB	2.34
PTR-2.50-10-R	5,390	3,510	2,700	1,760	8,500	7,160	1,340	650	NBR Lip	PREMIUM DGBB	2.26
PTR-2.50E-R	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	2.48
PTR-2.75-R	5,390	3,510	2,700	1,760	8,500	8,180	1,340	650	NBR Lip	PREMIUM DGBB	2.82
PTR-2.75E-R	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	3.00
PTR-3.00A-R	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	3.99
PTR-3.00-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.15
PTR-3.25A-R	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	4.65
PTR-3.25-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.84
PTR-3.50A-R	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	5.48
PTR-3.50-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	5.67
PTR-4.00A-R	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	7.13
PTR-4.00-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	7.33
PTR-4.50-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	9.20
PTR-5.00-R	38,060	58,400	14,350	37,660	1,550	37,440	-	1,500	NBR Dual Lip	PREMIUM TRB	18.81
PTR-6.00-R	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	29.03
PTR-7.00-R	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	36.28
PTR-8.00-R	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	47.34
PTR-10.00-R	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	70.44
PTR-10.00-8-R	87,060	160,200	43,590	137,150	1,250	214,290	-	1,500	NBR Lip	PREMIUM TRB	128.78





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

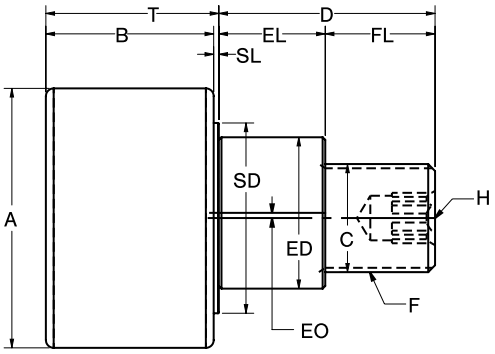
PTRE – TRACK ROLLERS

Plain/Cylindrical – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
∞ | PART NUMBER	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
PTRE-1.00	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
PTRE-1.00-CSO	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
PTRE-1.125	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
PTRE-1.125-CSO	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
PTRE-1.25	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
PTRE-1.25-CSO	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
PTRE-1.375	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
PTRE-1.375-CSO	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
PTRE-1.50	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	1.1	0.06	1.19
PTRE-1.50-CSO	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	1.1	0.06	1.19
PTRE-1.75	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	1.3	0.06	1.19
PTRE-1.75-CSO	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	1.3	0.06	1.19
PTRE-2.00-2	2.000	1.32	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.38
PTRE-2.00	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
PTRE-2.00-CSO	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
PTRE-2.25	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
PTRE-2.25-CSO	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
PTRE-2.50	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
PTRE-2.50-CSO	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
PTRE-2.50-10	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.19	1.81
PTRE-2.50E	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	1.7	0.06	1.81
PTRE-2.50E-CSO	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	1.7	0.06	1.81
PTRE-2.75	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
PTRE-2.75-CSO	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
PTRE-2.75E	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	1.7	0.06	1.81
PTRE-2.75E-CSO	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	1.7	0.06	1.81
PTRE-3.00A	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.00	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.00-CSO	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.25A	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.25	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.25-CSO	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.50A	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-3.50	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-3.50-CSO	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-4.00A	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-4.00	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-4.00-CSO	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-4.50	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-5.00	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	3.3	0.06	3.00
PTRE-5.00-CSO	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	3.3	0.06	3.00
PTRE-6.00	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	3.6	0.06	3.00
PTRE-6.00-CSO	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	3.6	0.06	3.00





PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option

PTRE – TRACK ROLLERS

Plain/Cylindrical – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRE-1.00	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.20
PTRE-1.00-CSO	860	430	220	60	24,000	500	470	250	NBR Lip	DGBB	0.20
PTRE-1.125	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.24
PTRE-1.125-CSO	860	430	220	60	24,000	500	470	250	NBR Lip	DGBB	0.24
PTRE-1.25	1,430	750	360	190	19,000	930	470	250	NBR Lip	PREMIUM DGBB	0.32
PTRE-1.25-CSO	1,230	640	360	80	19,000	930	470	250	NBR Lip	DGBB	0.32
PTRE-1.375	1,430	750	360	190	19,000	930	470	250	NBR Lip	PREMIUM DGBB	0.37
PTRE-1.375-CSO	1,230	640	360	80	19,000	930	470	250	NBR Lip	DGBB	0.37
PTRE-1.50	2,660	1,400	670	350	17,000	1,570	550	650	NBR Lip	PREMIUM DGBB	0.63
PTRE-1.50-CSO	2,660	1,400	670	350	17,000	1,570	550	650	NBR Lip	DGBB	0.63
PTRE-1.75	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	PREMIUM DGBB	0.96
PTRE-1.75-CSO	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	DGBB	0.96
PTRE-2.00-2	3,630	2,140	1,820	1,070	12,000	3,520	900	650	NBR Lip	PREMIUM DGBB	1.52
PTRE-2.00	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	1.68
PTRE-2.00-CSO	3,630	2,140	1,570	540	12,000	4,360	900	650	NBR Lip	DGBB	1.68
PTRE-2.25	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	2.07
PTRE-2.25-CSO	3,630	2,140	1,570	540	12,000	4,360	900	650	NBR Lip	DGBB	2.07
PTRE-2.50	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	2.48
PTRE-2.50-CSO	5,390	3,510	2,410	880	8,500	9,660	1,340	650	NBR Lip	DGBB	2.48
PTRE-2.50-10	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	2.40
PTRE-2.50E	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	2.67
PTRE-2.50E-CSO	10,880	14,800	4,010	9,470	2,100	7,660	-	1,500	NBR Dual Lip	TRB	2.67
PTRE-2.75	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	3.08
PTRE-2.75-CSO	5,390	3,510	2,410	880	8,500	9,660	1,340	650	NBR Lip	DGBB	3.08
PTRE-2.75E	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	3.17
PTRE-2.75E-CSO	10,880	14,800	4,010	9,470	2,100	7,660	-	1,500	NBR Dual Lip	TRB	3.17
PTRE-3.00A	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	4.53
PTRE-3.00	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.62
PTRE-3.00-CSO	14,300	20,000	5,790	14,120	2,490	13,580	-	1,500	NBR Dual Lip	TRB	4.62
PTRE-3.25A	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	5.19
PTRE-3.25	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	5.31
PTRE-3.25-CSO	14,300	20,000	5,790	14,120	2,490	13,580	-	1,500	NBR Dual Lip	TRB	5.31
PTRE-3.50A	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	6.10
PTRE-3.50	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
PTRE-3.50-CSO	14,300	20,000	5,790	14,120	2,490	13,580	-	1,500	NBR Dual Lip	TRB	6.27
PTRE-4.00A	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	7.69
PTRE-4.00	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	7.93
PTRE-4.00-CSO	14,300	20,000	5,790	14,120	2,490	13,580	-	1,500	NBR Dual Lip	TRB	7.93
PTRE-4.50	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	9.42
PTRE-5.00	38,060	58,400	14,350	37,660	1,550	37,440	-	1,500	NBR Dual Lip	PREMIUM TRB	20.20
PTRE-5.00-CSO	35,870	58,400	13,310	37,660	1,550	37,440	-	1,500	NBR Dual Lip	TRB	20.20
PTRE-6.00	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	31.06
PTRE-6.00-CSO	35,830	56,200	14,150	38,740	1,250	73,120	-	1,500	NBR Dual Lip	TRB	31.06



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

MPTRE – TRACK ROLLERS

Metric Plain/Cylindrical – Stud Eccentric Ball & Tapered Roller Bearings

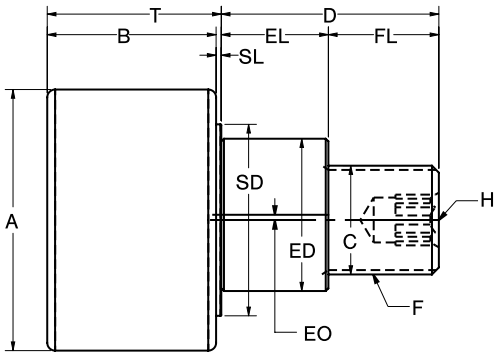
∞ Infinity Roller™ Technology

Metric Measure (mm)													
STUD TYPE TRACK ROLLER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
∞ | PART NUMBER	Dia. +.00 -.03	Width	Dia.	Len.	Dia +.00 -.05	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
MPTRE-26	26	19.2	10	23	13	10	0.5	M10 X 1	13	4	17.1	0.8	20
MPTRE-30	30	19.2	12	25	15	11	0.5	M12 X 1.5	14	4	17.5	0.8	20
MPTRE-32	32	21.2	12	25	15	11	0.5	M12 X 1.5	14	4	17.5	0.8	22
MPTRE-35	35	21.2	16	32.5	20	14.5	1	M16 X 1.5	18	8	23.8	0.8	22
MPTRE-40	40	28.4	14	40	22	13	1	M14 X 2	26	6	28.5	1.6	30
MPTRE-40-1	40	26	18	36.5	22	16	1	M18 X 1.5	19	8	28.5	1.6	27.6
MPTRE-47	47	26	20	40.5	24	18	1	M20 X 1.5	21	8	32	1.6	27.6
MPTRE-50	50	38.4	16	50	24	18	1	M16 X 2	35	8	32	1.6	40
MPTRE-52	52	32	20	40.5	24	18	1	M20 X 1.5	21	8	32	1.6	33.6
MPTRE-62	62	42.4	24	58	28	20	1.5	M24 X 3	35	8	43	1.6	44
MPTRE-62-1	62	42	24	49.5	28	22	1	M24 X 1.5	25	8	43	1.6	44
MPTRE-72	72	42.4	20	50	28	22	1	M20 X 1.5	25	8	38	1.6	44
MPTRE-76	76	50	24	69.5	35	29	1.5	M24 X 1.5	40	12	50	1.6	52
MPTRE-80	80	50.4	24	70	35	29	2	M24 X 1.5	40	12	50	1.6	52
MPTRE-85	85	50	24	69.5	35	29	1.5	M24 X 1.5	40	12	50	1.6	52
MPTRE-90	90	50.4	24	70	35	29	2	M24 X 1.5	40	12	50	1.6	52
MPTRE-100-1	100	50	24	69.5	35	29	1.5	M24 X 1.5	40	12	50	1.6	52
MPTRE-100	100	50.4	24	80	35	29	2	M24 X 1.5	50	12	50	1.6	52
MPTRE-125	125	74	48	105	64	50	1.5	M48 X 5	60	12	89	1.6	76
MPTRE-150	150	74.4	64	140	80	65	2	M64 X 6	82	12	89	1.6	76





PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option



MPTRE – TRACK ROLLERS

Metric Plain/Cylindrical – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (N) C	Basic Radial Static Load Rating (N) C_o	Thrust Dynamic Load Rating (N)	Thrust Static Load Rating (N)	Max Speed Rating (rpm)	Stud Capacity (N)	Retaining Ring Capacity (N)	Max. Clamping Torque (Nm)*	Seal Type	Bearing Type	Approx. Roller Weight (kg)
MPTRE-26	3790	1910	950	480	24,000	2,280	2,090	20	NBR Lip	PREMIUM DGBB	0.10
MPTRE-30	3,790	1,910	950	480	24,000	2,280	2,090	20	NBR Lip	PREMIUM DGBB	0.11
MPTRE-32	6,330	3,320	1,580	830	19,000	4,280	2,090	20	NBR Lip	PREMIUM DGBB	0.14
MPTRE-35	6,330	3,320	1,580	830	19,000	4,280	2,090	20	NBR Lip	PREMIUM DGBB	0.17
MPTRE-40	11,800	6,210	2,950	1,550	15,000	7,020	2,440	20	NBR Lip	PREMIUM DGBB	0.27
MPTRE-40-1	11,800	6,210	2,950	1,550	15,000	6,980	2,440	20	NBR Lip	PREMIUM DGBB	0.27
MPTRE-47	11,800	6,210	2,950	1,550	15,000	6,980	2,440	20	NBR Lip	PREMIUM DGBB	0.42
MPTRE-50	16,130	9,510	8,070	4,760	12,000	9,710	4,000	68	NBR Lip	PREMIUM DGBB	0.54
MPTRE-52	16,130	9,510	8,070	4,760	12,000	16,230	4,000	68	NBR Lip	PREMIUM DGBB	0.54
MPTRE-62	23,980	15,610	11,990	7,810	8,500	29,910	5,960	68	NBR Lip	PREMIUM DGBB	1.00
MPTRE-62-1	23,980	15,610	11,990	7,810	8,500	29,910	5,960	68	NBR Lip	PREMIUM DGBB	1.00
MPTRE-72	58,630	65,840	22,820	42,100	2,100	17,310	-	68	NBR Dual Lip	PREMIUM TRB	1.40
MPTRE-76	79,810	88,970	32,950	62,800	2,490	25,450	-	136	NBR Dual Lip	PREMIUM TRB	1.90
MPTRE-80	79,810	88,970	32,950	62,800	2,490	25,450	-	136	NBR Dual Lip	PREMIUM TRB	2.00
MPTRE-85	79,810	88,970	32,950	62,800	2,490	25,450	-	136	NBR Dual Lip	PREMIUM TRB	2.40
MPTRE-90	79,810	88,970	32,950	62,800	2,490	25,450	-	136	NBR Dual Lip	PREMIUM TRB	2.70
MPTRE-100-1	79,810	88,970	32,950	62,800	2,490	25,450	-	136	NBR Dual Lip	PREMIUM TRB	3.40
MPTRE-100	79,810	88,970	32,950	62,800	2,490	25,450	-	136	NBR Dual Lip	PREMIUM TRB	3.00
MPTRE-125	169,290	259,780	63,830	167,480	1,550	140,610	-	136	NBR Dual Lip	PREMIUM TRB	3.40
MPTRE-150	168,990	250,000	68,120	172,310	1,250	333,310	-	136	NBR Dual Lip	PREMIUM TRB	13.00



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

PTRE-R – TRACK ROLLERS

Plain/Cylindrical - Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable

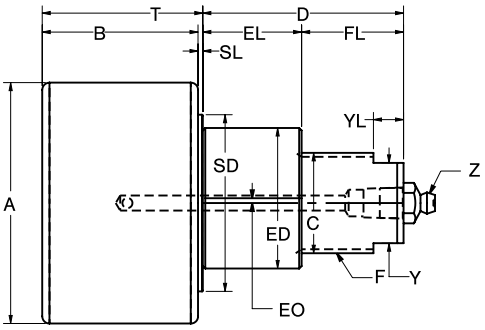
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
PTRE-1.00-R	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	0.7	0.03	0.78	0.312	0.250	1/8 Drive
PTRE-1.125-R	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	0.7	0.03	0.78	0.312	0.250	1/8 Drive
PTRE-1.25-R	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	0.8	0.03	0.84	0.375	0.250	1/8 Drive
PTRE-1.375-R	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	0.8	0.03	0.84	0.375	0.250	1/8 Drive
PTRE-1.50-R	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF
PTRE-1.75-R	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	-	1.3	0.06	1.19	0.625	0.375	1/8-27 NPT
PTRE-2.00-2-R	2.000	1.32	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	1.5	0.06	1.38	0.625	0.375	1/8-27 NPT
PTRE-2.00-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
PTRE-2.25-R	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
PTRE-2.50-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
PTRE-2.50-10-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.19	1.81	0.875	0.375	1/8-27 NPT
PTRE-2.50E-R	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
PTRE-2.75-R	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
PTRE-2.75E-R	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
PTRE-3.00A-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.00-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.25A-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.25-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.50A-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.50-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-4.00A-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-4.00-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-4.50-R	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-5.00-R	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	3.3	0.06	3.00	-	-	1/4-28 UNF
PTRE-6.00-R	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	3.6	0.06	3.00	-	-	1/4-28 UNF

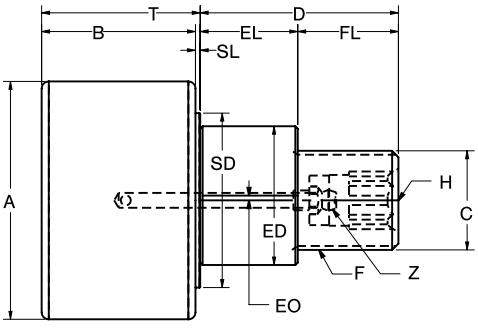
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option



THROUGH 2.75" ROLLER DIA.



3.00" ROLLER DIA. AND LARGER



PTRE-R – TRACK ROLLERS

Plain/Cylindrical - Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRE-1.00-R	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.20
PTRE-1.125-R	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.24
PTRE-1.25-R	1,430	750	360	190	19,000	930	470	250	NBR Lip	PREMIUM DGBB	0.32
PTRE-1.375-R	1,430	750	360	190	19,000	930	470	250	NBR Lip	PREMIUM DGBB	0.37
PTRE-1.50-R	2,660	1,400	670	350	17,000	1,570	550	650	NBR Lip	PREMIUM DGBB	0.63
PTRE-1.75-R	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	PREMIUM DGBB	0.96
PTRE-2.00-2-R	3,630	2,140	1,820	1,070	12,000	3,520	900	650	NBR Lip	PREMIUM DGBB	1.52
PTRE-2.00-R	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	1.68
PTRE-2.25-R	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	2.07
PTRE-2.50-R	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	2.48
PTRE-2.50-10-R	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	2.40
PTRE-2.50E-R	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	2.67
PTRE-2.75-R	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	3.08
PTRE-2.75E-R	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	3.17
PTRE-3.00A-R	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	4.53
PTRE-3.00-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.62
PTRE-3.25A-R	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	5.19
PTRE-3.25-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	5.31
PTRE-3.50A-R	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	6.10
PTRE-3.50-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
PTRE-4.00A-R	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	7.69
PTRE-4.00-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	7.93
PTRE-4.50-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	9.42
PTRE-5.00-R	38,060	58,400	14,350	37,660	1,550	37,440	-	1,500	NBR Dual Lip	PREMIUM TRB	20.20
PTRE-6.00-R	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	31.06



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

TRACK ROLLERS

PTRY – Plain/Cylindrical – Yoke Type Ball Bearings

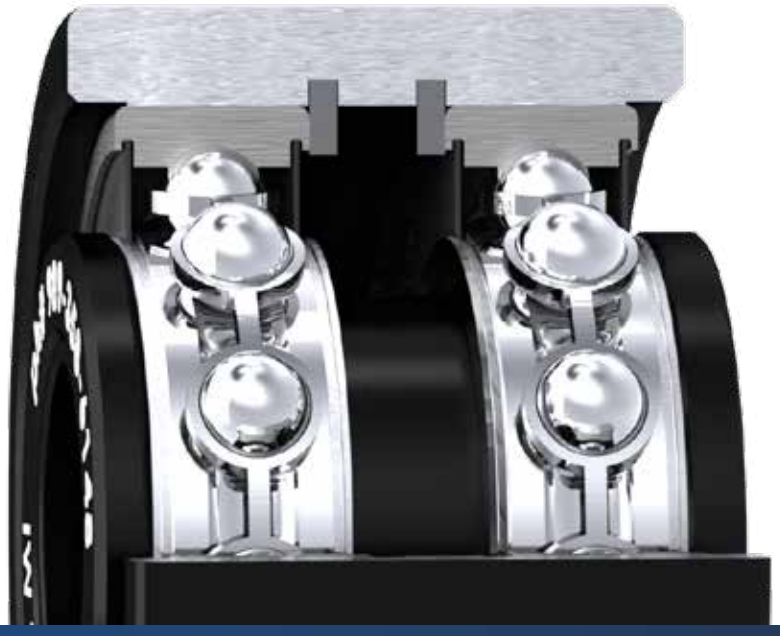
∞| *Infinity Roller™ Technology*

PLAIN BODY PROFILE
is cylindrical in shape to effectively carry radial loads and commonly used on flat tracks.

LOWEST COST TRACK ROLLER PROFILE
still boasts PCI Load Bearing Roller Assemblies industry leading tolerances.

PROVIDES FLOTATION
when used in tandem with locational units (flanged, v-grooved, etc.).

FEATURING SKF





BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

EASY INSTALLATION
slip fit bore is designed for use with positive end clamping force without thrust loading the ball bearings.

TRACK ROLLERS

PTRY - Plain/Cylindrical – Yoke Type Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

PLAIN BODY PROFILE
is cylindrical in shape to effectively carry radial loads and commonly used on flat tracks.

LOWEST COST TRACK ROLLER PROFILE
still boasts PCI Load Bearings Roller Assemblies industry leading tolerances.

PROVIDES FLOTATION
when used in tandem with locational units (flanged, v-grooved, etc.).

FEATURING TIMKEN





BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER DUAL LIP SEALS aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

TIMKEN TAPERED ROLLER BEARINGS
precision matched sets ensure maximum thrust load paired with moderate radial load capacity.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

EASY INSTALLATION
slip fit bore is designed for use with positive end clamping force without thrust loading the ball bearings.

PTRY – TRACK ROLLERS

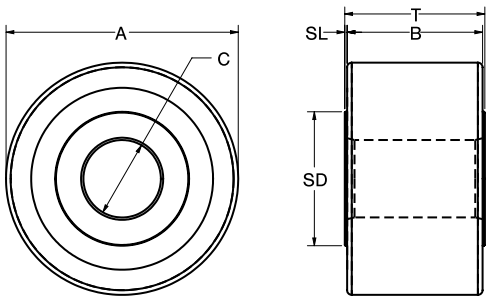
Plain/Cylindrical – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	SD	SL	T	OPTIONAL PCI YOKE SHAFT	
	ROLLER			SHOULDER				
	Roller Dia. +.000 -.001	Roller Width	Bore Dia. +.0007 -.0000	Crown Radius	Shoulder Dia.	Inner Race Width +.005 -.010	Concentric Shaft	Eccentric Shaft
PTRY-1.00	1.000	0.63	0.3130	0.6	0.03	0.690	YSH-.312	YSHE-.312
PTRY-1.125	1.125	0.63	0.3130	0.6	0.03	0.690	YSH-.312	YSHE-.312
PTRY-1.25	1.250	0.75	0.3755	0.6	0.03	0.813	YSH-.375	YSHE-.375
PTRY-1.375	1.375	0.75	0.3755	0.6	0.03	0.813	YSH-.375	YSHE-.375
PTRY-1.50	1.500	0.88	0.4380	0.9	0.03	0.937	YSH-.437	YSHE-.437
PTRY-1.50-CSO	1.500	0.88	0.4380	0.9	0.03	0.937	YSH-.437	YSHE-.437
PTRY-1.75	1.750	1.00	0.5005	0.9	0.03	1.063	YSH-.500	YSHE-.500
PTRY-1.75-CSO	1.750	1.00	0.5005	0.9	0.03	1.063	YSH-.500	YSHE-.500
PTRY-2.00	2.000	1.25	0.6255	1.1	0.03	1.313	YSH-.625	YSHE-.625
PTRY-2.00-CSO	2.000	1.25	0.6255	1.1	0.03	1.313	YSH-.625	YSHE-.625
PTRY-2.25	2.250	1.25	0.6255	1.1	0.03	1.313	YSH-.625	YSHE-.625
PTRY-2.25-CSO	2.250	1.25	0.6255	1.1	0.03	1.313	YSH-.625	YSHE-.625
PTRY-2.50	2.500	1.50	0.7505	1.2	0.03	1.563	YSH-.750	YSHE-.750
PTRY-2.50-CSO	2.500	1.50	0.7505	1.2	0.03	1.563	YSH-.750	YSHE-.750
PTRY-2.50E	2.500	1.50	0.7505	1.3	0.03	1.563	YSH-.750	YSHE-.750
PTRY-2.50E-CSO	2.500	1.50	0.7505	1.3	0.03	1.563	YSH-.750	YSHE-.750
PTRY-2.75	2.750	1.50	0.7505	1.2	0.03	1.563	YSH-.750	YSHE-.750
PTRY-2.75-CSO	2.750	1.50	0.7505	1.2	0.03	1.563	YSH-.750	YSHE-.750
PTRY-2.75E	2.750	1.50	0.7505	1.3	0.03	1.563	YSH-.750	YSHE-.750
PTRY-2.75E-CSO	2.750	1.50	0.7505	1.3	0.03	1.563	YSH-.750	YSHE-.750
PTRY-3.00A	3.000	1.75	1.0005	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
PTRY-3.00	3.000	1.75	1.0005	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
PTRY-3.00-CSO	3.000	1.75	1.0005	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
PTRY-3.25A	3.250	1.75	1.0005	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
PTRY-3.25	3.250	1.75	1.0005	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
PTRY-3.25-CSO	3.250	1.75	1.0005	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
PTRY-3.50A	3.500	2.00	1.1255	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
PTRY-3.50	3.500	2.00	1.1255	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
PTRY-3.50-CSO	3.500	2.00	1.1255	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
PTRY-4.00A	4.000	2.25	1.2505	2.0	0.03	2.313	YSH-1.250	YSHE-1.250
PTRY-4.00	4.000	2.25	1.2505	2.0	0.03	2.313	YSH-1.250	YSHE-1.250
PTRY-4.00-CSO	4.000	2.25	1.2505	2.0	0.03	2.313	YSH-1.250	YSHE-1.250
PTRY-4.50	4.500	1.75	1.0005	1.7	0.03	1.813	YSH-1.000	YSHE-1.000
PTRY-5.00	5.000	2.75	1.7508	3.2	0.06	2.875	YSH-1.750	YSHE-1.750
PTRY-5.00-CSO	5.000	2.75	1.7508	3.2	0.06	2.875	YSH-1.750	YSHE-1.750
PTRY-6.00	6.000	3.25	2.2508	3.5	0.06	3.375	YSH-2.250	YSHE-2.750
PTRY-6.00-CSO	6.000	3.25	2.2508	3.5	0.06	3.375	YSH-2.250	YSHE-2.750
PTRY-7.00	7.000	3.75	2.7508	4.1	0.06	3.875	YSH-2.750	YSHE-2.750
PTRY-7.00-CSO	7.000	3.75	2.7508	4.1	0.06	3.875	YSH-2.750	YSHE-2.750
PTRY-8.00	8.000	4.25	3.2560	4.7	0.13	4.500	YSH-3.250	-
PTRY-8.00-CSO	8.000	4.25	3.2560	4.7	0.13	4.500	YSH-3.250	-
PTRY-9.00	9.000	4.75	3.7560	5.3	0.13	5.000	YSH-3.750	-
PTRY-9.00-CSO	9.000	4.75	3.7560	5.3	0.13	5.000	YSH-3.750	-
PTRY-10.00	10.000	5.25	4.2560	6.5	0.13	5.500	YSH-4.250	-
PTRY-10.00-CSO	10.000	5.25	4.2560	6.5	0.13	5.500	YSH-4.250	-
PTRY-12.00	12.000	5.25	4.2560	6.5	0.13	5.500	YSH-4.250	-
PTRY-14.00	14.000	5.25	4.2560	6.5	0.13	5.500	YSH-4.250	-
PTRY-16.00	16.000	5.25	4.2560	6.5	0.13	5.500	YSH-4.250	-
PTRY-18.00	18.000	5.25	4.2560	6.5	0.13	5.500	YSH-4.250	-
PTRY-20.00	20.000	5.25	4.2560	6.5	0.13	5.500	YSH-4.250	-

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option





PTRY – TRACK ROLLERS

Plain/Cylindrical – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRY-1.00	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.09
PTRY-1.125	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.13
PTRY-1.25	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.18
PTRY-1.375	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.23
PTRY-1.50	1,690	1,150	430	290	14,000	NBR Lip	PREMIUM DGBB	0.31
PTRY-1.50-CSO	1,690	1,150	430	290	14,000	NBR Lip	DGBB	0.31
PTRY-1.75	1,690	1,150	430	290	14,000	NBR Lip	PREMIUM DGBB	0.51
PTRY-1.75-CSO	1,690	1,150	430	290	14,000	NBR Lip	DGBB	0.51
PTRY-2.00	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	0.82
PTRY-2.00-CSO	3,630	2,250	1,600	570	11,000	NBR Lip	DGBB	0.82
PTRY-2.25	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.10
PTRY-2.25-CSO	3,630	2,250	1,600	570	11,000	NBR Lip	DGBB	1.10
PTRY-2.50	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	1.59
PTRY-2.50-CSO	5,390	3,510	2,410	880	8,500	NBR Lip	DGBB	1.59
PTRY-2.50E	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.62
PTRY-2.50E-CSO	10,880	14,800	4,010	9,470	2,100	NBR Dual Lip	TRB	1.62
PTRY-2.75	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	2.03
PTRY-2.75-CSO	5,390	3,510	2,410	880	8,500	NBR Lip	DGBB	2.03
PTRY-2.75E	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.06
PTRY-2.75E-CSO	10,880	14,800	4,010	9,470	2,100	NBR Dual Lip	TRB	2.06
PTRY-3.00A	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	2.47
PTRY-3.00	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	2.67
PTRY-3.00-CSO	14,300	20,000	5,790	14,120	2,490	NBR Dual Lip	TRB	2.67
PTRY-3.25A	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	3.09
PTRY-3.25	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.29
PTRY-3.25-CSO	14,300	20,000	5,790	14,120	2,490	NBR Dual Lip	TRB	3.29
PTRY-3.50A	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	4.00
PTRY-3.50	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	4.37
PTRY-3.50-CSO	17,600	27,200	5,750	15,480	2,140	NBR Dual Lip	TRB	4.37
PTRY-4.00A	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	6.36
PTRY-4.00	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	6.77
PTRY-4.00-CSO	17,600	27,200	5,750	15,480	2,140	NBR Dual Lip	TRB	6.77
PTRY-4.50	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	6.91
PTRY-5.00	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	12.55
PTRY-5.00-CSO	35,870	58,400	13,310	37,660	1,550	NBR Dual Lip	TRB	12.55
PTRY-6.00	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	19.77
PTRY-6.00-CSO	35,830	56,200	14,150	38,740	1,250	NBR Dual Lip	TRB	19.77
PTRY-7.00	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	30.29
PTRY-7.00-CSO	42,400	79,800	17,400	56,790	1,020	NBR Lip	TRB	30.29
PTRY-8.00	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	44.84
PTRY-8.00-CSO	83,700	159,800	39,000	129,030	850	NBR Lip	TRB	44.84
PTRY-9.00	142,470	167,000	53,600	115,980	760	NBR Lip	PREMIUM TRB	62.76
PTRY-9.00-CSO	134,600	167,000	53,600	115,980	760	NBR Lip	TRB	62.76
PTRY-10.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	84.24
PTRY-10.00-CSO	137,300	266,000	62,000	209,180	650	NBR Lip	TRB	84.24
PTRY-12.00	145,100	266,000	66,730	209,180	540	NBR Lip	PREMIUM TRB	135.15
PTRY-14.00	145,100	266,000	66,730	209,180	460	NBR Lip	PREMIUM TRB	194.78
PTRY-16.00	145,100	266,000	66,730	209,180	400	NBR Lip	PREMIUM TRB	263.59
PTRY-18.00	145,100	266,000	66,730	209,180	360	NBR Lip	PREMIUM TRB	341.58
PTRY-20.00	145,100	266,000	66,730	209,180	325	NBR Lip	PREMIUM TRB	428.74





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

MPTRY – TRACK ROLLERS

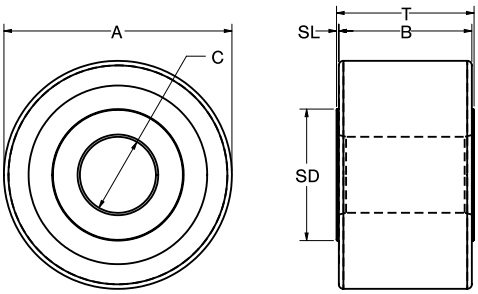
Metric Plain/Cylindrical – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

Metric Measure (mm)							OPTIONAL PCI YOKE SHAFT	
YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	SD	SL	T	Concentric Shaft	Eccentric Shaft
	ROLLER			SHOULDER				
	Roller Dia. +.00 -.03	Roller Width	Bore Dia. +.02 -.00	Dia.	Len.	Inner Race Width +.13 -.25		
MPTRY-50	50	32	15	28	0.5	33	MYSH-15	MYSHE-15
MPTRY-62	62	38	19	35	1	40	MYSH-19	MYSHE-19
MPTRY-62-1	62	38	20	35	1	40	MYSH-20	MYSHE-20
MPTRY-62E	62	38	20	32	1	40	MYSH-20	MYSHE-20
MPTRY-72	72	38	19	35	1	40	MYSH-19	MYSHE-19
MPTRY-76	76	44	25	45	1	46	MYSH-25	MYSHE-25
MPTRY-80	80	44	25	45	1	46	MYSH-25	MYSHE-25
MPTRY-85	85	44	25	45	1	46	MYSH-25	MYSHE-25
MPTRY-90	90	54	30	50	1	56	MYSH-30	MYSHE-30
MPTRY-100	100	54	30	50	1	56	MYSH-30	MYSHE-30
MPTRY-125	125	68	45	83	1.5	71	MYSH-45	MYSHE-45
MPTRY-150	150	70	55	89	1.5	73	MYSH-55	MYSHE-55
MPTRY-200	200	76	70	108	1.5	79	MYSH-70	MYSHE-70
MPTRY-250	250	76	70	108	1.5	79	MYSH-70	MYSHE-70

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option





MPTRY – TRACK ROLLERS

Metric Plain/Cylindrical – Yoke Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (N) C	Basic Radial Static Load Rating (N) C_o	Thrust Dynamic Load Rating (N)	Thrust Static Load Rating (N)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (kg)
MPTRY-40	7,490	5,100	3,750	2,550	14,000	NBR Lip	PREMIUM DGBB	0.16
MPTRY-50	16,130	10,000	8,070	5,000	11,000	NBR Lip	PREMIUM DGBB	0.35
MPTRY-62	19,280	13,100	9,640	6,550	9,500	NBR Lip	PREMIUM DGBB	0.66
MPTRY-62-1	19,280	13,100	9,640	6,550	9,500	NBR Lip	PREMIUM DGBB	0.65
MPTRY-62E	58,630	65,840	39,020	42,100	2,100	NBR Dual Lip	PREMIUM TRB	1.62
MPTRY-72	23,980	15,610	11,990	7,810	8,500	NBR Lip	PREMIUM DGBB	0.97
MPTRY-76	79,810	88,970	32,950	62,800	2,490	NBR Dual Lip	PREMIUM TRB	1.17
MPTRY-80	79,810	88,970	32,950	62,800	2,490	NBR Dual Lip	PREMIUM TRB	1.34
MPTRY-85	79,810	88,970	32,950	62,800	2,490	NBR Dual Lip	PREMIUM TRB	1.56
MPTRY-90	83,030	121,000	27,630	68,840	2,140	NBR Dual Lip	PREMIUM TRB	2.08
MPTRY-100	83,030	121,000	27,630	68,840	2,140	NBR Dual Lip	PREMIUM TRB	2.70
MPTRY-125	169,290	259,780	63,830	167,480	1,550	NBR Dual Lip	PREMIUM TRB	5.19
MPTRY-150	168,990	250,000	68,120	172,310	1,250	NBR Dual Lip	PREMIUM TRB	7.28
MPTRY-200	298,080	366,000	87,170	183,000	4,800	Shield	PREMIUM TRB	14.30
MPTRY-250	298,080	366,000	87,170	183,000	4,800	Shield	PREMIUM TRB	24.64





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

PTRY-R – TRACK ROLLERS

Plain/Cylindrical – Yoke

Ball & Tapered Roller Bearings - Regreasable

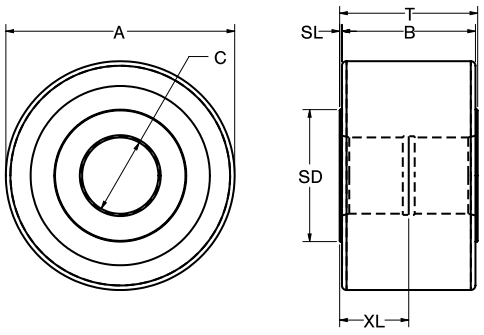
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	SD	SL	T	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	SHOULDER		Inner Race Width +.005 -.010	Grease Groove Location	Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width		Dia.	Len.				
PTRY-1.00-R	1.000	0.630	0.3130	0.6	0.03	0.688	0.34	YSH-.312-R	YSHE-.312-R
PTRY-1.125-R	1.125	0.630	0.3130	0.6	0.03	0.688	0.34	YSH-.312-R	YSHE-.312-R
PTRY-1.25-R	1.250	0.750	0.3755	0.6	0.03	0.813	0.41	YSH-.375-R	YSHE-.375-R
PTRY-1.375-R	1.375	0.750	0.3755	0.6	0.03	0.813	0.41	YSH-.375-R	YSHE-.375-R
PTRY-1.50-R	1.500	0.880	0.4380	0.9	0.03	0.937	0.47	YSH-.437-R	YSHE-.437-R
PTRY-1.75-R	1.750	1.000	0.5005	0.9	0.03	1.063	0.53	YSH-.500-R	YSHE-.500-R
PTRY-2.00-R	2.000	1.250	0.6255	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
PTRY-2.25-R	2.250	1.250	0.6255	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
PTRY-2.50-R	2.500	1.500	0.7505	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
PTRY-2.50E-R	2.500	1.500	0.7505	1.3	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
PTRY-2.75-R	2.750	1.500	0.7505	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
PTRY-2.75E-R	2.750	1.500	0.7505	1.3	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
PTRY-3.00A-R	3.000	1.750	1.0005	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
PTRY-3.00-R	3.000	1.750	1.0005	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
PTRY-3.25A-R	3.250	1.750	1.0005	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
PTRY-3.25-R	3.250	1.750	1.0005	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
PTRY-3.50A-R	3.500	2.000	1.1255	2.0	0.03	2.063	1.03	YSH-1.125-R	YSHE-1.125-R
PTRY-3.50-R	3.500	2.000	1.1255	2.0	0.03	2.063	1.03	YSH-1.125-R	YSHE-1.125-R
PTRY-4.00A-R	4.000	2.250	1.2505	2.0	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R
PTRY-4.00-R	4.000	2.250	1.2505	2.0	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R
PTRY-4.50-R	4.500	1.750	1.0005	1.7	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
PTRY-5.00-R	5.000	2.750	1.7508	3.2	0.06	2.875	1.44	YSH-1.750-R	YSHE-1.750-R
PTRY-6.00-R	6.000	3.250	2.2508	3.5	0.06	3.375	1.69	YSH-2.250-R	YSHE-2.250-R
PTRY-7.00-R	7.000	3.750	2.7508	4.1	0.06	3.875	1.94	YSH-2.750-R	YSHE-2.750-R
PTRY-8.00-R	8.000	4.250	3.2560	4.7	0.13	4.500	2.25	YSH-3.250-R	-
PTRY-9.00-R	9.000	4.750	3.7560	5.3	0.13	5.000	2.50	YSH-3.750-R	-
PTRY-10.00-R	10.000	5.250	4.2560	6.5	0.13	5.500	2.75	YSH-4.250-R	-
PTRY-12.00-R	12.000	5.250	4.2560	6.5	0.13	5.500	2.75	YSH-4.250-R	-
PTRY-14.00-R	14.000	5.250	4.2560	6.5	0.13	5.500	2.75	YSH-4.250-R	-
PTRY-16.00-R	16.000	5.250	4.2560	6.5	0.13	5.500	2.75	YSH-4.250-R	-
PTRY-18.00-R	18.000	5.250	4.2560	6.5	0.13	5.500	2.75	YSH-4.250-R	-
PTRY-20.00-R	20.000	5.250	4.2560	6.5	0.13	5.500	2.75	YSH-4.250-R	-

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly

CSO = PCI's Cost Savings Option





Solutions Through Innovation

PTRY-R – TRACK ROLLERS

Plain/Cylindrical – Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRY-1.00-R	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.09
PTRY-1.125-R	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.13
PTRY-1.25-R	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.18
PTRY-1.375-R	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.23
PTRY-1.50-R	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.31
PTRY-1.75-R	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.51
PTRY-2.00-R	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	0.82
PTRY-2.25-R	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.10
PTRY-2.50-R	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	1.59
PTRY-2.50E-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.62
PTRY-2.75-R	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	2.03
PTRY-2.75E-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.06
PTRY-3.00A-R	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	2.47
PTRY-3.00-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	2.67
PTRY-3.25A-R	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	3.09
PTRY-3.25-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.29
PTRY-3.50A-R	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	4.00
PTRY-3.50-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	4.37
PTRY-4.00A-R	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	6.36
PTRY-4.00-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	6.77
PTRY-4.50-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	6.91
PTRY-5.00-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	12.55
PTRY-6.00-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	19.77
PTRY-7.00-R	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	30.29
PTRY-8.00-R	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	44.84
PTRY-9.00-R	142,470	167,000	57,860	115,980	760	NBR Lip	PREMIUM TRB	62.76
PTRY-10.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	84.24
PTRY-12.00-R	145,100	266,000	66,730	209,180	540	NBR Lip	PREMIUM TRB	135.15
PTRY-14.00-R	145,100	266,000	66,730	209,180	460	NBR Lip	PREMIUM TRB	194.78
PTRY-16.00-R	145,100	266,000	66,730	209,180	400	NBR Lip	PREMIUM TRB	263.59
PTRY-18.00-R	145,100	266,000	66,730	209,180	360	NBR Lip	PREMIUM TRB	341.58
PTRY-20.00-R	145,100	266,000	66,730	209,180	325	NBR Lip	PREMIUM TRB	428.74





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

TRACK ROLLERS

CTR – Crowned/Spherical – Stud Type Ball Bearings

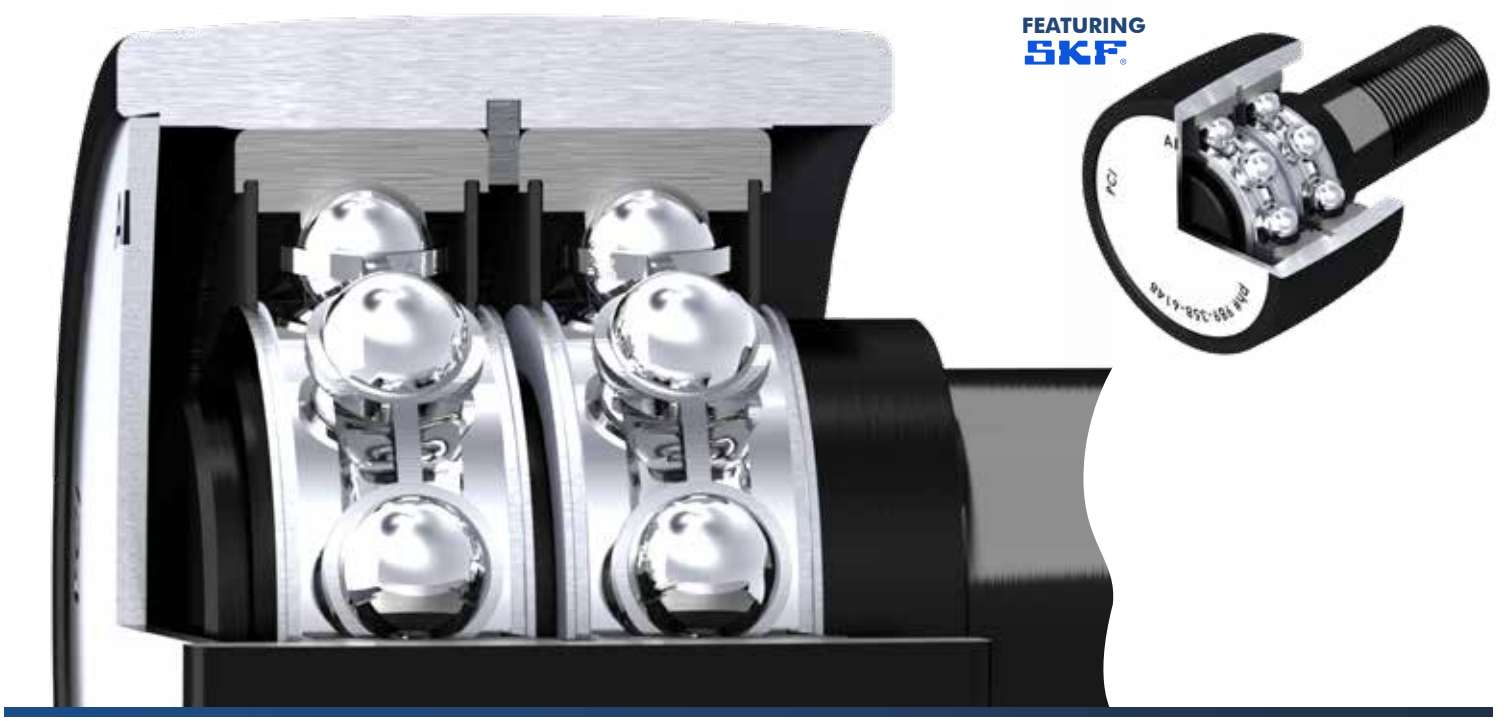
∞| *Infinity Roller™ Technology*

CROWNED BODY PROFILE
is spherical in shape to effectively carry radial loads and used on flat tracks.

PREVENTS END LOADING
due to misalignment by guiding (centering) the load and improves stud capacity.

MINIMIZES THRUST LOADING
from misalignment and can be used in rotary (or circular track) to reduce scrubbing or skidding.

Crown is exaggerated for illustration only



FEATURING SKF

BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

TRACK ROLLERS

CTR – Crowned/Spherical – Stud Type Tapered Roller Bearings

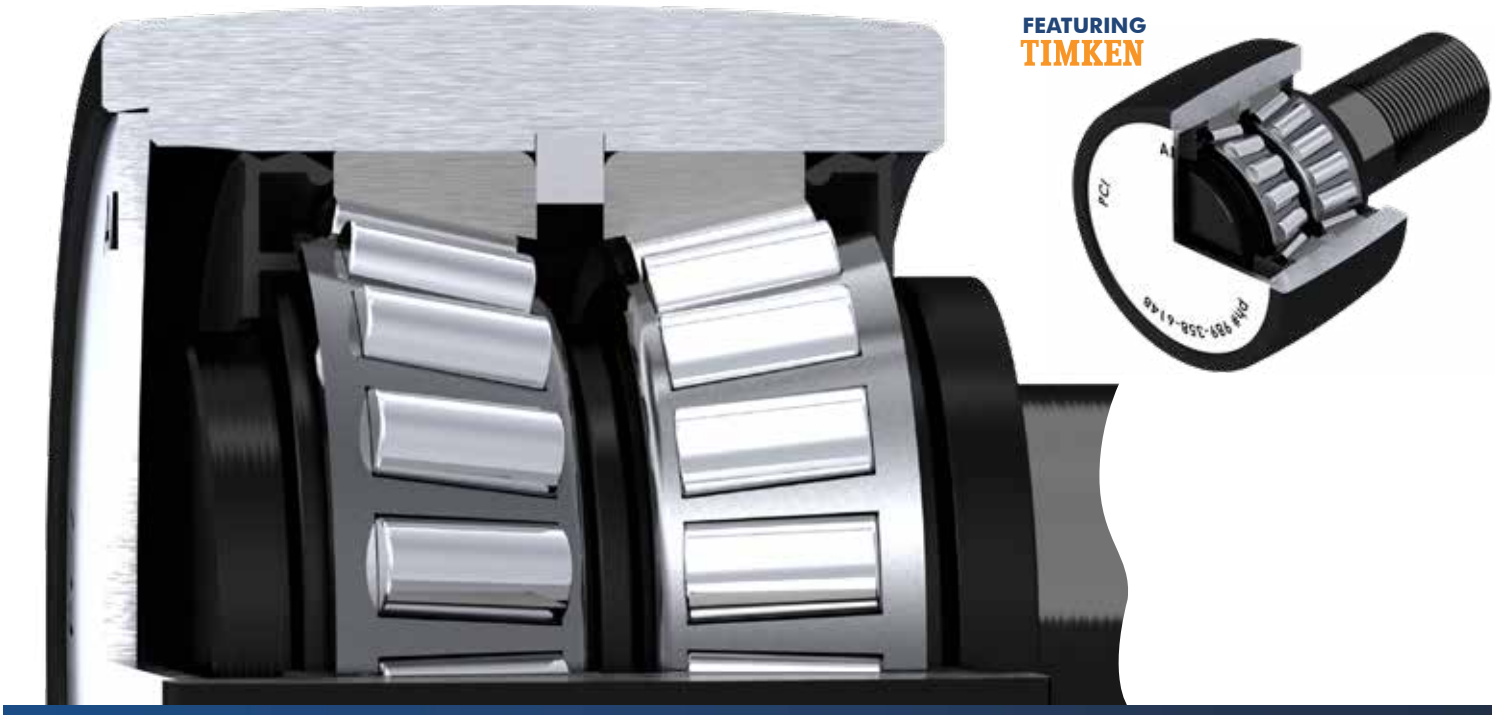
∞| *Infinity Roller™ Technology*

CROWNED BODY PROFILE
is spherical in shape to effectively carry radial loads and used on flat tracks.

PREVENTS END LOADING
due to misalignment by guiding (centering) the load and improves stud capacity.

MINIMIZES THRUST LOADING
from misalignment and can be used in rotary (or circular track) to reduce scrubbing or skidding.

Crown is exaggerated for illustration only



FEATURING TIMKEN

BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER DUAL LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

TIMKEN TAPERED ROLLER BEARINGS
precision matched sets ensure maximum thrust load paired with moderate radial load capacity.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

CTR – TRACK ROLLERS

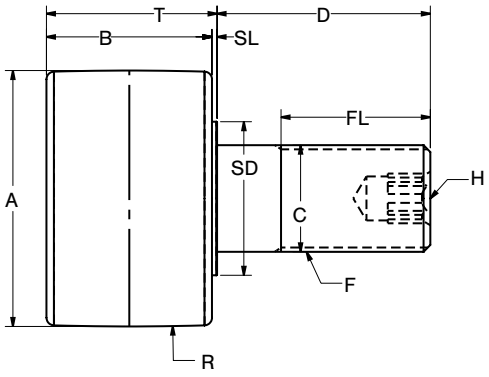
Crowned/Spherical – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width
CTR-1.00	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	12	0.5	0.03	0.78
CTR-1.125	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	12	0.5	0.03	0.78
CTR-1.25	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	14	0.6	0.03	0.84
CTR-1.375	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	14	0.6	0.03	0.84
CTR-1.50	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	20	0.8	0.06	1.19
CTR-1.75-5	1.750	1.13	0.500	0.88	1/2- 13	0.75	-	20	.625(HEX)	0.32	1.44
CTR-1.75	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.06	1.19
CTR-2.00-2	2.000	1.32	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.38
CTR-2.00	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.69
CTR-2.25	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.69
CTR-2.50	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	30	1.2	0.06	1.69
CTR-2.50-10	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	30	1.2	0.19	1.81
CTR-2.50E	2.500	1.75	1.000	2.25	1 - 14	1.50	1/2	30	1.3	0.06	1.81
CTR-2.75	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	30	1.2	0.06	1.69
CTR-2.75E	2.750	1.75	1.000	2.25	1 - 14	1.50	1/2	30	1.3	0.06	1.81
CTR-3.00A	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-3.00	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-3.25A	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-3.25	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-3.50A	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-3.50	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-4.00A	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-4.00	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-4.50	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-5.00	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	48	3.0	0.06	3.00
CTR-6.00	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	56	3.5	0.06	3.00
CTR-7.00	7.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	56	3.5	0.06	3.00
CTR-8.00	8.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	56	3.5	0.06	3.00
CTR-10.00	10.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	56	3.5	0.06	3.00
CTR-10.00-8	10.000	4.87	4.250	9.00	3 1/2 - 4	4.00	5/8	40	5.0	0.13	5.00

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option





Solutions Through Innovation

CTR – TRACK ROLLERS

Crowned/Spherical – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTR-1.00	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.17
CTR-1.125	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.21
CTR-1.25	1,430	750	360	190	19,000	900	470	180	NBR Lip	PREMIUM DGBB	0.28
CTR-1.375	1,430	750	360	190	19,000	900	470	180	NBR Lip	PREMIUM DGBB	0.34
CTR-1.50	2,660	1,400	670	350	15,000	1,570	550	350	NBR Lip	PREMIUM DGBB	0.54
CTR-1.75-5	2,660	1,400	670	350	15,000	1,020	550	650	NBR Lip	PREMIUM DGBB	0.84
CTR-1.75	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	PREMIUM DGBB	0.84
CTR-2.00-2	3,630	2,140	1,820	1,070	12,000	3,520	900	650	NBR Lip	PREMIUM DGBB	1.44
CTR-2.00	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	1.44
CTR-2.25	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	1.76
CTR-2.50	5,390	3,510	2,700	1,760	8,500	8,180	1,340	650	NBR Lip	PREMIUM DGBB	2.21
CTR-2.50-10	5,390	3,510	2,700	1,760	8,500	7,160	1,340	650	NBR Lip	PREMIUM DGBB	2.21
CTR-2.50E	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	2.38
CTR-2.75	5,390	3,510	2,700	1,760	8,500	8,180	1,340	650	NBR Lip	PREMIUM DGBB	2.67
CTR-2.75E	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	2.85
CTR-3.00A	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	3.87
CTR-3.00	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.06
CTR-3.25A	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	4.53
CTR-3.25	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.72
CTR-3.50A	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	5.33
CTR-3.50	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	5.52
CTR-4.00A	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	6.91
CTR-4.00	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	7.11
CTR-4.50	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	8.91
CTR-5.00	38,060	58,400	14,350	37,660	1,550	37,440	-	1,500	NBR Dual Lip	PREMIUM TRB	18.18
CTR-6.00	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	27.86
CTR-7.00	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	35.11
CTR-8.00	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	45.72
CTR-10.00	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	68.82
CTR-10.00-8	87,060	160,200	43,590	137,150	790	214,290	-	1,500	NBR Lip	PREMIUM TRB	126.55



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

CTR-R – TRACK ROLLERS

Crowned/Spherical – Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

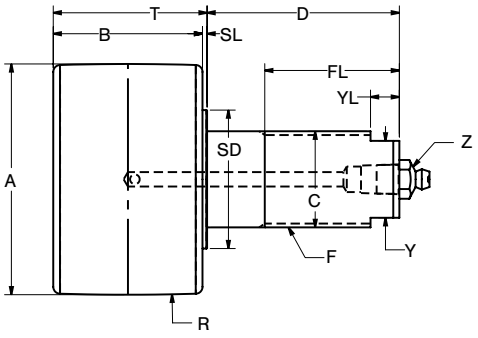
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
CTR-1.00-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	12	0.5	0.03	0.78	0.312	0.250	1/8 Drive
CTR-1.125-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	12	0.5	0.03	0.78	0.312	0.250	1/8 Drive
CTR-1.25-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	14	0.6	0.03	0.84	0.375	0.250	1/8 Drive
CTR-1.375-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	14	0.6	0.03	0.84	0.375	0.250	1/8 Drive
CTR-1.50-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	20	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
CTR-1.75-5-R	1.750	1.13	0.500	0.88	1/2- 13	0.75	-	20	.625(HEX)	0.32	1.44	0.375	0.250	1/8 Drive
CTR-1.75-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	20	0.9	0.06	1.19	0.625	0.375	1/8-27 NPT
CTR-2.00-2-R	2.000	1.32	0.875	2.00	7/8 - 14	1.13	-	24	1.0	0.06	1.38	0.625	0.375	1/8-27 NPT
CTR-2.00-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	24	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CTR-2.25-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	24	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CTR-2.50-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	30	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CTR-2.50-10-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	30	1.2	0.19	1.81	0.875	0.375	1/8-27 NPT
CTR-2.50E-R	2.500	1.75	1.000	2.25	1 - 14	1.50	-	30	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
CTR-2.75-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	30	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CTR-2.75E-R	2.750	1.75	1.000	2.25	1 - 14	1.50	-	30	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
CTR-3.00A-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF
CTR-3.00-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	30	1.8	0.06	2.00	-	-	1/4-28 UNF
CTR-3.25A-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF
CTR-3.25-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	30	1.8	0.06	2.00	-	-	1/4-28 UNF
CTR-3.50A-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF
CTR-3.50-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.8	0.06	2.00	-	-	1/4-28 UNF
CTR-4.00A-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF
CTR-4.00-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.8	0.06	2.00	-	-	1/4-28 UNF
CTR-4.50-R	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.8	0.06	2.00	-	-	1/4-28 UNF
CTR-5.00-R	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	48	3.0	0.06	3.00	-	-	1/4-28 UNF
CTR-6.00-R	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	56	3.5	0.06	3.00	-	-	1/4-28 UNF
CTR-7.00-R	7.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	56	3.5	0.06	3.00	-	-	1/4-28 UNF
CTR-8.00-R	8.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	56	3.5	0.06	3.00	-	-	1/4-28 UNF
CTR-10.00-R	10.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	56	3.5	0.06	3.00	-	-	1/4-28 UNF

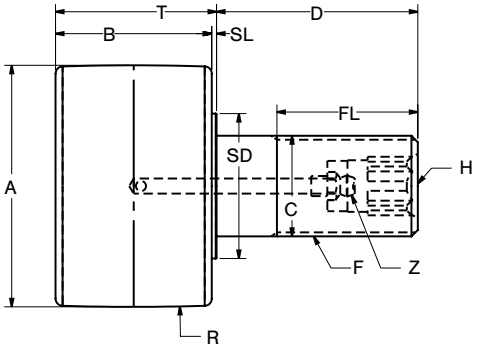
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option contain more economical seals and rolling elements



THROUGH 2.75" ROLLER DIA.



3.00" ROLLER DIA. AND LARGER



CTR-R – TRACK ROLLERS

Crowned/Spherical – Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTR-1.00-R	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.17
CTR-1.125-R	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.21
CTR-1.25-R	1,430	750	360	190	19,000	900	470	180	NBR Lip	PREMIUM DGBB	0.28
CTR-1.375-R	1,430	750	360	190	19,000	900	470	180	NBR Lip	PREMIUM DGBB	0.34
CTR-1.50-R	2,660	1,400	670	350	15,000	1,570	550	350	NBR Lip	PREMIUM DGBB	0.54
CTR-1.75-5-R	2,660	1,400	670	350	15,000	1,020	550	650	NBR Lip	PREMIUM DGBB	0.84
CTR-1.75-R	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	PREMIUM DGBB	0.84
CTR-2.00-2-R	3,630	2,140	1,820	1,070	12,000	3,520	900	650	NBR Lip	PREMIUM DGBB	1.44
CTR-2.00-R	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	1.44
CTR-2.25-R	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	1.76
CTR-2.50-R	5,390	3,510	2,700	1,760	8,500	8,180	1,340	650	NBR Lip	PREMIUM DGBB	2.21
CTR-2.50-10-R	5,390	3,510	2,700	1,760	8,500	7,160	1,340	650	NBR Lip	PREMIUM DGBB	2.21
CTR-2.50E-R	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	2.38
CTR-2.75-R	5,390	3,510	2,700	1,760	8,500	8,180	1,340	650	NBR Lip	PREMIUM DGBB	2.67
CTR-2.75E-R	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	2.85
CTR-3.00A-R	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	3.87
CTR-3.00-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.06
CTR-3.25A-R	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	4.53
CTR-3.25-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.72
CTR-3.50A-R	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	5.33
CTR-3.50-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	5.52
CTR-4.00A-R	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	6.91
CTR-4.00-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	7.11
CTR-4.50-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	8.91
CTR-5.00-R	38,060	58,400	14,350	37,660	1,550	37,440	-	1,500	NBR Dual Lip	PREMIUM TRB	18.18
CTR-6.00-R	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	27.86
CTR-7.00-R	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	35.11
CTR-8.00-R	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	45.72
CTR-10.00-R	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	68.82



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

CTRE – TRACK ROLLERS

Crowned/Spherical – Stud Eccentric Ball & Tapered Roller Bearings

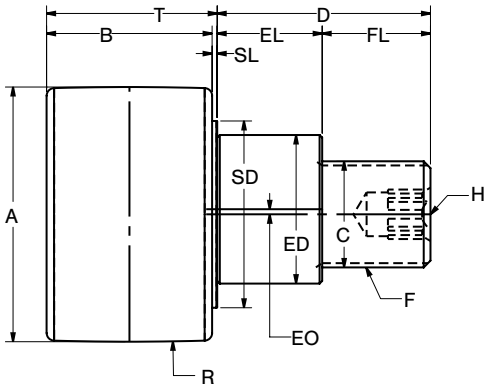
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER		
∞ | PART NUMBER	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width
CTRE-1.00	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	12	0.7	0.03	0.78
CTRE-1.125	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	12	0.7	0.03	0.78
CTRE-1.25	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	14	0.8	0.03	0.84
CTRE-1.375	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	14	0.8	0.03	0.84
CTRE-1.50	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	20	1.1	0.06	1.19
CTRE-1.75	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	20	1.3	0.06	1.19
CTRE-2.00-2	2.000	1.32	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	24	1.5	0.06	1.38
CTRE-2.00	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	24	1.5	0.06	1.69
CTRE-2.25	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	24	1.5	0.06	1.69
CTRE-2.50	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	30	1.7	0.06	1.69
CTRE-2.50-10	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	30	1.7	0.19	1.81
CTRE-2.50E	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	30	1.7	0.06	1.81
CTRE-2.75	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	30	1.7	0.06	1.69
CTRE-2.75E	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	30	1.7	0.06	1.81
CTRE-3.00A	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.06	2.00
CTRE-3.00	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.06	2.00
CTRE-3.25A	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.06	2.00
CTRE-3.25	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.06	2.00
CTRE-3.50A	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00
CTRE-3.50	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00
CTRE-4.00A	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00
CTRE-4.00	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00
CTRE-4.50	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00
CTRE-5.00	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	48	3.3	0.06	3.00
CTRE-6.00	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	56	3.6	0.06	3.00

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option







CTRE – TRACK ROLLERS

Crowned/Spherical – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRE-1.00	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.20
CTRE-1.125	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.24
CTRE-1.25	1,430	750	360	190	19,000	930	470	250	NBR Lip	PREMIUM DGBB	0.31
CTRE-1.375	1,430	750	360	190	19,000	930	470	250	NBR Lip	PREMIUM DGBB	0.37
CTRE-1.50	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	PREMIUM DGBB	0.63
CTRE-1.75	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	PREMIUM DGBB	0.95
CTRE-2.00-2	3,630	2,140	1,820	1,070	12,000	3,520	900	650	NBR Lip	PREMIUM DGBB	1.62
CTRE-2.00	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	1.62
CTRE-2.25	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	2.00
CTRE-2.50	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	2.47
CTRE-2.50-10	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	2.47
CTRE-2.50E	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	2.65
CTRE-2.75	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	2.93
CTRE-2.75E	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	3.02
CTRE-3.00A	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	4.51
CTRE-3.00	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.54
CTRE-3.25A	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	5.17
CTRE-3.25	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	5.20
CTRE-3.50A	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	6.07
CTRE-3.50	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	6.11
CTRE-4.00A	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	7.66
CTRE-4.00	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	7.69
CTRE-4.50	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	9.49
CTRE-5.00	38,060	58,400	14,350	37,660	1,550	37,440	-	1,500	NBR Dual Lip	PREMIUM TRB	19.59
CTRE-6.00	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	30.13



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

CTRE-R – TRACK ROLLERS

Crowned/Cylindrical – Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

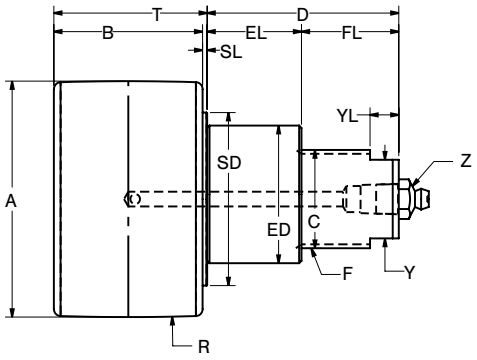
Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
CTRE-1.00-R	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	12	0.7	0.03	0.78	0.312	0.250	1/8 Drive
CTRE-1.125-R	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	12	0.7	0.03	0.78	0.312	0.250	1/8 Drive
CTRE-1.25-R	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	14	0.8	0.03	0.84	0.375	0.250	1/8 Drive
CTRE-1.375-R	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	14	0.8	0.03	0.84	0.375	0.250	1/8 Drive
CTRE-1.50-R	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	20	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF
CTRE-1.75-R	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	-	20	1.3	0.06	1.19	0.625	0.375	1/8-27 NPT
CTRE-2.00-2-R	2.000	1.32	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	24	1.5	0.06	1.38	0.625	0.375	1/8-27 NPT
CTRE-2.00-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	24	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CTRE-2.25-R	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	24	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CTRE-2.50-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	30	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CTRE-2.50-10-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	30	1.7	0.19	1.81	0.875	0.375	1/8-27 NPT
CTRE-2.50E-R	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	30	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
CTRE-2.75-R	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	30	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CTRE-2.75E-R	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	30	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
CTRE-3.00A-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	30	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-3.00-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	30	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-3.25A-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	30	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-3.25-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	30	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-3.50A-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	30	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-3.50-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	30	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-4.00A-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	30	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-4.00-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	30	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-4.50-R	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	30	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-5.00-R	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	48	3.3	0.06	3.00	-	-	1/4-28 UNF
CTRE-6.00-R	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	56	3.6	0.06	3.00	-	-	1/4-28 UNF

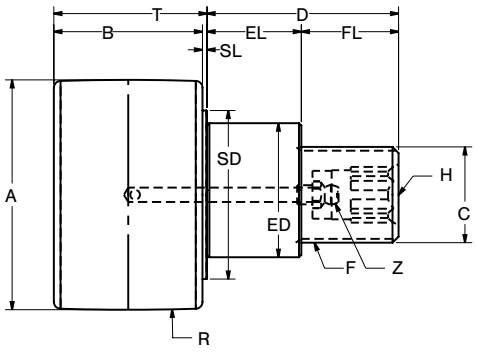
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option



THROUGH 2.75" ROLLER DIA.



3.00" ROLLER DIA. AND LARGER



CTRE-R – TRACK ROLLERS

Crowned/Cylindrical – Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRE-1.00-R	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.20
CTRE-1.125-R	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.24
CTRE-1.25-R	1,430	750	360	190	19,000	930	470	250	NBR Lip	PREMIUM DGBB	0.31
CTRE-1.375-R	1,430	750	360	190	19,000	930	470	250	NBR Lip	PREMIUM DGBB	0.37
CTRE-1.50-R	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	PREMIUM DGBB	0.63
CTRE-1.75-R	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	PREMIUM DGBB	0.95
CTRE-2.00-2-R	3,630	2,140	1,820	1,070	12,000	3,520	900	650	NBR Lip	PREMIUM DGBB	1.62
CTRE-2.00-R	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	1.62
CTRE-2.25-R	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	2.00
CTRE-2.50-R	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	2.47
CTRE-2.50-10-R	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	2.47
CTRE-2.50E-R	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	2.65
CTRE-2.75-R	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	2.93
CTRE-2.75E-R	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	3.02
CTRE-3.00A-R	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	4.51
CTRE-3.00-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.54
CTRE-3.25A-R	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	5.17
CTRE-3.25-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	5.20
CTRE-3.50A-R	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	6.07
CTRE-3.50-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	6.11
CTRE-4.00A-R	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	7.66
CTRE-4.00-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	7.69
CTRE-4.50-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	9.49
CTRE-5.00-R	38,060	58,400	14,350	37,660	1,550	37,440	-	1,500	NBR Dual Lip	PREMIUM TRB	19.59
CTRE-6.00-R	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	30.13



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

TRACK ROLLERS

CTRY - Crowned/Spherical – Yoke Type Ball Bearings

∞| *Infinity Roller™ Technology*

CROWNED BODY PROFILE
is spherical in shape to effectively carry radial loads and used on flat tracks.

PREVENTS END LOADING
due to misalignment by guiding (centering) the load and improves stud capacity.

MINIMIZES THRUST LOADING
from misalignment and can be used in rotary (or circular track) to reduce scrubbing or skidding.

Crown is exaggerated for illustration only



FEATURING SKF



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

EASY INSTALLATION
slip fit bore is designed for use with positive end clamping force without thrust loading the ball bearings.

TRACK ROLLERS

CTRY - Crowned/Spherical – Yoke Type Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

CROWNED BODY PROFILE
is spherical in shape to effectively carry radial loads and used on flat tracks.

PREVENTS END LOADING
due to misalignment by guiding (centering) the load and improves stud capacity.

MINIMIZES THRUST LOADING
from misalignment and can be used in rotary (or circular track) to minimize scrubbing or skidding.

Crown is exaggerated for illustration only



FEATURING TIMKEN



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER DUAL LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

TIMKEN TAPERED ROLLER BEARINGS
precision matched sets ensure maximum thrust load paired with moderate radial load capacity.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

EASY INSTALLATION
slip fit bore is designed for use with positive end clamping force without thrust loading the ball bearings.

CTRY – TRACK ROLLERS

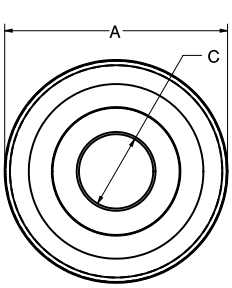
Crowned/Spherical – Yoke
Ball & Tapered Roller Bearings

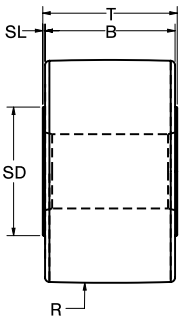
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	R	SD	SL	T	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	Crown Radius	SHOULDER			Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width			Dia.	Len.	Inner Race Width +.005 -.010		
CTRY-1.00	1.000	0.630	0.3130	12	0.6	0.03	0.690	YSH-.312	YSHE-.312
CTRY-1.125	1.125	0.630	0.3130	12	0.6	0.03	0.690	YSH-.312	YSHE-.312
CTRY-1.25	1.250	0.750	0.3755	14	0.6	0.03	0.813	YSH-.375	YSHE-.375
CTRY-1.375	1.375	0.750	0.3755	14	0.6	0.03	0.813	YSH-.375	YSHE-.375
CTRY-1.50	1.500	0.880	0.4380	20	0.9	0.03	0.937	YSH-.437	YSHE-.437
CTRY-1.75	1.750	1.000	0.5005	20	0.9	0.03	1.063	YSH-.500	YSHE-.500
CTRY-2.00	2.000	1.250	0.6255	24	1.1	0.03	1.313	YSH-.625	YSHE-.625
CTRY-2.25	2.250	1.250	0.6255	24	1.1	0.03	1.313	YSH-.625	YSHE-.625
CTRY-2.50	2.500	1.500	0.7505	30	1.2	0.03	1.563	YSH-.750	YSHE-.750
CTRY-2.50E	2.500	1.500	0.7505	30	1.3	0.03	1.563	YSH-.750	YSHE-.750
CTRY-2.75	2.750	1.500	0.7505	30	1.2	0.03	1.563	YSH-.750	YSHE-.750
CTRY-2.75E	2.750	1.500	0.7505	30	1.3	0.03	1.563	YSH-.750	YSHE-.750
CTRY-3.00A	3.000	1.750	1.0005	30	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
CTRY-3.00	3.000	1.750	1.0005	30	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
CTRY-3.25A	3.250	1.750	1.0005	30	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
CTRY-3.25	3.250	1.750	1.0005	30	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
CTRY-3.50A	3.500	2.000	1.1255	30	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
CTRY-3.50	3.500	2.000	1.1255	30	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
CTRY-4.00A	4.000	2.250	1.2505	30	2.0	0.03	2.313	YSH-1.250	YSHE-1.250
CTRY-4.00	4.000	2.250	1.2505	30	2.0	0.03	2.313	YSH-1.250	YSHE-1.250
CTRY-4.50	4.500	1.750	1.0005	30	1.7	0.03	1.813	YSH-1.000	YSHE-1.000
CTRY-5.00	5.000	2.750	1.7508	48	3.2	0.06	2.875	YSH-1.750	YSHE-1.750
CTRY-6.00	6.000	3.250	2.2508	56	3.5	0.06	3.375	YSH-2.250	YSHE-2.250
CTRY-7.00	7.000	3.750	2.7508	60	4.1	0.06	3.875	YSH-2.750	YSHE-2.750
CTRY-8.00	8.000	4.250	3.2560	40	4.7	0.13	4.500	YSH-3.250	-
CTRY-9.00	9.000	4.750	3.7560	40	5.3	0.13	5.000	YSH-3.750	-
CTRY-10.00	10.000	5.250	4.2560	40	6.5	0.13	5.500	YSH-4.250	-
CTRY-12.00	12.000	5.250	4.2560	40	6.5	0.13	5.500	YSH-4.250	-
CTRY-14.00	14.000	5.250	4.2560	40	6.5	0.13	5.500	YSH-4.250	-
CTRY-16.00	16.000	5.250	4.2560	40	6.5	0.13	5.500	YSH-4.250	-
CTRY-18.00	18.000	5.250	4.2560	40	6.5	0.13	5.500	YSH-4.250	-
CTRY-20.00	20.000	5.250	4.2560	40	6.5	0.13	5.500	YSH-4.250	-









PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option

CTRY – TRACK ROLLERS

Crowned/Spherical – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRY-1.00	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.09
CTRY-1.125	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.13
CTRY-1.25	1,060	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.18
CTRY-1.375	1,060	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.23
CTRY-1.50	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.30
CTRY-1.75	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.49
CTRY-2.00	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	0.49
CTRY-2.25	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	0.78
CTRY-2.50	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	1.55
CTRY-2.50E	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.72
CTRY-2.75	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	1.97
CTRY-2.75E	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.11
CTRY-3.00A	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	2.34
CTRY-3.00	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	2.59
CTRY-3.25A	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	2.94
CTRY-3.25	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.19
CTRY-3.50A	6,490	5,220	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	3.85
CTRY-3.50	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	4.23
CTRY-4.00A	6,490	5,220	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	6.10
CTRY-4.00	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	6.51
CTRY-4.50	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	6.91
CTRY-5.00	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	12.17
CTRY-6.00	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	19.28
CTRY-7.00	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	30.07
CTRY-8.00	89,040	159,800	42,050	126,030	850	NBR Lip	PREMIUM TRB	44.36
CTRY-9.00	142,470	250,000	57,860	115,980	760	NBR Lip	PREMIUM TRB	61.94
CTRY-10.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	82.98
CTRY-12.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	133.64
CTRY-14.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	193.03
CTRY-16.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	261.58
CTRY-18.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	339.32
CTRY-20.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	426.23





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

CTRY-R – TRACK ROLLERS

Crowned/Spherical – Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

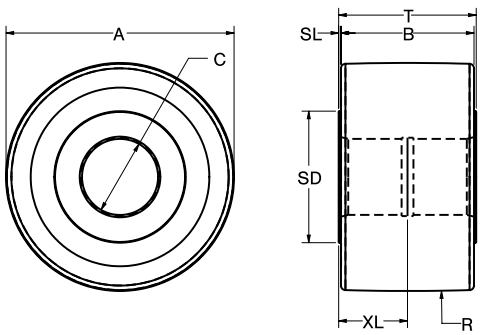
Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	R	SD	SL	T	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	Crown Radius	SHOULDER			Grease Groove Location	Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width			Dia.	Len.	Inner Race Width +.005 -.010			
CTRY-1.00-R	1.000	0.630	0.3130	12	0.6	0.03	0.688	0.34	YSH-.312-R	YSHE-.312-R
CTRY-1.125-R	1.125	0.630	0.3130	12	0.6	0.03	0.688	0.34	YSH-.312-R	YSHE-.312-R
CTRY-1.25-R	1.250	0.750	0.3755	14	0.6	0.03	0.813	0.41	YSH-.375-R	YSHE-.375-R
CTRY-1.375-R	1.375	0.750	0.3755	14	0.6	0.03	0.813	0.41	YSH-.375-R	YSHE-.375-R
CTRY-1.50-R	1.500	0.880	0.4380	20	0.9	0.03	0.937	0.47	YSH-.437-R	YSHE-.437-R
CTRY-1.75-R	1.750	1.000	0.5005	20	0.9	0.03	1.063	0.53	YSH-.500-R	YSHE-.500-R
CTRY-2.00-R	2.000	1.250	0.6255	24	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
CTRY-2.25-R	2.250	1.250	0.6255	24	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
CTRY-2.50-R	2.500	1.500	0.7505	30	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
CTRY-2.50E-R	2.500	1.500	0.7505	30	1.3	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
CTRY-2.75-R	2.750	1.500	0.7505	30	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
CTRY-2.75E-R	2.750	1.500	0.7505	30	1.3	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
CTRY-3.00A-R	3.000	1.750	1.0005	30	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
CTRY-3.00-R	3.000	1.750	1.0005	30	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
CTRY-3.25A-R	3.250	1.750	1.0005	30	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
CTRY-3.25-R	3.250	1.750	1.0005	30	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
CTRY-3.50A-R	3.500	2.000	1.1255	30	2.0	0.03	2.063	1.03	YSH-1.125-R	YSHE-1.125-R
CTRY-3.50-R	3.500	2.000	1.1255	30	2.0	0.03	2.063	1.03	YSH-1.125-R	YSHE-1.125-R
CTRY-4.00A-R	4.000	2.250	1.2505	30	2.0	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R
CTRY-4.00-R	4.000	2.250	1.2505	30	2.0	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R
CTRY-4.50-R	4.500	1.750	1.0005	30	1.7	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
CTRY-5.00-R	5.000	2.750	1.7508	48	3.2	0.06	2.875	1.44	YSH-1.750-R	YSHE-1.750-R
CTRY-6.00-R	6.000	3.250	2.2508	56	3.5	0.06	3.375	1.69	YSH-2.250-R	YSHE-2.250-R
CTRY-7.00-R	7.000	3.750	2.7508	60	4.1	0.06	3.875	1.94	YSH-2.750-R	YSHE-2.750-R
CTRY-8.00-R	8.000	4.250	3.2560	40	4.7	0.13	4.500	2.25	YSH-3.250-R	-
CTRY-9.00-R	9.000	4.750	3.7560	40	5.3	0.13	5.000	2.50	YSH-3.750-R	-
CTRY-10.00-R	10.000	5.250	4.2560	40	6.5	0.13	5.500	2.75	YSH-4.250-R	-
CTRY-12.00-R	12.000	5.250	4.2560	40	6.5	0.13	5.500	2.75	YSH-4.250-R	-
CTRY-14.00-R	14.000	5.250	4.2560	40	6.5	0.13	5.500	2.75	YSH-4.250-R	-
CTRY-16.00-R	16.000	5.250	4.2560	40	6.5	0.13	5.500	2.75	YSH-4.250-R	-
CTRY-18.00-R	18.000	5.250	4.2560	40	6.5	0.13	5.500	2.75	YSH-4.250-R	-
CTRY-20.00-R	20.000	5.250	4.2560	40	6.5	0.13	5.500	2.75	YSH-4.250-R	-

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option







CTRY-R – TRACK ROLLERS

Crowned/Spherical – Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ *Infinity Roller™ Technology*

Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRY-1.00-R	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.09
CTRY-1.125-R	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.13
CTRY-1.25-R	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.18
CTRY-1.375-R	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.23
CTRY-1.50-R	1,690	1,150	850	560	14,000	NBR Lip	PREMIUM DGBB	0.30
CTRY-1.75-R	1,690	1,150	850	560	14,000	NBR Lip	PREMIUM DGBB	0.49
CTRY-2.00-R	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	0.49
CTRY-2.25-R	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	0.78
CTRY-2.50-R	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	1.55
CTRY-2.50E-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.72
CTRY-2.75-R	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	1.97
CTRY-2.75E-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.11
CTRY-3.00A-R	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	2.34
CTRY-3.00-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	2.59
CTRY-3.25A-R	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	2.94
CTRY-3.25-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.19
CTRY-3.50A-R	6,490	5,220	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	3.85
CTRY-3.50-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	4.23
CTRY-4.00A-R	6,490	5,220	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	6.10
CTRY-4.00-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	6.51
CTRY-4.50-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	6.91
CTRY-5.00-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	12.17
CTRY-6.00-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	19.28
CTRY-7.00-R	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	30.07
CTRY-8.00-R	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	44.36
CTRY-9.00-R	142,470	250,000	98,940	115,980	760	NBR Lip	PREMIUM TRB	61.94
CTRY-10.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	82.98
CTRY-12.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	133.64
CTRY-14.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	193.03
CTRY-16.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	261.58
CTRY-18.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	339.32
CTRY-20.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	426.23





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

TRACK ROLLERS

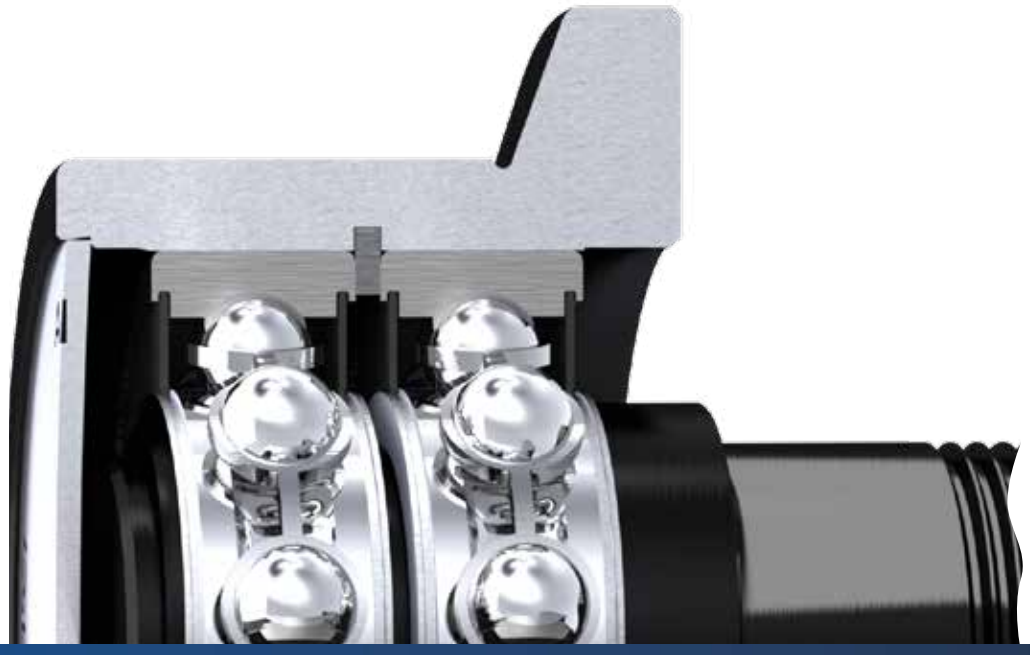
FTR - Flanged – Stud Type Ball Bearings

∞| Infinity Roller™ Technology

FLANGED BODY PROFILE
features a shoulder to locate while effectively carrying radial loads and used on flat tracks.

SELF-CONTAINED SINGLE DIRECTION
guidance is provided where axial (thrust) loads are expected.

ANGLED FLANGE REDUCES FRICTION
and are mounted in pairs with the flanges opposing.



FEATURING SKF



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

TRACK ROLLERS

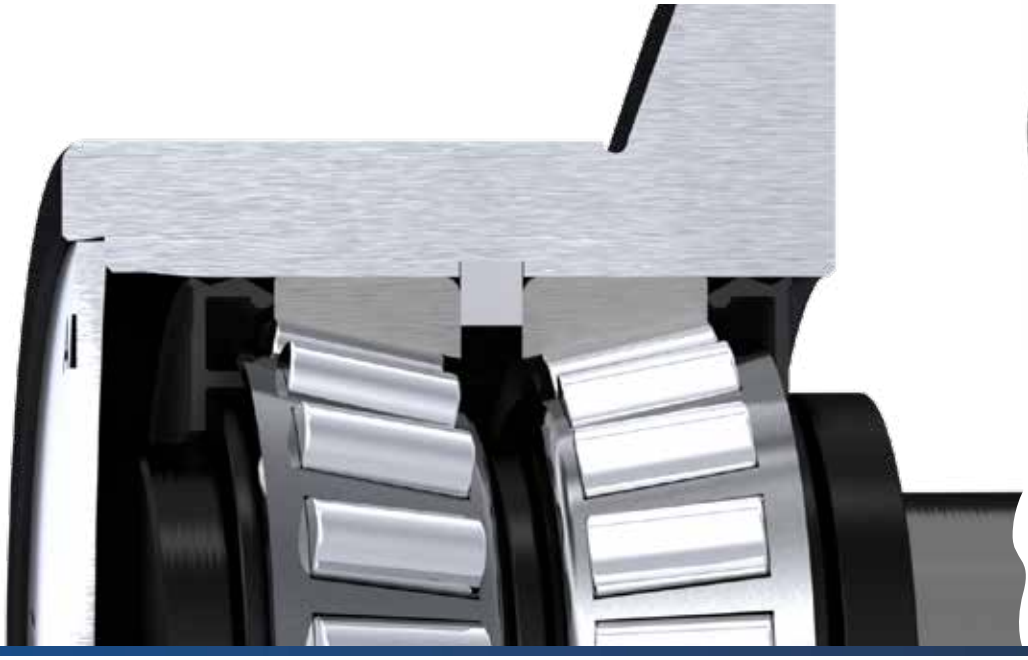
FTR - Flanged – Stud Type Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

FLANGED BODY PROFILE
features a shoulder to locate while effectively carrying radial loads and used on flat tracks.

SELF-CONTAINED SINGLE DIRECTION
guidance is provided where axial (thrust) loads are expected.

ANGLED FLANGE REDUCES FRICTION
and are mounted in pairs with the flanges opposing.



FEATURING TIMKEN



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER adds protection against direct spray and contamination (stud type).

NITRILE RUBBER DUAL LIP SEALS aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

TIMKEN TAPERED ROLLER BEARINGS
precision matched sets ensure maximum thrust load paired with moderate radial load capacity.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

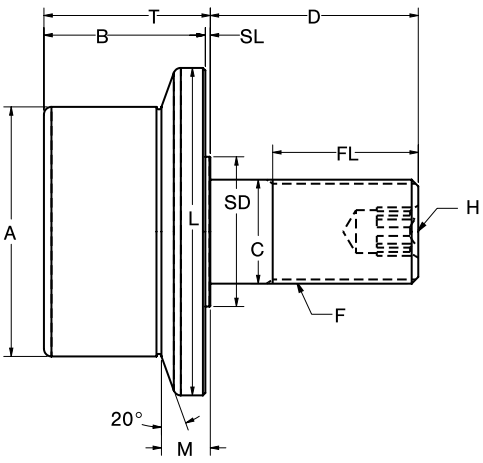
FTR – TRACK ROLLERS

Flanged – Stud Concentric
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
FTR-1.00	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.38	0.22	0.5	0.03	0.78
FTR-1.00-CSO	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.38	0.22	0.5	0.03	0.78
FTR-1.125	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.50	0.22	0.5	0.03	0.78
FTR-1.125-CSO	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.50	0.22	0.5	0.03	0.78
FTR-1.25	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.56	0.22	0.6	0.03	0.84
FTR-1.25-CSO	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.56	0.22	0.6	0.03	0.84
FTR-1.375	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.69	0.22	0.6	0.03	0.84
FTR-1.375-CSO	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.69	0.22	0.6	0.03	0.84
FTR-1.50-2	1.500	1.00	0.500	1.38	1/2- 20	0.75	1/4	2.00	0.34	0.6	0.06	1.06
FTR-1.50	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.19	0.34	0.8	0.06	1.19
FTR-1.50-CSO	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.19	0.34	0.8	0.06	1.19
FTR-1.75	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	2.44	0.34	0.9	0.06	1.19
FTR-1.75-CSO	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	2.44	0.34	0.9	0.06	1.19
FTR-2.00	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59	1.0	0.06	1.69
FTR-2.00-CSO	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59	1.0	0.06	1.69
FTR-2.00-9	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59*	1.0	0.06	1.69
FTR-2.25	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.59	1.0	0.06	1.69
FTR-2.25-CSO	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.59	1.0	0.06	1.69
FTR-2.50	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	3.19	0.59	1.2	0.06	1.69
FTR-2.50-CSO	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	3.19	0.59	1.2	0.06	1.69
FTR-2.50E	2.500	1.75	1.000	2.25	1 - 14	1.50	1/2	3.19	0.59	1.3	0.06	1.81
FTR-2.50E-CSO	2.500	1.75	1.000	2.25	1 - 14	1.50	1/2	3.19	0.59	1.3	0.06	1.81
FTR-2.75	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	3.44	0.59	1.2	0.06	1.69
FTR-2.75-CSO	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	3.44	0.59	1.2	0.06	1.69
FTR-2.75E	2.750	1.75	1.000	2.25	1 - 14	1.50	1/2	3.44	0.59	1.3	0.06	1.81
FTR-2.75E-CSO	2.750	1.75	1.000	2.25	1 - 14	1.50	1/2	3.44	0.59	1.3	0.06	1.81
FTR-3.00A	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.5	0.06	2.00
FTR-3.00	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.8	0.06	2.00
FTR-3.00-CSO	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.8	0.06	2.00
FTR-3.25A	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.5	0.06	2.00
FTR-3.25	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.8	0.06	2.00
FTR-3.25-CSO	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.8	0.06	2.00
FTR-3.50A	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.5	0.06	2.00
FTR-3.50	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.8	0.06	2.00
FTR-3.50-CSO	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.8	0.06	2.00
FTR-4.00A	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.5	0.06	2.00
FTR-4.00	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.8	0.06	2.00
FTR-4.00-CSO	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.8	0.06	2.00
FTR-4.50	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.44	0.59	1.8	0.06	2.00
FTR-4.50-CSO	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.44	0.59	1.8	0.06	2.00
FTR-4.75	4.750	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.75	0.59	1.8	0.06	2.00
FTR-5.00	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	5.94	0.72	3.0	0.06	3.00
FTR-5.00-CSO	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	5.94	0.72	3.0	0.06	3.00
FTR-6.00	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	6.94	0.72	3.5	0.06	3.00
FTR-6.00-CSO	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	6.94	0.72	3.5	0.06	3.00
FTR-7.00	7.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	7.94	0.72	3.5	0.06	3.00
FTR-7.00-CSO	7.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	7.94	0.72	3.5	0.06	3.00
FTR-8.00	8.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	8.94	0.72	3.5	0.06	3.00
FTR-8.00-CSO	8.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	8.94	0.72	3.5	0.06	3.00
FTR-10.00	10.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	10.94	0.72	3.5	0.06	3.00





PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option contain more economical seals and rolling elements
**FTR-2.00-9 has a 90° Square Flange in place of the standard 20° Flange*

Solutions Through Innovation

FTR – TRACK ROLLERS

Flanged – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (In-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTR-1.00	860	430	220	110	24,000	380	470	180	NBR Lip	PREMIUM DGBB	0.20
FTR-1.00-CSO	860	430	220	60	24,000	380	470	180	NBR Lip	DGBB	0.20
FTR-1.125	860	430	220	110	24,000	380	470	180	NBR Lip	PREMIUM DGBB	0.24
FTR-1.125-CSO	860	430	220	60	24,000	380	470	180	NBR Lip	DGBB	0.24
FTR-1.25	1,430	750	360	190	19,000	710	470	180	NBR Lip	PREMIUM DGBB	0.32
FTR-1.25-CSO	1,230	640	360	80	19,000	710	470	180	NBR Lip	DGBB	0.32
FTR-1.375	1,430	750	360	190	19,000	710	470	180	NBR Lip	PREMIUM DGBB	0.37
FTR-1.375-CSO	1,230	640	360	80	19,000	710	470	180	NBR Lip	DGBB	0.37
FTR-1.50-2	1,860	1,080	670	140	17,000	740	470	350	NBR Lip	PREMIUM DGBB	0.66
FTR-1.50	2,660	1,400	670	350	15,000	1,210	550	350	NBR Lip	PREMIUM DGBB	0.66
FTR-1.50-CSO	2,660	1,400	670	350	15,000	1,210	550	350	NBR Lip	DGBB	0.66
FTR-1.75	2,660	1,400	670	350	15,000	1,210	550	650	NBR Lip	PREMIUM DGBB	0.97
FTR-1.75-CSO	2,660	1,400	670	350	15,000	1,210	550	650	NBR Lip	DGBB	0.97
FTR-2.00	3,630	2,140	1,820	1,070	12,000	2,830	900	650	NBR Lip	PREMIUM DGBB	1.76
FTR-2.00-CSO	3,630	2,140	1,570	540	12,000	2,830	900	650	NBR Lip	DGBB	1.76
FTR-2.00-9	3,630	2,140	1,820	1,070	12,000	2,830	900	650	NBR Lip	PREMIUM DGBB	1.76
FTR-2.25	3,630	2,140	1,820	1,070	12,000	2,830	900	650	NBR Lip	PREMIUM DGBB	2.18
FTR-2.25-CSO	3,630	2,140	1,570	540	12,000	2,830	900	650	NBR Lip	DGBB	2.18
FTR-2.50	5,390	3,510	2,700	1,760	8,500	6,280	1,340	650	NBR Lip	PREMIUM DGBB	2.70
FTR-2.50-CSO	5,390	3,510	2,410	880	8,500	6,280	1,340	650	NBR Lip	DGBB	2.70
FTR-2.50E	13,720	14,800	5,130	9,470	2,100	5,970	-	1,500	NBR Dual Lip	PREMIUM TRB	2.79
FTR-2.50E-CSO	10,880	13,720	4,010	9,470	2,100	5,970	-	1,500	NBR Dual Lip	TRB	2.79
FTR-2.75	5,390	3,510	2,700	1,760	8,500	6,280	1,340	650	NBR Lip	PREMIUM DGBB	3.20
FTR-2.75-CSO	5,390	3,510	2,410	880	8,500	6,280	1,340	650	NBR Lip	DGBB	3.20
FTR-2.75E	13,720	14,800	5,130	9,470	2,100	5,970	-	1,500	NBR Dual Lip	PREMIUM TRB	3.29
FTR-2.75E-CSO	10,880	13,720	4,010	9,470	2,100	5,970	-	1,500	NBR Dual Lip	TRB	3.29
FTR-3.00A	7,400	5,040	3,700	2,520	8,000	10,800	1,950	1,500	NBR Lip	PREMIUM DGBB	4.51
FTR-3.00	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	4.72
FTR-3.00-CSO	14,300	20,000	5,790	14,120	2,490	10,800	-	1,500	NBR Dual Lip	TRB	4.72
FTR-3.25A	7,400	5,040	3,700	2,520	8,000	10,800	1,950	1,500	NBR Lip	PREMIUM DGBB	5.34
FTR-3.25	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	5.54
FTR-3.25-CSO	14,300	20,000	5,790	14,120	2,490	10,800	-	1,500	NBR Dual Lip	TRB	5.54
FTR-3.50A	7,400	5,040	3,700	2,520	8,000	10,800	1,950	1,500	NBR Lip	PREMIUM DGBB	6.08
FTR-3.50	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
FTR-3.50-CSO	14,300	20,000	5,790	14,120	2,490	10,800	-	1,500	NBR Dual Lip	TRB	6.27
FTR-4.00A	7,400	5,040	3,700	2,520	8,000	10,800	1,950	1,500	NBR Lip	PREMIUM DGBB	7.92
FTR-4.00	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	8.22
FTR-4.00-CSO	14,300	20,000	5,790	14,120	2,490	10,800	-	1,500	NBR Dual Lip	TRB	8.22
FTR-4.50	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	10.16
FTR-4.50-CSO	14,300	20,000	5,790	14,120	2,490	10,800	-	1,500	NBR Dual Lip	TRB	10.16
FTR-4.75	17,940	20,000	12,670	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	11.22
FTR-5.00	38,060	58,400	14,350	37,660	1,550	30,800	-	1,500	NBR Dual Lip	PREMIUM TRB	20.22
FTR-5.00-CSO	35,870	58,400	13,310	37,660	1,550	30,800	-	1,500	NBR Dual Lip	TRB	20.22
FTR-6.00	37,990	56,200	15,320	38,740	1,250	60,150	-	1,500	NBR Dual Lip	PREMIUM TRB	30.72
FTR-6.00-CSO	35,830	56,200	14,150	38,740	1,250	60,150	-	1,500	NBR Dual Lip	TRB	30.72
FTR-7.00	37,990	56,200	15,320	38,740	1,250	60,150	-	1,500	NBR Dual Lip	PREMIUM TRB	38.01
FTR-7.00-CSO	35,830	56,200	14,150	38,740	1,250	60,150	-	1,500	NBR Dual Lip	TRB	38.01
FTR-8.00	37,990	56,200	15,320	38,740	1,250	60,150	-	1,500	NBR Dual Lip	PREMIUM TRB	49.33
FTR-8.00-CSO	35,830	56,200	14,150	38,740	1,250	60,150	-	1,500	NBR Dual Lip	TRB	49.33
FTR-10.00	37,990	56,200	15,320	38,740	1,250	60,150	-	1,500	NBR Dual Lip	PREMIUM TRB	72.86



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

MFTR – TRACK ROLLERS

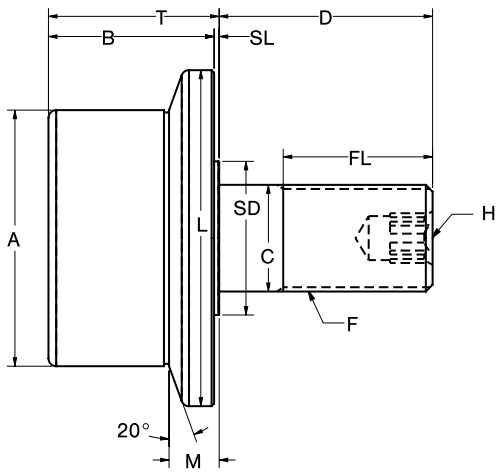
Metric Flanged – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

Metric Measure (mm)												
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.00 -.03	Width	Dia. +.00 -.03	Len.	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
MFTR-26	26	19.2	10	23	M10 X 1	13	4	35	5	13.1	0.8	20
MFTR-30	30	19.2	12	25	M12 X 1.5	14	4	40	5	15.9	0.8	20
MFTR-32	32	21.2	12	25	M12 X 1.5	14	4	42	5	15.9	0.8	22
MFTR-35	35	21.2	16	32.5	M16 X 1.5	18	8	46	5	19.1	0.8	22
MFTR-40	40	28.4	14	40	M14 X 2	26	6	54	9	18	1.6	30
MFTR-40-1	40	26	18	36.5	M18 X 1.5	19	8	54	8	22	1.6	27.6
MFTR-47	47	26	20	40.5	M20 X 1.5	21	8	61	8	25.5	1.6	27.6
MFTR-50	50	38.4	16	50	M16 X 2	35	8	68	14	23	1.6	40
MFTR-52	52	32	20	40.5	M20 X 1.5	21	8	66	11	25.5	1.6	33.6
MFTR-62	62	42.4	24	58	M24 X 3	35	8	78	14	32	1.6	44
MFTR-62-1	62	42	24	49.5	M24 X 1.5	25	8	78	14	32	1.6	44
MFTR-72	72	42.4	24	50	M24 X 1.5	25	8	90	14	32	1.6	44
MFTR-76	76	50	30	69.5	M30 X 3.5	40	12	98	14	44.5	1.6	52
MFTR-80	80	50.4	30	70	M30 X 3.5	40	12	102	14	44.5	1.6	52
MFTR-85	85	50	30	69.5	M30 X 3.5	40	12	107	14	44.5	1.6	52
MFTR-90	90	50.4	30	70	M30 X 3.5	40	12	112	14	44.5	1.6	52
MFTR-100-1	100	50	30	69.5	M30 X 3.5	40	12	125	14	44.5	1.6	52
MFTR-100	100	50.4	30	80	M30 X 3.5	50	12	125	14	44.5	1.6	52
MFTR-125	125	74	48	105	M48 X 5	60	12	148	18	76.2	1.6	76
MFTR-150	150	74.4	64	140	M64 X 6	82	12	173	18	88.9	1.6	76
MFTR-200	200	74	64	140	M64 X 6	82	12	223	18	88.9	1.6	76

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option contain more economical seals and rolling elements





MFTR – TRACK ROLLERS

Metric Flanged – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (N) C	Basic Radial Static Load Rating (N) C_o	Thrust Dynamic Load Rating (N)	Thrust Static Load Rating (N)	Max Speed Rating (rpm)	Stud Capacity (N)	Retaining Ring Capacity (N)	Max. Clamping Torque (Nm)*	Seal Type	Bearing Type	Approx. Roller Weight (kg)
MFTR-26	3,790	1,910	950	480	24,000	1,780	2,090	20	NBR Lip	PREMIUM DGBB	0.1
MFTR-30	3,790	1,910	950	480	24,000	1,780	2,090	20	NBR Lip	PREMIUM DGBB	0.1
MFTR-32	6,330	3,320	1,580	830	19,000	3,300	2,090	20	NBR Lip	PREMIUM DGBB	0.2
MFTR-35	6,330	3,320	1,580	830	19,000	3,300	2,090	20	NBR Lip	PREMIUM DGBB	0.2
MFTR-40	11,800	6,210	2,950	1,550	15,000	5,420	2,440	20	NBR Lip	PREMIUM DGBB	0.3
MFTR-40-1	11,800	6,210	2,950	1,550	15,000	5,560	2,440	20	NBR Lip	PREMIUM DGBB	0.2
MFTR-47	11,800	6,210	2,950	1,550	15,000	5,560	2,440	20	NBR Lip	PREMIUM DGBB	0.5
MFTR-50	16,130	9,510	8,070	4,760	12,000	7,480	4,000	68	NBR Lip	PREMIUM DGBB	0.7
MFTR-52	16,130	9,510	8,070	4,760	12,000	12,400	4,000	68	NBR Lip	PREMIUM DGBB	0.8
MFTR-62	23,980	15,610	11,990	7,810	8,500	23,520	5,960	68	NBR Lip	PREMIUM DGBB	1.2
MFTR-62-1	23,980	15,610	11,990	7,810	8,500	23,520	5,960	68	NBR Lip	PREMIUM DGBB	1.2
MFTR-72	58,630	65,840	22,820	42,100	2,100	23,520	-	68	NBR Dual Lip	PREMIUM TRB	1.3
MFTR-76	79,810	88,970	32,950	62,800	2,490	40,360	-	136	NBR Dual Lip	PREMIUM TRB	2.2
MFTR-80	79,810	88,970	32,950	62,800	2,490	40,360	-	136	NBR Dual Lip	PREMIUM TRB	2.4
MFTR-85	79,810	88,970	32,950	62,800	2,490	40,360	-	136	NBR Dual Lip	PREMIUM TRB	2.8
MFTR-90	79,810	88,970	32,950	62,800	2,490	40,360	-	136	NBR Dual Lip	PREMIUM TRB	3.0
MFTR-100-1	79,810	88,970	32,950	62,800	2,490	40,360	-	136	NBR Dual Lip	PREMIUM TRB	3.7
MFTR-100	79,810	88,970	32,950	62,800	2,490	40,360	-	136	NBR Dual Lip	PREMIUM TRB	3.5
MFTR-125	169,290	259,780	63,830	167,480	1,550	116,080	-	136	NBR Dual Lip	PREMIUM TRB	8.9
MFTR-150	168,990	250,000	38,120	172,310	1,250	274,280	-	136	NBR Dual Lip	PREMIUM TRB	13.1
MFTR-200	168,990	250,000	68,120	172,310	1,250	274,280	-	136	NBR Dual Lip	PREMIUM TRB	20.4



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

FTR-R – TRACK ROLLERS

Flanged – Stud Concentric

Ball & Tapered Roller Bearings - Regreasable

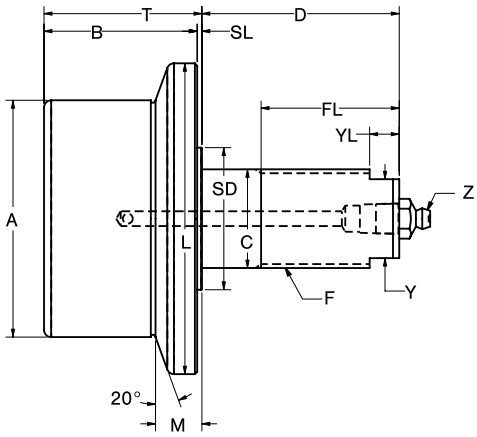
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia	Width	Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
FTR-1.00-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	1.38	0.22	0.5	0.03	0.78	0.312	0.250	1/8 Drive
FTR-1.125-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	1.50	0.22	0.5	0.03	0.78	0.312	0.250	1/8 Drive
FTR-1.25-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	1.56	0.22	0.6	0.03	0.84	0.375	0.250	1/8 Drive
FTR-1.375-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	1.69	0.22	0.6	0.03	0.84	0.375	0.250	1/8 Drive
FTR-1.50-2-R	1.500	1.00	0.500	1.38	1/2- 20	0.75	-	2.00	0.34	0.6	0.06	1.06	0.375	0.250	1/8 Drive
FTR-1.50-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	2.19	0.34	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
FTR-1.75-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	2.44	0.34	0.9	0.06	1.19	0.625	0.375	1/8-27 NPT
FTR-2.00-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	2.69	0.59	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
FTR-2.00-9-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	2.69	0.59*	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
FTR-2.25-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	2.94	0.59	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
FTR-2.50-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	3.19	0.59	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
FTR-2.50E-R	2.500	1.75	1.000	2.25	1 - 14	1.50	-	3.19	0.59	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
FTR-2.75-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	3.44	0.59	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
FTR-2.75E-R	2.750	1.75	1.000	2.25	1 - 14	1.50	-	3.44	0.59	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
FTR-3.00A-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	3.94	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF
FTR-3.00-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	3.94	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-3.25A-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.19	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF
FTR-3.25-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.19	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-3.50A-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.44	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF
FTR-3.50-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.44	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-4.00A-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF
FTR-4.00-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-4.50-R	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	5.44	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-4.75-R	4.750	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	5.75	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-5.00-R	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	5.94	0.72	3.0	0.06	3.00	-	-	1/4-28 UNF
FTR-6.00-R	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	6.94	0.72	3.5	0.06	3.00	-	-	1/4-28 UNF
FTR-7.00-R	7.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	7.94	0.72	3.5	0.06	3.00	-	-	1/4-28 UNF
FTR-8.00-R	8.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	8.94	0.72	3.5	0.06	3.00	-	-	1/4-28 UNF
FTR-10.00-R	10.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	10.94	0.72	3.5	0.06	3.00	-	-	1/4-28 UNF

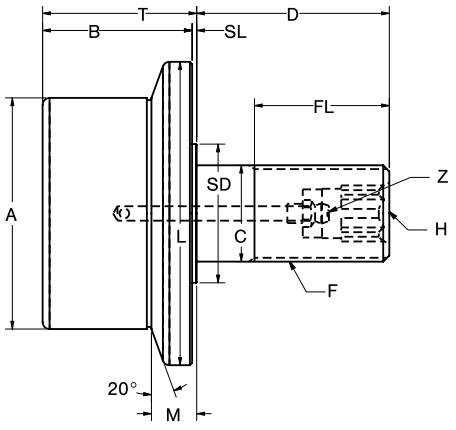
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option contain more economical seals and rolling elements



THROUGH 2.75" ROLLER DIA.



3.00" ROLLER DIA. AND LARGER



FTR-R – TRACK ROLLERS

Flanged – Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (In-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTR-1.00-R	860	430	220	110	24,000	380	470	180	NBR Lip	PREMIUM DGBB	0.20
FTR-1.125-R	860	430	220	110	24,000	380	470	180	NBR Lip	PREMIUM DGBB	0.24
FTR-1.25-R	1,430	750	360	190	19,000	710	470	180	NBR Lip	PREMIUM DGBB	0.32
FTR-1.375-R	1,430	750	360	190	19,000	710	470	180	NBR Lip	PREMIUM DGBB	0.37
FTR-1.50-2-R	1,860	1,080	670	140	17,000	740	470	350	NBR Lip	PREMIUM DGBB	0.66
FTR-1.50-R	2,660	1,400	670	350	15,000	1,210	550	350	NBR Lip	PREMIUM DGBB	0.66
FTR-1.75-R	2,660	1,400	670	350	15,000	1,210	550	650	NBR Lip	PREMIUM DGBB	0.97
FTR-2.00-R	3,630	2,140	1,820	1,070	12,000	2,830	900	650	NBR Lip	PREMIUM DGBB	1.76
FTR-2.00-9-R	3,630	2,140	1,820	1,070	12,000	2,830	900	650	NBR Lip	PREMIUM DGBB	1.76
FTR-2.25-R	3,630	2,140	1,820	1,070	12,000	2,830	900	650	NBR Lip	PREMIUM DGBB	2.18
FTR-2.50-R	5,390	3,510	2,700	1,760	8,500	6,280	1,340	650	NBR Lip	PREMIUM DGBB	2.70
FTR-2.50E-R	13,720	14,800	5,130	9,470	2,100	5,970	-	1,500	NBR Dual Lip	PREMIUM TRB	2.79
FTR-2.75-R	5,390	3,510	2,700	1,760	8,500	6,280	1,340	650	NBR Lip	PREMIUM DGBB	3.20
FTR-2.75E-R	13,720	14,800	5,130	9,470	2,100	7,910	-	1,500	NBR Dual Lip	PREMIUM TRB	3.29
FTR-3.00A-R	7,400	5,040	3,700	2,520	8,000	5,970	1,950	1,500	NBR Lip	PREMIUM DGBB	4.60
FTR-3.00-R	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	4.72
FTR-3.25A-R	7,400	5,040	3,700	2,520	8,000	10,800	1,950	1,500	NBR Lip	PREMIUM DGBB	5.34
FTR-3.25-R	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	5.54
FTR-3.50A-R	7,400	5,040	3,700	2,520	8,000	10,800	1,950	1,500	NBR Lip	PREMIUM DGBB	6.08
FTR-3.50-R	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
FTR-4.00A-R	7,400	5,040	3,700	2,520	8,000	10,800	1,950	1,500	NBR Lip	PREMIUM DGBB	7.92
FTR-4.00-R	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	8.22
FTR-4.50-R	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	10.16
FTR-4.75-R	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	11.22
FTR-5.00-R	38,060	58,400	14,350	37,660	1,550	30,800	-	1,500	NBR Dual Lip	PREMIUM TRB	20.22
FTR-6.00-R	37,990	56,200	15,320	38,740	1,250	60,150	-	1,500	NBR Dual Lip	PREMIUM TRB	30.72
FTR-7.00-R	37,990	56,200	15,320	38,740	1,250	60,150	-	1,500	NBR Dual Lip	PREMIUM TRB	38.01
FTR-8.00-R	37,990	56,200	15,320	38,740	1,250	60,150	-	1,500	NBR Dual Lip	PREMIUM TRB	49.33
FTR-10.00-R	37,990	56,200	15,320	38,740	1,250	60,150	-	1,500	NBR Dual Lip	PREMIUM TRB	72.86





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

FTRE – TRACK ROLLERS

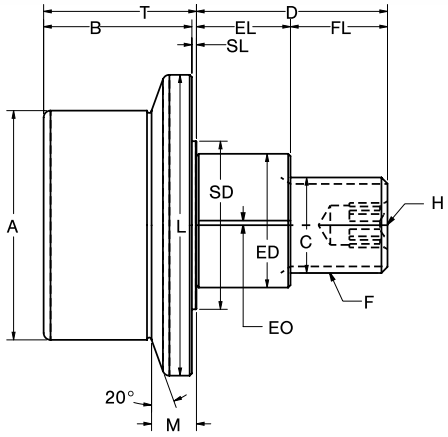
Flanged – Stud Eccentric
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
FTRE-1.00	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.38	0.22	0.7	0.03	0.78
FTRE-1.00-CSO	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.38	0.22	0.7	0.03	0.78
FTRE-1.125	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.50	0.22	0.7	0.03	0.78
FTRE-1.125-CSO	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.50	0.22	0.7	0.03	0.78
FTRE-1.25	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.56	0.22	0.8	0.03	0.84
FTRE-1.25-CSO	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.56	0.22	0.8	0.03	0.84
FTRE-1.375	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.69	0.22	0.8	0.03	0.84
FTRE-1.375-CSO	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.69	0.22	0.8	0.03	0.84
FTRE-1.50-2	1.500	1.00	0.500	1.38	0.687	0.61	0.03	1/2- 20	0.75	1/4	2.00	0.34	0.8	0.06	1.06
FTRE-1.50	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.19	0.34	1.1	0.06	1.19
FTRE-1.50-CSO	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.19	0.34	1.1	0.06	1.19
FTRE-1.75	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	2.44	0.34	1.3	0.06	1.19
FTRE-1.75-CSO	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	2.44	0.34	1.3	0.06	1.19
FTRE-2.00	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59	1.5	0.06	1.69
FTRE-2.00-CSO	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59	1.5	0.06	1.69
FTRE-2.00-9	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59*	1.5	0.06	1.69
FTRE-2.25	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.59	1.5	0.06	1.69
FTRE-2.25-CSO	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.59	1.5	0.06	1.69
FTRE-2.50	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.19	0.59	1.7	0.06	1.69
FTRE-2.50-CSO	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.19	0.59	1.7	0.06	1.69
FTRE-2.50E	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	3.19	0.59	1.7	0.06	1.81
FTRE-2.50E-CSO	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	3.19	0.59	1.7	0.06	1.81
FTRE-2.75	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.44	0.59	1.7	0.06	1.69
FTRE-2.75-CSO	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.44	0.59	1.7	0.06	1.69
FTRE-2.75E	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	3.44	0.59	1.7	0.06	1.81
FTRE-2.75E-CSO	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	3.44	0.59	1.7	0.06	1.81
FTRE-3.00A	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00
FTRE-3.00	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00
FTRE-3.00-CSO	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00
FTRE-3.25A	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00
FTRE-3.25	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00
FTRE-3.25-CSO	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00
FTRE-3.50A	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00
FTRE-3.50	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00
FTRE-3.50-CSO	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00
FTRE-4.00A	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00
FTRE-4.00	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00
FTRE-4.00-CSO	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00
FTRE-4.50	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.44	0.59	2.2	0.06	2.00
FTRE-4.75	4.750	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.75	0.59	2.2	0.06	2.00
FTRE-5.00	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	5.94	0.72	3.3	0.06	3.00
FTRE-5.00-CSO	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	5.94	0.72	3.3	0.06	3.00
FTRE-6.00	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	6.94	0.72	3.6	0.06	3.00
FTRE-6.00-CSO	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	6.94	0.72	3.6	0.06	3.00







PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option
**FTR-2.00-9 has a 90° Square Flange in place of the standard 20° Flange*

Solutions Through Innovation

FTRE – TRACK ROLLERS

Flanged – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRE-1.00	860	430	220	110	24,000	380	470	250	NBR Lip	PREMIUM DGBB	0.22
FTRE-1.00-CSO	860	430	220	60	24,000	380	470	250	NBR Lip	DGBB	0.22
FTRE-1.125	860	430	220	110	24,000	380	470	250	NBR Lip	PREMIUM DGBB	0.27
FTRE-1.125-CSO	860	430	220	60	24,000	380	470	250	NBR Lip	DGBB	0.27
FTRE-1.25	1,430	750	360	190	19,000	710	470	250	NBR Lip	PREMIUM DGBB	0.34
FTRE-1.25-CSO	1,230	640	360	80	19,000	710	470	250	NBR Lip	DGBB	0.34
FTRE-1.375	1,430	750	360	190	19,000	710	470	250	NBR Lip	PREMIUM DGBB	0.41
FTRE-1.375-CSO	1,230	630	360	80	19,000	710	470	250	NBR Lip	DGBB	0.41
FTRE-1.50-2	1,860	1,080	670	140	17,000	740	470	650	NBR Lip	PREMIUM DGBB	0.59
FTRE-1.50	2,660	1,400	670	350	15,000	1,210	550	650	NBR Lip	PREMIUM DGBB	0.76
FTRE-1.50-CSO	2,660	1,400	670	350	15,000	1,210	550	650	NBR Lip	DGBB	0.76
FTRE-1.75	2,660	1,400	670	350	15,000	1,210	550	650	NBR Lip	PREMIUM DGBB	1.08
FTRE-1.75-CSO	2,660	1,400	670	350	15,000	1,210	550	650	NBR Lip	DGBB	1.08
FTRE-2.00	3,630	2,140	1,820	1,070	12,000	2,830	900	650	NBR Lip	PREMIUM DGBB	1.96
FTRE-2.00-CSO	3,630	2,140	1,570	540	12,000	2,830	900	650	NBR Lip	DGBB	1.96
FTRE-2.00-9	3,630	2,140	1,820	1,070	12,000	2,830	900	650	NBR Lip	PREMIUM DGBB	2.00
FTRE-2.25	3,630	2,140	1,820	1,070	12,000	2,830	900	650	NBR Lip	PREMIUM DGBB	2.37
FTRE-2.25-CSO	3,630	2,140	1,570	540	12,000	2,830	900	650	NBR Lip	DGBB	2.37
FTRE-2.50	5,390	3,510	2,700	1,760	8,500	7,020	1,340	650	NBR Lip	PREMIUM DGBB	2.87
FTRE-2.50-CSO	5,390	3,510	2,410	880	8,500	7,020	1,340	650	NBR Lip	DGBB	2.87
FTRE-2.50E	13,720	14,800	5,130	9,470	2,100	5,970	-	1,500	NBR Dual Lip	PREMIUM TRB	3.06
FTRE-2.50E-CSO	10,880	14,800	4,010	9,470	2,100	5,970	-	1,500	NBR Dual Lip	TRB	3.06
FTRE-2.75	5,390	3,510	2,700	1,760	8,500	7,020	1,340	650	NBR Lip	PREMIUM DGBB	3.38
FTRE-2.75-CSO	5,390	3,510	2,410	880	8,500	7,020	1,340	650	NBR Lip	DGBB	3.38
FTRE-2.75E	13,720	14,800	5,130	9,470	2,100	5,970	-	1,500	NBR Dual Lip	PREMIUM TRB	3.47
FTRE-2.75E-CSO	10,880	14,800	4,010	9,470	2,100	5,970	-	1,500	NBR Dual Lip	TRB	3.47
FTRE-3.00A	7,400	5,040	3,700	2,520	8,000	12,750	1,950	1,500	NBR Lip	PREMIUM DGBB	5.15
FTRE-3.00	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	5.19
FTRE-3.00-CSO	14,300	20,000	5,790	14,120	2,490	10,800	-	1,500	NBR Dual Lip	TRB	5.19
FTRE-3.25A	7,400	5,040	3,700	2,520	8,000	12,750	1,950	1,500	NBR Lip	PREMIUM DGBB	5.85
FTRE-3.25	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	5.90
FTRE-3.25-CSO	14,300	20,000	5,790	14,120	2,490	10,800	-	1,500	NBR Dual Lip	TRB	5.90
FTRE-3.50A	7,400	5,040	3,700	2,520	8,000	12,750	1,950	1,500	NBR Lip	PREMIUM DGBB	6.87
FTRE-3.50	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	6.85
FTRE-3.50-CSO	14,300	20,000	5,790	14,120	2,490	10,800	-	1,500	NBR Dual Lip	TRB	6.85
FTRE-4.00A	7,400	5,040	3,700	2,520	8,000	12,750	1,950	1,500	NBR Lip	PREMIUM DGBB	8.48
FTRE-4.00	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	8.82
FTRE-4.00-CSO	14,300	20,000	5,790	14,120	2,490	10,800	-	1,500	NBR Dual Lip	TRB	8.82
FTRE-4.50	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	10.52
FTRE-4.75	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	11.47
FTRE-5.00	38,060	58,400	14,350	37,660	1,550	30,880	-	1,500	NBR Dual Lip	PREMIUM TRB	21.62
FTRE-5.00-CSO	35,870	58,400	13,310	37,660	1,550	30,880	-	1,500	NBR Dual Lip	TRB	21.62
FTRE-6.00	37,990	56,200	15,320	38,740	1,250	60,150	-	1,500	NBR Dual Lip	PREMIUM TRB	32.75
FTRE-6.00-CSO	35,830	56,200	14,150	38,740	1,250	60,150	-	1,500	NBR Dual Lip	TRB	32.75



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

MFTRE – TRACK ROLLERS

Metric – Flanged – Stud Eccentric Ball & Tapered Roller Bearings

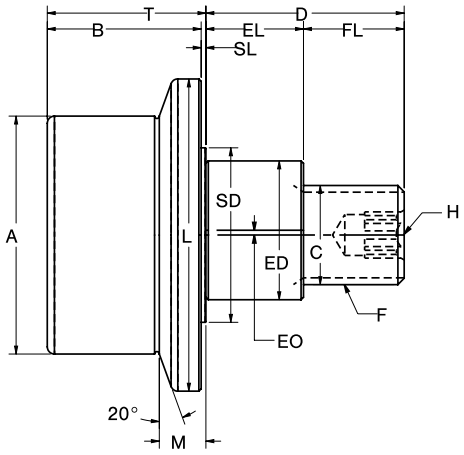
∞ Infinity Roller™ Technology

METRIC MEASURE (mm)															
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.00 -.03	Width	Dia.	Len.	Dia. +.00 -.05	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
MFTRE-26	26	19.2	10	23	13	10	0.5	M10 X 1	13	4	35	5	17	0.8	20
MFTRE-30	30	19.2	12	25	15	11	0.5	M12 X 1.5	14	4	40	5	18	0.8	20
MFTRE-32	32	21.2	12	25	15	11	0.5	M12 X 1.5	14	4	42	5	18	0.8	22
MFTRE-35	35	21.2	16	32.5	20	14.5	1	M16 X 1.5	18	8	46	5	24	0.8	22
MFTRE-40	40	28.4	14	40	22	13	1	M14 X 2	26	6	54	8	29	1.6	30
MFTRE-40-1	40	26	18	36.5	22	16.0	1	M18 X 1.5	19	8	54	8	29	1.6	27.6
MFTRE-47	47	26	20	40.5	24	18.0	1	M20 X 1.5	21	8	61	14	32	1.6	27.6
MFTRE-50	50	38.4	16	50	24	18	1	M16 X 2	35	8	68	11	32	1.6	40
MFTRE-52	52	32	20	40.5	24	18.0	1	M20 X 1.5	21	8	66	14	32	1.6	33.6
MFTRE-62	62	42.4	24	58	28	20	1.5	M24 X 3	35	8	78	14	43	1.6	44
MFTRE-62-1	62	42	24	49.5	28	22.0	1	M24 X 1.5	25	8	78	14	43	1.6	44
MFTRE-72	72	42.4	20	50	28	22	1	M20 X 1.5	25	8	90	14	38	1.6	44
MFTRE-76	76	50	24	69.5	35	29	1.5	M24 X 1.5	40	12	98	14	50	1.6	52
MFTRE-80	80	50.4	24	70	35	29	2	M24 X 1.5	40	12	102	14	50	1.6	52
MFTRE-85	85	50	24	69.5	35	29	1.5	M24 X 1.5	40	12	107	14	50	1.6	52
MFTRE-90	90	50.4	24	70	35	29	2	M24 X 1.5	40	12	112	14	50	1.6	52
MFTRE-100-1	100	50	24	69.5	35	29	1.5	M24 X 1.5	40	12	125	14	50	1.6	52
MFTRE-100	100	50.4	24	80	35	29	2	M24 X 1.5	50	12	125	14	50	1.6	52
MFTRE-125	125	74	48	105	64	50	2	M48 X 5	60	12	148	18	89	1.6	76
MFTRE-150	150	74.4	64	140	80	65	2	M64 X 6	82	12	173	18	89	1.6	76

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option







MFTRE – TRACK ROLLERS

Metric – Flanged – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (N) C	Basic Radial Static Load Rating (N) C_o	Thrust Dynamic Load Rating (N)	Thrust Static Load Rating (N)	Max Speed Rating (rpm)	Stud Capacity (N)	Retaining Ring Capacity (N)	Max. Clamping Torque (Nm)*	Seal Type	Bearing Type	Approx. Roller Weight (kg)
MFTRE-26	3,790	1,910	950	480	24,000	1,780	2,090	20	NBR Lip	PREMIUM DGBB	0.1
MFTRE-30	3,790	1,910	950	480	24,000	2,600	2,090	20	NBR Lip	PREMIUM DGBB	0.1
MFTRE-32	6,330	3,320	1,580	830	19,000	3,300	2,090	20	NBR Lip	PREMIUM DGBB	0.2
MFTRE-35	6,330	3,320	1,580	830	19,000	3,300	2,090	20	NBR Lip	PREMIUM DGBB	0.2
MFTRE-40	11,800	6,210	2,950	1,550	15,000	5,420	2,440	20	NBR Lip	PREMIUM DGBB	0.3
MFTRE-40-1	11,800	6,210	2,950	1,550	15,000	5,560	2,440	20	NBR Lip	PREMIUM DGBB	0.2
MFTRE-47	11,800	6,210	2,950	1,550	15,000	5,560	2,440	20	NBR Lip	PREMIUM DGBB	0.5
MFTRE-50	16,130	9,510	8,070	4,760	12,000	11,750	4,000	68	NBR Lip	PREMIUM DGBB	0.7
MFTRE-52	16,130	9,510	8,070	4,760	12,000	12,400	4,000	68	NBR Lip	PREMIUM DGBB	0.8
MFTRE-62	23,980	15,610	11,990	7,810	8,500	31,880	5,960	68	NBR Lip	PREMIUM DGBB	1.2
MFTRE-62-1	23,980	15,610	11,990	7,810	8,500	31,880	5,960	68	NBR Lip	PREMIUM DGBB	1.2
MFTRE-72	58,630	65,840	22,820	42,100	2,100	13,610	-	68	NBR Dual Lip	PREMIUM TRB	1.3
MFTRE-76	79,810	88,970	32,950	62,800	2,490	20,670	-	136	NBR Dual Lip	PREMIUM TRB	2.2
MFTRE-80	79,810	88,970	32,950	62,800	2,490	20,670	-	136	NBR Dual Lip	PREMIUM TRB	2.4
MFTRE-85	79,810	88,970	32,950	62,800	2,490	20,670	-	136	NBR Dual Lip	PREMIUM TRB	2.8
MFTRE-90	79,810	88,970	32,950	62,800	2,490	20,670	-	136	NBR Dual Lip	PREMIUM TRB	3.0
MFTRE-100-1	79,810	88,970	32,950	62,800	2,490	20,670	-	136	NBR Dual Lip	PREMIUM TRB	3.7
MFTRE-100	79,810	88,970	32,950	62,800	2,490	20,670	-	136	NBR Dual Lip	PREMIUM TRB	3.5
MFTRE-125	169,290	259,780	63,830	167,480	1,550	116,080	-	136	NBR Dual Lip	PREMIUM TRB	8.9
MFTRE-150	168,990	250,000	68,120	172,310	1,250	274,280	-	136	NBR Dual Lip	PREMIUM TRB	13.1





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

FTRE-R – TRACK ROLLERS

Flanged – Stud Eccentric

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

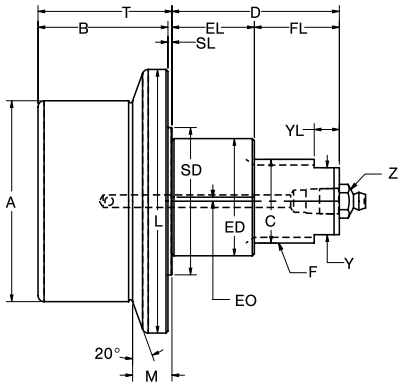
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
FTRE-1.00-R	1.000	0.75	0.437	1.00	0.625	0.480	0.030	7/16 - 20	0.52	-	1.38	0.22	0.7	0.03	0.78	0.312	0.250	1/8 Drive
FTRE-1.125-R	1.125	0.75	0.437	1.00	0.625	0.480	0.030	7/16 - 20	0.52	-	1.50	0.22	0.7	0.03	0.78	0.312	0.250	1/8 Drive
FTRE-1.25-R	1.250	0.81	0.500	1.25	0.687	0.605	0.030	1/2- 20	0.65	-	1.56	0.22	0.8	0.03	0.84	0.375	0.250	1/8 Drive
FTRE-1.375-R	1.375	0.81	0.500	1.25	0.687	0.605	0.030	1/2- 20	0.65	-	1.69	0.22	0.8	0.03	0.84	0.375	0.250	1/8 Drive
FTRE-1.50-2-R	1.500	1.00	0.500	1.38	0.687	0.605	0.030	1/2- 20	0.75	-	2.00	0.34	0.8	0.06	1.06	0.375	0.250	1/8 Drive
FTRE-1.50-R	1.500	1.13	0.625	1.50	0.875	0.730	0.030	5/8 - 18	0.77	-	2.19	0.34	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF
FTRE-1.75-R	1.750	1.13	0.750	1.75	1.000	0.855	0.030	3/4 - 16	0.90	-	2.44	0.34	1.3	0.06	1.19	0.625	0.375	1/8-27 NPT
FTRE-2.00-R	2.000	1.63	0.875	2.00	1.187	0.980	0.030	7/8 - 14	1.02	-	2.69	0.59	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
FTRE-2.00-9-R	2.000	1.63	0.875	2.00	1.187	0.980	0.030	7/8 - 14	1.02	-	2.69	0.59*	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
FTRE-2.25-R	2.250	1.63	0.875	2.00	1.187	0.980	0.030	7/8 - 14	1.02	-	2.94	0.59	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
FTRE-2.50-R	2.500	1.63	1.000	2.25	1.375	1.105	0.030	1 - 14	1.15	-	3.19	0.59	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
FTRE-2.50E-R	2.500	1.75	1.000	2.25	1.375	1.105	0.030	1 - 14	1.15	-	3.19	0.59	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
FTRE-2.75-R	2.750	1.63	1.000	2.25	1.375	1.105	0.030	1 - 14	1.15	-	3.44	0.59	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
FTRE-2.75E-R	2.750	1.75	1.000	2.25	1.375	1.105	0.030	1 - 14	1.15	-	3.44	0.59	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
FTRE-3.00A-R	3.000	1.94	1.250	2.50	1.750	1.230	0.060	1 1/4 - 12	1.27	5/8	3.94	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.00-R	3.000	1.94	1.250	2.50	1.750	1.230	0.060	1 1/4 - 12	1.27	5/8	3.94	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.25A-R	3.250	1.94	1.250	2.50	1.750	1.230	0.060	1 1/4 - 12	1.27	5/8	4.19	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.25-R	3.250	1.94	1.250	2.50	1.750	1.230	0.060	1 1/4 - 12	1.27	5/8	4.19	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.50A-R	3.500	1.94	1.250	2.75	1.812	1.355	0.060	1 1/4 - 12	1.40	5/8	4.44	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.50-R	3.500	1.94	1.250	2.75	1.812	1.355	0.060	1 1/4 - 12	1.40	5/8	4.44	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-4.00A-R	4.000	1.94	1.250	2.75	1.812	1.355	0.060	1 1/4 - 12	1.40	5/8	4.94	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-4.00-R	4.000	1.94	1.250	2.75	1.812	1.355	0.060	1 1/4 - 12	1.40	5/8	4.94	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-4.50-R	4.500	1.94	1.250	2.75	1.812	1.355	0.060	1 1/4 - 12	1.40	5/8	5.44	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-4.75-R	4.750	1.94	1.250	2.75	1.812	1.355	0.060	1 1/4 - 12	1.40	5/8	5.75	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-5.00-R	5.000	2.94	2.000	4.50	2.625	2.125	0.060	2 - 12	2.38	5/8	5.94	0.72	3.3	0.06	3.00	-	-	1/4-28 UNF
FTRE-6.00-R	6.000	2.94	2.500	5.50	3.125	2.875	0.060	2 1/2 - 12	2.63	5/8	6.94	0.72	3.6	0.06	3.00	-	-	1/4-28 UNF

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option
**FTR-2.00-9 has a 90° Square Flange in place of the standard 20° Flange*

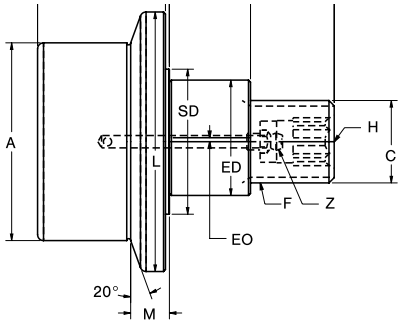




THROUGH 2.75" ROLLER DIA.



3.00" ROLLER DIA. AND LARGER



FTRE-R – TRACK ROLLERS

Flanged – Stud Eccentric

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRE-1.00-R	860	430	220	110	24,000	380	470	250	NBR Lip	PREMIUM DGBB	0.22
FTRE-1.125-R	860	430	220	110	24,000	380	470	250	NBR Lip	PREMIUM DGBB	0.27
FTRE-1.25-R	1,430	750	360	190	19,000	710	470	250	NBR Lip	PREMIUM DGBB	0.34
FTRE-1.375-R	1,430	750	360	190	19,000	710	470	250	NBR Lip	PREMIUM DGBB	0.41
FTRE-1.50-2-R	1,970	1,030	500	260	17,000	740	470	650	NBR Lip	PREMIUM DGBB	0.59
FTRE-1.50-R	2,660	1,400	670	350	15,000	1,210	550	650	NBR Lip	PREMIUM DGBB	0.76
FTRE-1.75-R	2,660	1,400	670	350	15,000	1,210	550	650	NBR Lip	PREMIUM DGBB	1.08
FTRE-2.00-R	3,630	2,140	1,820	1,070	12,000	2,830	900	650	NBR Lip	PREMIUM DGBB	1.96
FTRE-2.00-9-R	3,630	2,140	1,820	1,070	12,000	2,830	900	650	NBR Lip	PREMIUM DGBB	2.00
FTRE-2.25-R	3,630	2,140	1,820	1,070	12,000	2,830	900	650	NBR Lip	PREMIUM DGBB	2.37
FTRE-2.50-R	5,390	3,510	2,700	1,760	8,500	7,020	1,340	650	NBR Lip	PREMIUM DGBB	2.87
FTRE-2.50E-R	13,720	14,800	5,130	9,470	2,100	5,970	-	1,500	NBR Dual Lip	PREMIUM TRB	3.06
FTRE-2.75-R	5,390	3,510	2,700	1,760	8,500	7,020	1,340	650	NBR Lip	PREMIUM DGBB	3.38
FTRE-2.75E-R	13,720	14,800	5,130	9,470	2,100	5,970	-	1,500	NBR Dual Lip	PREMIUM TRB	3.47
FTRE-3.00A-R	7,400	5,040	3,700	2,520	8,000	12,750	1,950	1,500	NBR Lip	PREMIUM DGBB	5.15
FTRE-3.00-R	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	5.19
FTRE-3.25A-R	7,400	5,040	3,700	2,520	8,000	12,750	1,950	1,500	NBR Lip	PREMIUM DGBB	5.85
FTRE-3.25-R	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	5.90
FTRE-3.50A-R	7,400	5,040	3,700	2,520	8,000	12,750	1,950	1,500	NBR Lip	PREMIUM DGBB	6.81
FTRE-3.50-R	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	6.87
FTRE-4.00A-R	7,400	5,040	3,700	2,520	8,000	12,750	1,950	1,500	NBR Lip	PREMIUM DGBB	8.48
FTRE-4.00-R	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	8.82
FTRE-4.50-R	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	10.52
FTRE-4.75-R	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	11.47
FTRE-5.00-R	38,060	58,400	14,350	37,660	1,550	30,880	-	1,500	NBR Dual Lip	PREMIUM TRB	21.62
FTRE-6.00-R	37,990	56,200	15,320	38,740	1,250	60,150	-	1,500	NBR Dual Lip	PREMIUM TRB	32.75





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

TRACK ROLLERS

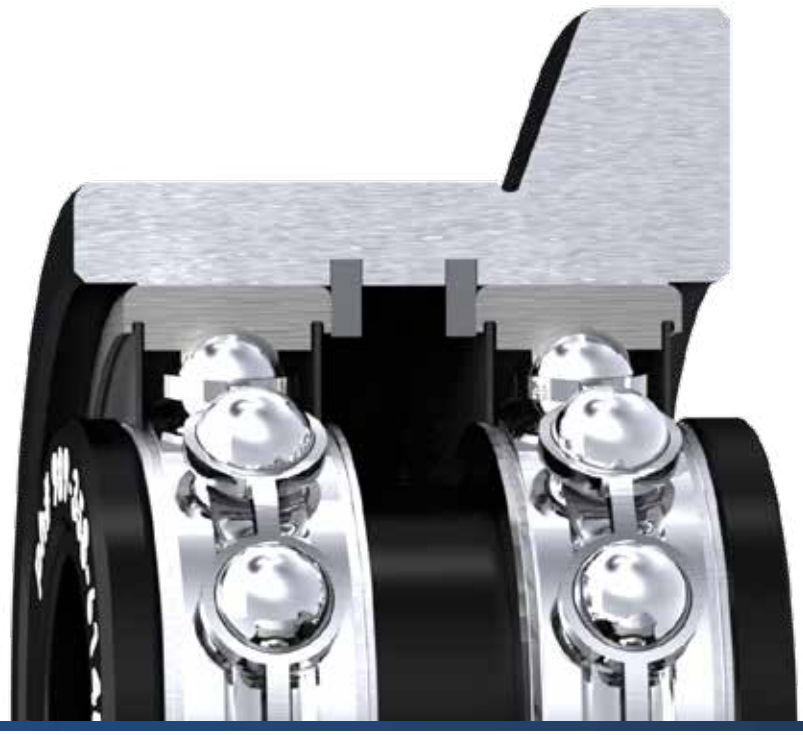
FTRY – Flanged – Yoke Type Ball Bearings

∞| *Infinity Roller™ Technology*

FLANGED BODY PROFILE
features a shoulder to locate while effectively carrying radial loads and used on flat tracks.

SELF-CONTAINED SINGLE DIRECTION
guidance is provided where axial (thrust) loads are expected.

ANGLED FLANGE REDUCES FRICTION
and rollers are mounted in pairs with the flanges opposing.



FEATURING SKF



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

EASY INSTALLATION slip fit bore is designed for use with positive end clamping force without thrust loading the ball bearings.

Solutions Through Innovation

TRACK ROLLERS

FTRY – Flanged – Yoke Type Track Roller Bearings

∞ | *Infinity Roller™ Technology*

FLANGED BODY PROFILE
features a shoulder to locate while effectively carrying radial loads and used on flat tracks.

SELF-CONTAINED SINGLE DIRECTION
guidance is provided where axial (thrust) loads are expected.

ANGLED FLANGE REDUCES FRICTION
and rollers are mounted in pairs with the flanges opposing.



FEATURING TIMKEN



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER DUAL LIP SEALS aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

TIMKEN TAPERED ROLLER BEARINGS
precision matched sets ensure maximum thrust load paired with moderate radial load capacity.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

EASY INSTALLATION slip fit bore is designed for use with positive end clamping force without thrust loading the ball bearings.

FTRY – TRACK ROLLERS

Flanged – Yoke

Ball & Tapered Roller Bearings

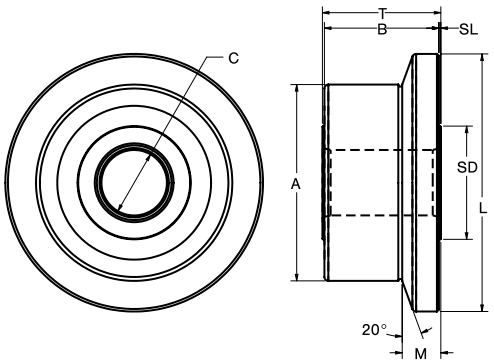
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	FLANGE		SHOULDER		Inner Race Width +.005 -.010	Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width		Dia.	Width	Dia.	Len.			
FTRY-1.00	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688	YSH-.312	YSHE-.312
FTRY-1.125	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688	YSH-.312	YSHE-.312
FTRY-1.25	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813	YSH-.375	YSHE-.375
FTRY-1.375	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813	YSH-.375	YSHE-.375
FTRY-1.50	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	YSH-.437	YSHE-.437
FTRY-1.50-CSO	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	YSH-.437	YSHE-.437
FTRY-1.75	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	YSH-.500	YSHE-.500
FTRY-1.75-CSO	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	YSH-.500	YSHE-.500
FTRY-2.00	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	YSH-.625	YSHE-.625
FTRY-2.00-CSO	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	YSH-.625	YSHE-.625
FTRY-2.25	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	YSH-.625	YSHE-.625
FTRY-2.25-CSO	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	YSH-.625	YSHE-.625
FTRY-2.50	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	YSH-.750	YSHE-.750
FTRY-2.50-CSO	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	YSH-.750	YSHE-.750
FTRY-2.50E	2.500	1.50	0.7505	3.19	0.50	1.3	0.03	1.563	YSH-.750	YSHE-.750
FTRY-2.50E-CSO	2.500	1.50	0.7505	3.19	0.50	1.3	0.03	1.563	YSH-.750	YSHE-.750
FTRY-2.75	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	YSH-.750	YSHE-.750
FTRY-2.75-CSO	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	YSH-.750	YSHE-.750
FTRY-2.75E	2.750	1.50	0.7505	3.44	0.50	1.3	0.03	1.563	YSH-.750	YSHE-.750
FTRY-2.75E-CSO	2.750	1.50	0.7505	3.44	0.50	1.3	0.03	1.563	YSH-.750	YSHE-.750
FTRY-3.00A	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
FTRY-3.00	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
FTRY-3.00-CSO	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
FTRY-3.25A	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
FTRY-3.25	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
FTRY-3.25-CSO	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
FTRY-3.50A	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
FTRY-3.50	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
FTRY-3.50-CSO	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
FTRY-4.00A	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	YSH-1.250	YSHE-1.250
FTRY-4.00	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	YSH-1.250	YSHE-1.250
FTRY-4.00-CSO	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	YSH-1.250	YSHE-1.250
FTRY-5.00	5.000	2.75	1.7508	5.94	0.72	3.2	0.06	2.875	YSH-1.750	YSHE-1.750
FTRY-5.00-CSO	5.000	2.75	1.7508	5.94	0.72	3.2	0.06	2.875	YSH-1.750	YSHE-1.750
FTRY-6.00	6.000	3.25	2.2508	6.94	0.72	3.5	0.06	3.375	YSH-2.250	YSHE-2.250
FTRY-6.00-CSO	6.000	3.25	2.2508	6.94	0.72	3.5	0.06	3.375	YSH-2.250	YSHE-2.250
FTRY-7.00	7.000	3.75	2.7508	7.94	0.72	4.1	0.06	3.875	YSH-2.750	YSHE-2.750
FTRY-7.00-CSO	7.000	3.75	2.7508	7.94	0.72	4.1	0.06	3.875	YSH-2.750	YSHE-2.750
FTRY-8.00	8.000	4.25	3.2560	8.94	0.72	4.7	0.13	4.500	YSH-3.250	-
FTRY-8.00-CSO	8.000	4.25	3.2560	8.94	0.72	4.7	0.13	4.500	YSH-3.250	-
FTRY-9.00	9.000	4.750	3.756	9.937	0.720	5.300	0.130	5.000	YSH-3.750	-
FTRY-9.00-CSO	9.000	4.750	3.756	9.940	0.720	5.300	0.130	5.000	YSH-3.750	-
FTRY-10.00	10.000	5.250	4.256	10.937	0.720	6.500	0.130	5.500	YSH-4.250	-
FTRY-10.00-CSO	10.000	5.250	4.256	10.940	0.720	6.500	0.130	5.500	YSH-4.250	-
FTRY-12.00	12.000	5.25	4.2560	12.94	0.72	6.5	0.13	5.500	YSH-4.250	-
FTRY-14.00	14.000	5.25	4.2560	14.94	0.72	6.5	0.13	5.500	YSH-4.250	-
FTRY-16.00	16.000	5.25	4.2560	16.94	0.72	6.5	0.13	5.500	YSH-4.250	-
FTRY-18.00	18.000	5.25	4.2560	18.94	0.72	6.5	0.13	5.500	YSH-4.250	-
FTRY-20.00	20.000	5.25	4.2560	20.94	0.72	6.5	0.13	5.500	YSH-4.250	-

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option







FTRY – TRACK ROLLERS

Flanged – Yoke

Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRY-1.00	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.12
FTRY-1.125	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.15
FTRY-1.25	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.20
FTRY-1.375	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.25
FTRY-1.50	1,690	1,150	430	290	14,000	NBR Lip	PREMIUM DGBB	0.37
FTRY-1.50-CSO	1,690	1,150	430	290	14,000	NBR Lip	DGBB	0.37
FTRY-1.75	1,690	1,150	430	290	14,000	NBR Lip	PREMIUM DGBB	0.59
FTRY-1.75-CSO	1,690	1,150	430	290	14,000	NBR Lip	DGBB	0.59
FTRY-2.00	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.07
FTRY-2.00-CSO	3,630	2,250	1,600	570	11,000	NBR Lip	DGBB	1.07
FTRY-2.25	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.40
FTRY-2.25-CSO	3,630	2,250	1,600	570	11,000	NBR Lip	DGBB	1.40
FTRY-2.50	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	1.84
FTRY-2.50-CSO	5,390	3,510	2,410	880	8,500	NBR Lip	DGBB	1.84
FTRY-2.50E	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.92
FTRY-2.50E-CSO	10,880	14,800	4,010	9,470	2,100	NBR Dual Lip	TRB	1.92
FTRY-2.75	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	2.37
FTRY-2.75-CSO	5,390	3,510	2,410	880	8,500	NBR Lip	DGBB	2.37
FTRY-2.75E	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.39
FTRY-2.75E-CSO	10,880	14,800	4,010	9,470	2,100	NBR Dual Lip	TRB	2.39
FTRY-3.00A	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	3.16
FTRY-3.00	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.38
FTRY-3.00-CSO	14,300	20,000	5,790	14,120	2,490	NBR Dual Lip	TRB	3.38
FTRY-3.25A	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	3.83
FTRY-3.25	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.03
FTRY-3.25-CSO	14,300	20,000	5,790	14,120	2,490	NBR Dual Lip	TRB	4.03
FTRY-3.50A	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	4.80
FTRY-3.50	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	5.16
FTRY-3.50-CSO	17,600	27,200	5,750	15,480	2,140	NBR Dual Lip	TRB	5.16
FTRY-4.00A	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	7.05
FTRY-4.00	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	7.72
FTRY-4.00-CSO	17,600	27,200	5,750	15,480	2,140	NBR Dual Lip	TRB	7.72
FTRY-5.00	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	13.57
FTRY-5.00-CSO	35,870	58,400	13,310	37,660	1,550	NBR Dual Lip	TRB	13.57
FTRY-6.00	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	21.49
FTRY-6.00-CSO	35,830	56,200	14,150	38,740	1,250	NBR Dual Lip	TRB	21.49
FTRY-7.00	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	32.03
FTRY-7.00-CSO	42,400	79,800	17,400	56,790	1,020	NBR Lip	TRB	32.03
FTRY-8.00	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	46.65
FTRY-8.00-CSO	83,700	159,800	39,000	129,030	850	NBR Lip	TRB	46.65
FTRY-9.00	142,470	167,000	53,600	115,980	760	NBR Lip	PREMIUM TRB	64.76
FTRY-9.00-CSO	134,600	167,000	53,600	115,980	760	NBR Lip	TRB	64.76
FTRY-10.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	86.44
FTRY-10.00-CSO	137,300	266,000	62,000	209,180	650	NBR Lip	TRB	86.44
FTRY-12.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	137.78
FTRY-14.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	197.83
FTRY-16.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	267.06
FTRY-18.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	345.47
FTRY-20.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	433.06



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

MFTRY – TRACK ROLLERS

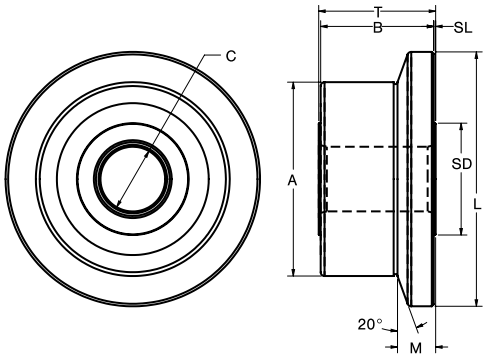
Metric Flanged – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

Metric Measure (mm)									OPTIONAL PCI YOKE SHAFT	
YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	Concentric Shaft	Eccentric Shaft
	ROLLER		Bore Dia. +.02 -.00	FLANGE		SHOULDER		Inner Race Width +.13 -.25		
	Dia. +.00 -.03	Width		Dia.	Width	Dia.	Len.			
MFTRY-40	40	22	10	54	6	22	0.5	23	MYSH-10	MYSHE-10
MFTRY-50	50	32	15	68	10	28	0.5	33	MYSH-15	MYSHE-15
MFTRY-62	62	38	19	78	14	35	1	40	MYSH-19	MYSHE-19
MFTRY-62-1	62	38	20	78	14	35	1	40	MYSH-20	MYSHE-20
MFTRY-62E	62	38	20	78	14	32	1	40	MYSH-20	MYSHE-20
MFTRY-72	72	38	19	90	14	35	1	40	MYSH-19	MYSHE-19
MFTRY-76	76	44	25	98	14	45	1	46	MYSH-25	MYSHE-25
MFTRY-80	80	44	25	102	14	45	1	46	MYSH-25	MYSHE-25
MFTRY-85	85	44	25	107	14	45	1	46	MYSH-25	MYSHE-25
MFTRY-90	90	54	30	112	14	57	1	56	MYSH-30	MYSHE-30
MFTRY-100	100	54	30	122	14	57	1	56	MYSH-30	MYSHE-30
MFTRY-125	125	68	45	148	18	83	1.5	71	MYSH-45	MYSHE-45
MFTRY-150	150	70	55	173	18	89	1.5	73	MYSH-55	MYSHE-55
MFTRY-200	200	76	70	223	18	108	1.5	79	MYSH-70	MYSHE-70
MFTRY-250	250	76	70	273	18	108	1.5	79	MYSH-70	MYSHE-70

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option





MFTRY – TRACK ROLLERS

Metric Flanged – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (N) C	Basic Radial Static Load Rating (N) Co	Thrust Dynamic Load Rating (N)	Thrust Static Load Rating (N)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (kg)
MFTRY-40	7,490	5,100	3,750	2,550	14,000	NBR Lip	PREMIUM DGBB	0.19
MFTRY-50	16,130	10,000	8,070	5,000	11,000	NBR Lip	PREMIUM DGBB	0.45
MFTRY-62	19,280	13,100	9,640	6,550	9,500	NBR Lip	PREMIUM DGBB	0.81
MFTRY-62-1	19,280	13,100	9,640	6,550	9,500	NBR Lip	PREMIUM DGBB	0.80
MFTRY-62E	58,630	65,840	39,020	42,100	2,100	NBR Dual Lip	PREMIUM TRB	1.62
MFTRY-72	23,980	15,610	11,990	7,810	8,500	NBR Lip	PREMIUM DGBB	1.14
MFTRY-76	79,810	88,970	32,950	62,800	2,490	NBR Dual Lip	PREMIUM TRB	1.42
MFTRY-80	79,810	88,970	32,950	62,800	2,490	NBR Dual Lip	PREMIUM TRB	1.59
MFTRY-85	79,810	88,970	32,950	62,800	2,490	NBR Dual Lip	PREMIUM TRB	1.82
MFTRY-90	83,030	121,000	27,630	68,840	2,140	NBR Dual Lip	PREMIUM TRB	2.35
MFTRY-100	83,030	121,000	27,630	68,840	2,140	NBR Dual Lip	PREMIUM TRB	3.00
MFTRY-125	169,290	259,780	63,830	167,480	1,550	NBR Dual Lip	PREMIUM TRB	5.74
MFTRY-150	168,990	250,000	68,120	172,310	1,250	NBR Dual Lip	PREMIUM TRB	7.95
MFTRY-200	298,080	366,000	87,170	183,000	4,800	Steel Shield	PREMIUM TRB	15.15
MFTRY-250	298,080	366,000	87,170	183,000	4,800	Steel Shield	PREMIUM TRB	25.70



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

FTRY-R – TRACK ROLLERS

Flanged – Yoke

Ball & Tapered Roller Bearings - Regreasable

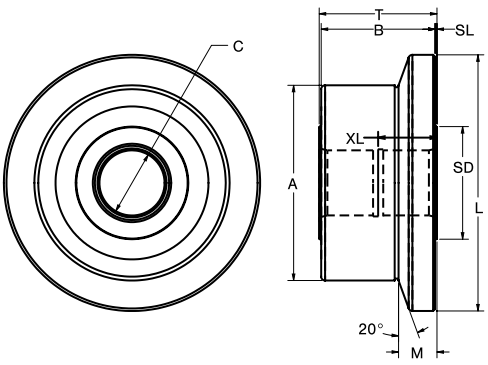
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	FLANGE		SHOULDER		Inner Race Width +.005 -.010	Grease Groove Location	Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width		Dia.	Width	Dia.	Len.				
FTRY-1.00-R	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688	0.34	YSH-.312-R	YSHE-.312-R
FTRY-1.125-R	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688	0.34	YSH-.312-R	YSHE-.312-R
FTRY-1.25-R	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813	0.41	YSH-.375-R	YSHE-.375-R
FTRY-1.375-R	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813	0.41	YSH-.375-R	YSHE-.375-R
FTRY-1.50-R	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	0.47	YSH-.437-R	YSHE-.437-R
FTRY-1.75-R	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	0.53	YSH-.500-R	YSHE-.500-R
FTRY-2.00-R	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
FTRY-2.25-R	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
FTRY-2.50-R	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
FTRY-2.50E-R	2.500	1.50	0.7505	3.19	0.50	1.3	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
FTRY-2.75-R	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
FTRY-2.75E-R	2.750	1.50	0.7505	3.44	0.50	1.3	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
FTRY-3.00A-R	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
FTRY-3.00-R	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
FTRY-3.25A-R	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
FTRY-3.25-R	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
FTRY-3.50A-R	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	1.03	YSH-1.250-R	YSHE-1.250-R
FTRY-3.50-R	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	1.03	YSH-1.250-R	YSHE-1.250-R
FTRY-4.00A-R	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R
FTRY-4.00-R	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R
FTRY-5.00-R	5.000	2.75	1.7508	5.94	0.72	3.2	0.06	2.875	1.44	YSH-1.750-R	YSHE-1.750-R
FTRY-6.00-R	6.000	3.25	2.2508	6.94	0.72	3.5	0.06	3.375	1.69	YSH-2.250-R	YSHE-2.250-R
FTRY-7.00-R	7.000	3.75	2.7508	7.94	0.72	4.1	0.06	3.875	1.94	YSH-2.750-R	YSHE-2.750-R
FTRY-8.00-R	8.000	4.25	3.2560	8.94	0.72	4.7	0.13	4.500	2.25	YSH-3.250-R	-
FTRY-9.00-R	9.000	4.75	3.7560	9.94	0.72	5.3	0.13	5.000	2.50	YSH-3.750-R	-
FTRY-10.00-R	10.000	5.25	4.2560	10.94	0.72	6.5	0.13	5.500	2.75	YSH-4.250-R	-
FTRY-12.00-R	12.000	5.25	4.2560	12.94	0.72	6.5	0.13	5.500	2.75	YSH-4.250-R	-
FTRY-14.00-R	14.000	5.25	4.2560	14.94	0.72	6.5	0.13	5.500	2.75	YSH-4.250-R	-
FTRY-16.00-R	16.000	5.25	4.2560	16.94	0.72	6.5	0.13	5.500	2.75	YSH-4.250-R	-
FTRY-18.00-R	18.000	5.25	4.2560	18.94	0.72	6.5	0.13	5.500	2.75	YSH-4.250-R	-
FTRY-20.00-R	20.000	5.25	4.2560	20.94	0.72	6.5	0.13	5.500	2.75	YSH-4.250-R	-

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option







FTRY-R – TRACK ROLLERS

Flanged – Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRY-1.00-R	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.12
FTRY-1.125-R	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.15
FTRY-1.25-R	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.20
FTRY-1.375-R	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.25
FTRY-1.50-R	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.37
FTRY-1.75-R	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.59
FTRY-2.00-R	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.07
FTRY-2.25-R	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.40
FTRY-2.50-R	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	1.84
FTRY-2.50E-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.92
FTRY-2.75-R	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	2.37
FTRY-2.75E-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.39
FTRY-3.00A-R	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	3.16
FTRY-3.00-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.38
FTRY-3.25A-R	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	3.83
FTRY-3.25-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.03
FTRY-3.50A-R	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	4.80
FTRY-3.50-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	5.16
FTRY-4.00A-R	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	7.05
FTRY-4.00-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	7.72
FTRY-5.00-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	13.57
FTRY-6.00-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	21.49
FTRY-7.00-R	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	32.03
FTRY-8.00-R	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	46.65
FTRY-9.00-R	142,740	167,000	57,860	115,980	760	NBR Lip	PREMIUM TRB	64.76
FTRY-10.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	86.44
FTRY-12.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	137.78
FTRY-14.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	197.83
FTRY-16.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	267.06
FTRY-18.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	345.47
FTRY-20.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	433.06



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

TRACK ROLLERS

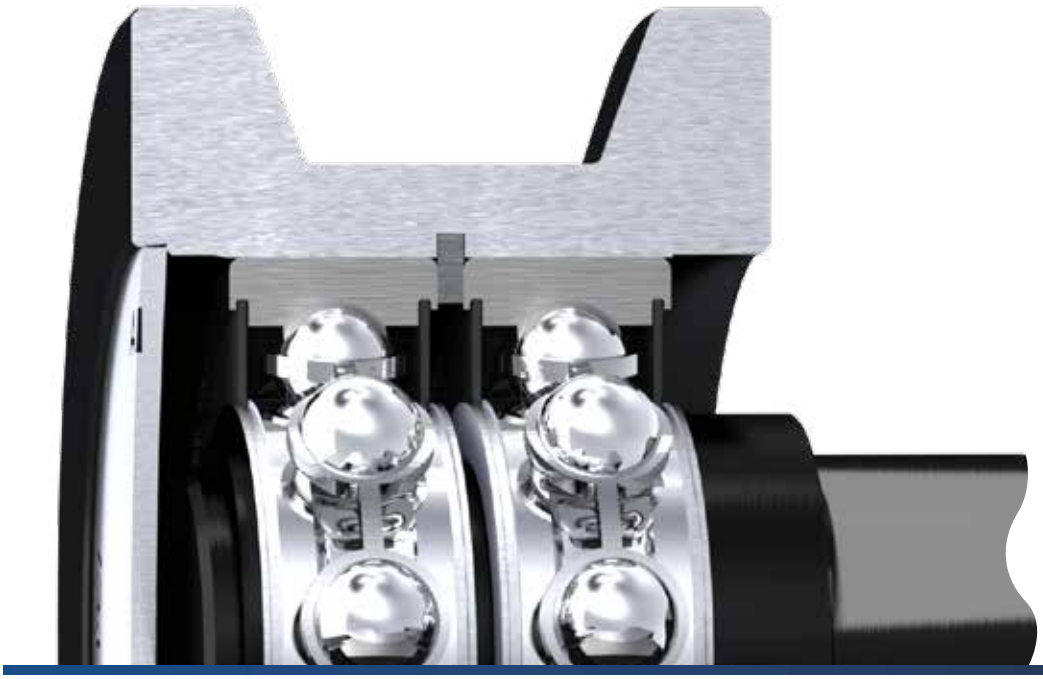
FFTR Double Flanged – Stud Type Ball Bearings

∞| *Infinity Roller™ Technology*

DOUBLE FLANGED BODY PROFILE
features opposing shoulders to locate while effectively carrying radial loads and used on flat tracks.

SELF-CONTAINED DUAL DIRECTION
guidance is provided where axial (thrust) loads are expected.

ANGLED FLANGE REDUCES FRICTION
and can be used in conjunction with plain rollers.



FEATURING SKF



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

Solutions Through Innovation

TRACK ROLLERS

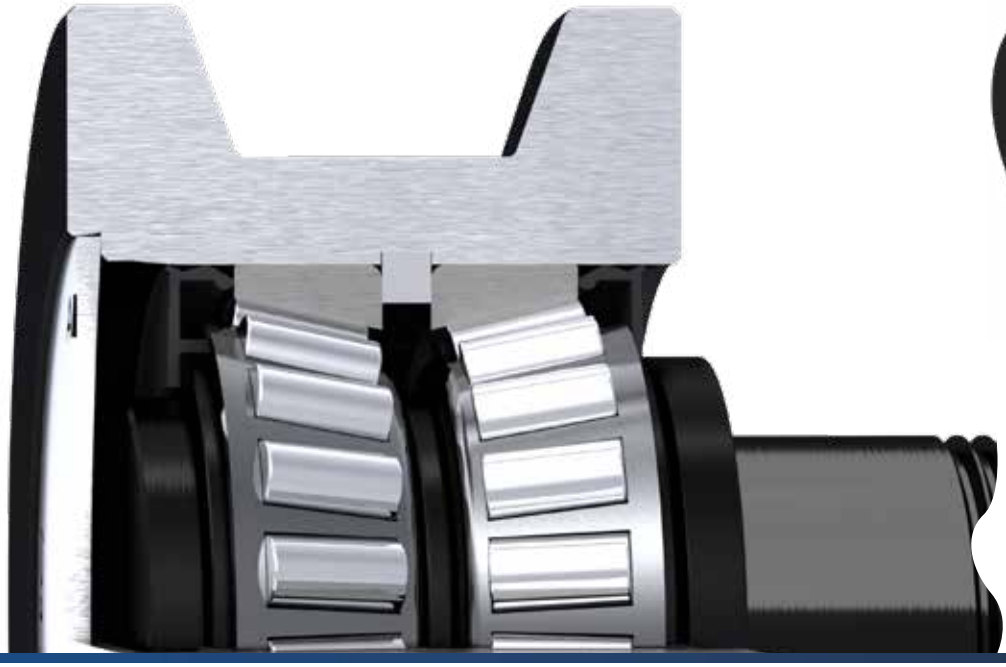
FFTR Double Flanged – Stud Type Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

DOUBLE FLANGED BODY PROFILE
features opposing shoulders to locate while effectively carrying radial loads and used on flat tracks.

SELF-CONTAINED DUAL DIRECTION
guidance is provided where axial (thrust) loads are expected.

ANGLED FLANGE REDUCES FRICTION
and can be used in conjunction with plain rollers.



FEATURING TIMKEN



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER DUAL LIP SEALS aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

TIMKEN TAPERED ROLLER BEARINGS
precision matched sets ensure maximum thrust load paired with moderate radial load capacity.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

FFTR – TRACK ROLLERS

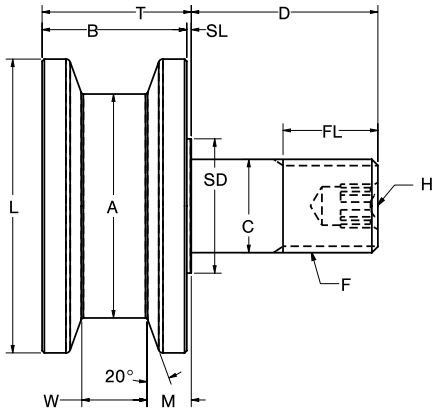
Double Flanged – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T	W
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER			Tread Width
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	
FFTR-1.00	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.38	0.22	0.5	0.03	0.78	0.37
FFTR-1.125	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.50	0.22	0.5	0.03	0.78	0.37
FFTR-1.25	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.56	0.22	0.6	0.03	0.84	0.43
FFTR-1.375	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.69	0.22	0.6	0.03	0.84	0.43
FFTR-1.50	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.19	0.34	0.8	0.06	1.19	0.57
FFTR-1.75	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	2.44	0.34	0.9	0.06	1.19	0.57
FFTR-2.00	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59	1.0	0.06	1.69	0.57
FFTR-2.25	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.59	1.0	0.06	1.69	0.57
FFTR-2.50	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	3.19	0.59	1.2	0.06	1.69	0.57
FFTR-2.50E	2.500	1.75	1.000	2.25	1 - 14	1.50	1/2	3.19	0.59	1.3	0.06	1.81	0.69
FFTR-2.75	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	3.44	0.59	1.2	0.06	1.69	0.57
FFTR-2.75E	2.750	1.75	1.000	2.25	1 - 14	1.50	1/2	3.44	0.59	1.3	0.06	1.81	0.69
FFTR-3.00A	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.5	0.06	2.00	0.88
FFTR-3.00	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.8	0.06	2.00	0.88
FFTR-3.25A	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.5	0.06	2.00	0.88
FFTR-3.25	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.8	0.06	2.00	0.88
FFTR-3.50A	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.5	0.06	2.00	0.88
FFTR-3.50	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.8	0.06	2.00	0.88
FFTR-4.00A	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.5	0.06	2.00	0.88
FFTR-4.00	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.8	0.06	2.00	0.88
FFTR-4.50	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.44	0.59	1.8	0.06	2.00	0.88
FFTR-4.75	4.750	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.75	0.59	1.8	0.06	2.00	0.88
FFTR-5.00	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	5.94	0.72	3.0	0.06	3.00	1.62
FFTR-6.00	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	6.94	0.72	3.5	0.06	3.00	1.62
FFTR-7.00	7.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	7.94	0.72	3.5	0.06	3.00	1.62
FFTR-8.00	8.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	8.94	0.72	3.5	0.06	3.00	1.62
FFTR-10.00	10.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	10.94	0.72	3.5	0.06	3.00	1.62

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option





FFTR – TRACK ROLLERS

Double Flanged – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTR-1.00	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.23
FFTR-1.125	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.28
FFTR-1.25	1,430	750	360	190	19,000	900	470	180	NBR Lip	PREMIUM DGBB	0.34
FFTR-1.375	1,430	750	360	190	19,000	900	470	180	NBR Lip	PREMIUM DGBB	0.41
FFTR-1.50	2,660	1,400	670	350	15,000	1,570	550	350	NBR Lip	PREMIUM DGBB	0.81
FFTR-1.75	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	PREMIUM DGBB	1.14
FFTR-2.00	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	2.15
FFTR-2.25	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	2.49
FFTR-2.50	5,390	3,510	2,700	1,760	8,500	8,180	1,340	650	NBR Lip	PREMIUM DGBB	3.16
FFTR-2.50E	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	3.31
FFTR-2.75	5,390	3,510	2,700	1,760	8,500	8,180	1,340	650	NBR Lip	PREMIUM DGBB	3.72
FFTR-2.75E	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	3.90
FFTR-3.00A	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	5.25
FFTR-3.00	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	5.46
FFTR-3.25A	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	5.89
FFTR-3.25	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	6.24
FFTR-3.50A	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	6.78
FFTR-3.50	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	7.17
FFTR-4.00A	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	8.55
FFTR-4.00	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	9.01
FFTR-4.50	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	10.76
FFTR-4.75	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	12.25
FFTR-5.00	38,060	58,400	14,350	37,660	1,550	37,440	-	1,500	NBR Dual Lip	PREMIUM TRB	21.39
FFTR-6.00	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	31.82
FFTR-7.00	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	39.74
FFTR-8.00	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	49.83
FFTR-10.00	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	73.83



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

FFTR-R – TRACK ROLLERS

Double Flanged – Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

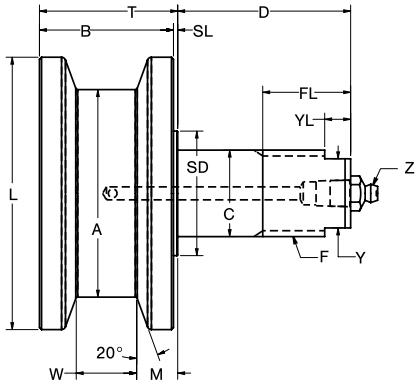
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER			Tread Width	WRENCH FLAT		Lube Size
	Dia.	Width	Dia. +.000 -.001.	Len.	Size	Len.		Dia	Width	Dia.	Len.	Len. + Roller Width		Size	Flat Len.	
FFTR-1.00-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	1.38	0.22	0.5	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTR-1.125-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	1.50	0.22	0.5	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTR-1.25-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	1.56	0.22	0.6	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTR-1.375-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	1.69	0.22	0.6	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTR-1.50-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	2.19	0.34	0.8	0.06	1.19	0.57	0.500	0.375	1/4-28 UNF
FFTR-1.75-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	2.44	0.34	0.9	0.06	1.19	0.57	0.625	0.375	1/8-27 NPT
FFTR-2.00-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	2.69	0.59	1.0	0.06	1.69	0.57	0.625	0.375	1/8-27 NPT
FFTR-2.25-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	2.94	0.59	1.0	0.06	1.69	0.57	0.625	0.375	1/8-27 NPT
FFTR-2.50-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	3.19	0.59	1.2	0.06	1.69	0.57	0.875	0.375	1/8-27 NPT
FFTR-2.50E-R	2.500	1.75	1.000	2.25	1 - 14	1.50	-	3.19	0.59	1.3	0.06	1.81	0.69	0.875	0.375	1/8-27 NPT
FFTR-2.75-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	3.44	0.59	1.2	0.06	1.69	0.57	0.875	0.375	1/8-27 NPT
FFTR-2.75E-R	2.750	1.75	1.000	2.25	1 - 14	1.50	-	3.44	0.59	1.3	0.06	1.81	0.69	0.875	0.375	1/8-27 NPT
FFTR-3.00A-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	3.94	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.00-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	3.94	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.25A-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.19	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.25-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.19	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.50A-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.44	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.50-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.44	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-4.00A-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-4.00-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-4.50-R	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	5.44	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-4.75-R	4.750	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	5.75	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-5.00-R	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	5.94	0.72	3.0	0.06	3.00	1.62	-	-	1/4-28 UNF
FFTR-6.00-R	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	6.94	0.72	3.5	0.06	3.00	1.62	-	-	1/4-28 UNF
FFTR-7.00-R	7.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	7.94	0.72	3.5	0.06	3.00	1.62	-	-	1/4-28 UNF
FFTR-8.00-R	8.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	8.94	0.72	3.5	0.06	3.00	1.62	-	-	1/4-28 UNF
FFTR-10.00-R	10.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	10.94	0.72	3.5	0.06	3.00	1.62	-	-	1/4-28 UNF

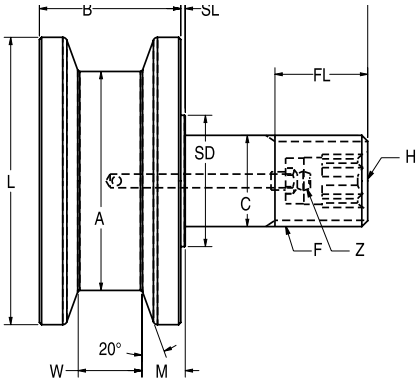
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option contain more economical seals and rolling elements



THROUGH 2.75" ROLLER DIA.



3.00" ROLLER DIA. AND LARGER

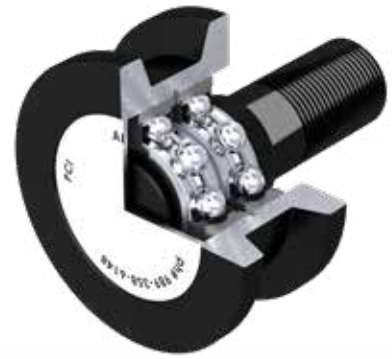


FFTR-R – TRACK ROLLERS

Double Flanged – Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (In-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTR-1.00-R	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.23
FFTR-1.125-R	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.28
FFTR-1.25-R	1,430	750	360	190	19,000	900	470	180	NBR Lip	PREMIUM DGBB	0.34
FFTR-1.375-R	1,430	750	360	190	19,000	900	470	180	NBR Lip	PREMIUM DGBB	0.41
FFTR-1.50-R	2,660	1,400	670	350	15,000	1,570	550	350	NBR Lip	PREMIUM DGBB	0.81
FFTR-1.75-R	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	PREMIUM DGBB	1.14
FFTR-2.00-R	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	2.15
FFTR-2.25-R	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	2.61
FFTR-2.50-R	5,390	3,510	2,700	1,760	8,500	8,180	1,340	650	NBR Lip	PREMIUM DGBB	3.16
FFTR-2.50E-R	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	3.31
FFTR-2.75-R	5,390	3,510	2,700	1,760	8,500	8,180	1,340	650	NBR Lip	PREMIUM DGBB	3.72
FFTR-2.75E-R	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	3.90
FFTR-3.00A-R	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	5.25
FFTR-3.00-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	5.46
FFTR-3.25A-R	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	5.89
FFTR-3.25-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	6.24
FFTR-3.50A-R	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	6.78
FFTR-3.50-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	7.17
FFTR-4.00A-R	7,400	5,040	3,700	2,520	8,000	13,580	1,950	1,500	NBR Lip	PREMIUM DGBB	8.55
FFTR-4.00-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	9.01
FFTR-4.50-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	10.76
FFTR-4.75-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	12.25
FFTR-5.00-R	38,060	58,400	14,350	37,660	1,550	37,440	-	1,500	NBR Dual Lip	PREMIUM TRB	21.39
FFTR-6.00-R	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	31.82
FFTR-7.00-R	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	39.74
FFTR-8.00-R	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	49.83
FFTR-10.00-R	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	73.83





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

FFTRE – TRACK ROLLERS

Double Flanged – Stud Eccentric Ball & Tapered Roller Bearings

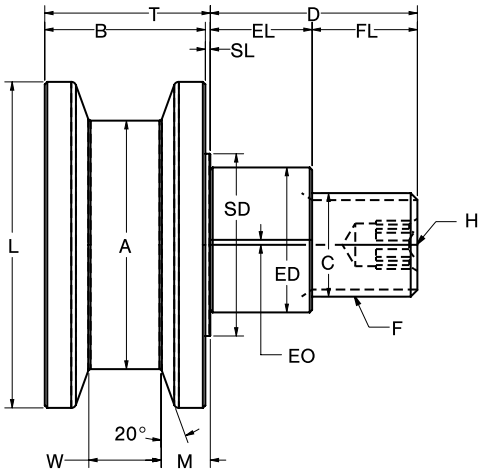
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T	W
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER			Tread Width
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	
FFTRE-1.00	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.38	0.22	0.7	0.03	0.78	0.37
FFTRE-1.125	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.50	0.22	0.7	0.03	0.78	0.37
FFTRE-1.25	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.56	0.22	0.8	0.03	0.84	0.43
FFTRE-1.375	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.69	0.22	0.8	0.03	0.84	0.43
FFTRE-1.50	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.19	0.34	1.1	0.06	1.19	0.57
FFTRE-1.75	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	2.44	0.34	1.3	0.06	1.19	0.57
FFTRE-2.00	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59	1.5	0.06	1.69	0.57
FFTRE-2.25	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.59	1.5	0.06	1.69	0.57
FFTRE-2.50	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.19	0.59	1.7	0.06	1.69	0.57
FFTRE-2.50E	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	3.19	0.59	1.7	0.06	1.81	0.69
FFTRE-2.75	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.44	0.59	1.7	0.06	1.69	0.57
FFTRE-2.75E	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	3.44	0.59	1.7	0.06	1.81	0.69
FFTRE-3.00A	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00	0.88
FFTRE-3.00	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00	0.88
FFTRE-3.25A	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00	0.88
FFTRE-3.25	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00	0.88
FFTRE-3.50A	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00	0.88
FFTRE-3.50	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00	0.88
FFTRE-4.00A	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00	0.88
FFTRE-4.00	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00	0.88
FFTRE-4.50	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.44	0.59	2.2	0.06	2.00	0.88
FFTRE-4.75	4.750	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.75	0.59	2.2	0.06	2.00	0.88
FFTRE-5.00	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	5.94	0.72	3.3	0.06	3.00	1.62
FFTRE-6.00	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	6.94	0.72	3.6	0.06	3.00	1.62

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option







FFTRE – TRACK ROLLERS

Double Flanged – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRE-1.00	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.25
FFTRE-1.125	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.31
FFTRE-1.25	1,430	750	360	190	19,000	930	470	250	NBR Lip	PREMIUM DGBB	0.36
FFTRE-1.375	1,430	750	360	190	19,000	930	470	250	NBR Lip	PREMIUM DGBB	0.45
FFTRE-1.50	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	PREMIUM DGBB	0.91
FFTRE-1.75	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	PREMIUM DGBB	1.25
FFTRE-2.00	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	2.29
FFTRE-2.25	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	2.80
FFTRE-2.50	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	3.48
FFTRE-2.50E	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	3.67
FFTRE-2.75	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	3.98
FFTRE-2.75E	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	4.16
FFTRE-3.00A	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	5.77
FFTRE-3.00	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	5.81
FFTRE-3.25A	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	6.40
FFTRE-3.25	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	6.45
FFTRE-3.50A	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	7.57
FFTRE-3.50	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	7.75
FFTRE-4.00A	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	9.11
FFTRE-4.00	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	9.61
FFTRE-4.50	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	11.34
FFTRE-4.75	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	12.50
FFTRE-5.00	38,060	58,400	14,350	37,660	1,550	37,440	-	1,500	NBR Dual Lip	PREMIUM TRB	22.79
FFTRE-6.00	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	33.85





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

FFTRE-R – TRACK ROLLERS

Double Flanged – Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable

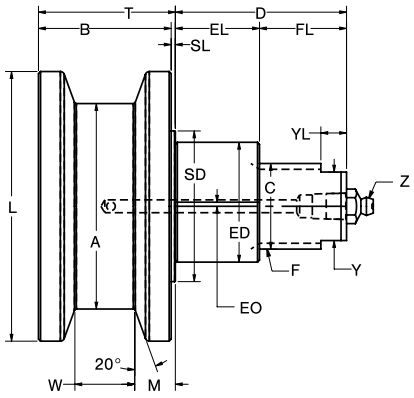
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER			Tread Width	WRENCH FLAT		Lube Size
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width		Size	Flat Len.	
FFTRE-1.00-R	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	1.38	0.22	0.7	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTRE-1.125-R	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	1.50	0.22	0.7	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTRE-1.25-R	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	1.56	0.22	0.8	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTRE-1.375-R	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	1.69	0.22	0.8	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTRE-1.50-R	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	2.19	0.34	1.1	0.06	1.19	0.57	0.500	0.375	1/4-28 UNF
FFTRE-1.75-R	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	-	2.44	0.34	1.3	0.06	1.19	0.57	0.625	0.375	1/8-27 NPT
FFTRE-2.00-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.69	0.59	1.5	0.06	1.69	0.57	0.625	0.375	1/8-27 NPT
FFTRE-2.25-R	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.94	0.59	1.5	0.06	1.69	0.57	0.625	0.375	1/8-27 NPT
FFTRE-2.50-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.19	0.59	1.7	0.06	1.69	0.57	0.875	0.375	1/8-27 NPT
FFTRE-2.50E-R	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.19	0.59	1.7	0.06	1.81	0.69	0.875	0.375	1/8-27 NPT
FFTRE-2.75-R	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.44	0.59	1.7	0.06	1.69	0.57	0.875	0.375	1/8-27 NPT
FFTRE-2.75E-R	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.44	0.59	1.7	0.06	1.81	0.69	0.875	0.375	1/8-27 NPT
FFTRE-3.00A-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	3.94	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.00-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	3.94	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.25A-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	4.19	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.25-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	4.19	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.50A-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.44	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.50-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.44	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-4.00A-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.94	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-4.00-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.94	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-4.50-R	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	5.44	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-4.75-R	4.750	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	5.75	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-5.00-R	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	5.94	0.72	3.3	0.06	3.00	1.62	-	-	1/4-28 UNF
FFTRE-6.00-R	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	6.94	0.72	3.6	0.06	3.00	1.62	-	-	1/4-28 UNF

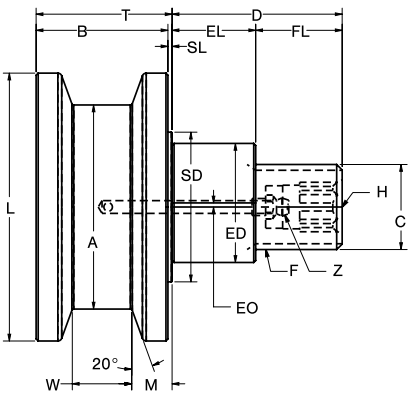
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option



THROUGH 2.75" ROLLER DIA.



3.00" ROLLER DIA. AND LARGER

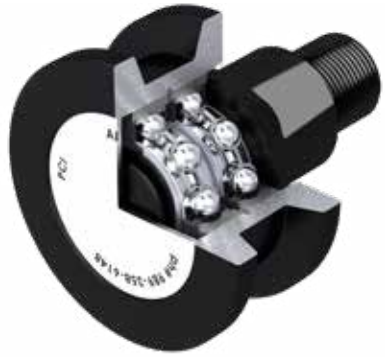


FFTRE-R – TRACK ROLLERS

Double Flanged – Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRE-1.00-R	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.25
FFTRE-1.125-R	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.31
FFTRE-1.25-R	1,430	750	360	190	19,000	930	470	250	NBR Lip	PREMIUM DGBB	0.36
FFTRE-1.375-R	1,430	750	360	190	19,000	930	470	250	NBR Lip	PREMIUM DGBB	0.45
FFTRE-1.50-R	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	PREMIUM DGBB	0.91
FFTRE-1.75-R	2,660	1,400	670	350	15,000	1,570	550	650	NBR Lip	PREMIUM DGBB	1.25
FFTRE-2.00-R	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	2.29
FFTRE-2.25-R	3,630	2,140	1,820	1,070	12,000	4,360	900	650	NBR Lip	PREMIUM DGBB	2.8
FFTRE-2.50-R	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	3.48
FFTRE-2.50E-R	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	3.67
FFTRE-2.75-R	5,390	3,510	2,700	1,760	8,500	9,660	1,340	650	NBR Lip	PREMIUM DGBB	3.98
FFTRE-2.75E-R	13,720	14,800	5,130	9,470	2,100	7,660	-	1,500	NBR Dual Lip	PREMIUM TRB	4.16
FFTRE-3.00A-R	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	5.77
FFTRE-3.00-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	5.81
FFTRE-3.25A-R	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	6.4
FFTRE-3.25-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	6.45
FFTRE-3.50A-R	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	7.57
FFTRE-3.50-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	7.75
FFTRE-4.00A-R	7,400	5,040	3,700	2,520	8,000	17,870	1,950	1,500	NBR Lip	PREMIUM DGBB	9.11
FFTRE-4.00-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	9.61
FFTRE-4.50-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	11.34
FFTRE-4.75-R	17,940	20,000	7,410	14,120	2,490	13,580	-	1,500	NBR Dual Lip	PREMIUM TRB	12.50
FFTRE-5.00-R	38,060	58,400	14,350	37,660	1,550	37,440	-	1,500	NBR Dual Lip	PREMIUM TRB	22.79
FFTRE-6.00-R	37,990	56,200	15,320	38,740	1,250	73,120	-	1,500	NBR Dual Lip	PREMIUM TRB	33.85





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

TRACK ROLLERS

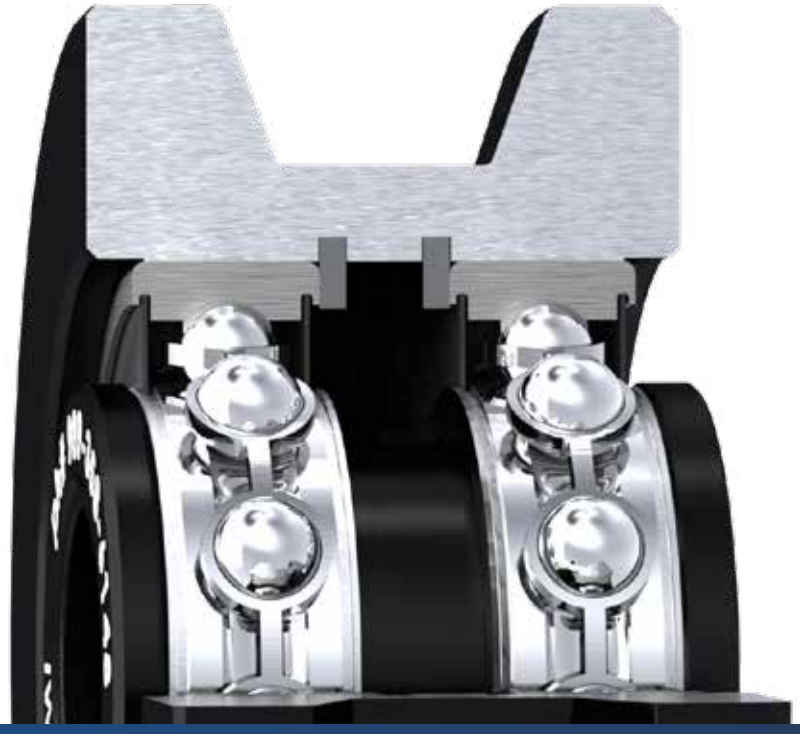
FFTRY – Double Flanged – Yoke Type Ball Bearings

∞| *Infinity Roller™ Technology*

DOUBLE FLANGED BODY PROFILE
features opposing shoulders to locate while effectively carrying radial loads and used on flat tracks.

SELF-CONTAINED DUAL DIRECTION
guidance is provided where axial (thrust) loads are expected.

ANGLED FLANGE REDUCES FRICTION
and can be used in conjunction with plain rollers.



FEATURING SKF



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

EASY INSTALLATION
slip fit bore is designed for use with positive end clamping force without thrust loading the ball bearings.

Solutions Through Innovation

TRACK ROLLERS

FFTRY – Double Flanged – Yoke Type Track Roller Bearings

∞ | *Infinity Roller™ Technology*

DOUBLE FLANGED BODY PROFILE
features opposing shoulders to locate while effectively carrying radial loads and used on flat tracks.

SELF-CONTAINED DUAL DIRECTION
guidance is provided where axial (thrust) loads are expected.

ANGLED FLANGE REDUCES FRICTION
and can be used in conjunction with plain rollers.



FEATURING TIMKEN



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER DUAL LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

TIMKEN TAPERED ROLLER BEARINGS
precision matched sets ensure maximum thrust load paired with moderate radial load capacity.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

EASY INSTALLATION slip fit bore is designed for use with positive end clamping force without thrust loading the ball bearings.

FFTRY – TRACK ROLLERS

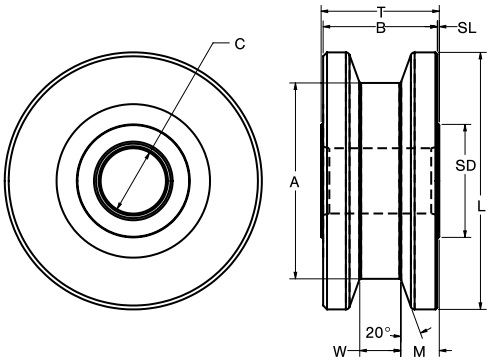
Double Flanged – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	W	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	FLANGE		SHOULDER		Inner Race Width +.005 -.010	Tread Width	Concentric Shaft	Eccentric Shaft
	Dia.	Width		Dia.	Width	Dia.	Len.				
FFTRY-1.00	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688	0.25	YSH-.312	YSHE-.312
FFTRY-1.125	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688	0.25	YSH-.312	YSHE-.312
FFTRY-1.25	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813	0.38	YSH-.375	YSHE-.375
FFTRY-1.375	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813	0.38	YSH-.375	YSHE-.375
FFTRY-1.50	1.50	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	0.50	YSH-.437	YSHE-.437
FFTRY-1.75	1.75	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	0.56	YSH-.500	YSHE-.500
FFTRY-2.00	2.00	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	0.69	YSH-.625	YSHE-.625
FFTRY-2.25	2.25	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	0.69	YSH-.625	YSHE-.625
FFTRY-2.50	2.50	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	0.56	YSH-.750	YSHE-.750
FFTRY-2.50E	2.50	1.50	0.7505	3.19	0.50	1.3	0.03	1.563	0.56	YSH-.750	YSHE-.750
FFTRY-2.75	2.75	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	0.56	YSH-.750	YSHE-.750
FFTRY-2.75E	2.75	1.50	0.7505	3.44	0.50	1.3	0.03	1.563	0.56	YSH-.750	YSHE-.750
FFTRY-3.00A	3.00	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63	YSH-1.000	YSHE-1.000
FFTRY-3.00	3.00	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63	YSH-1.000	YSHE-1.000
FFTRY-3.25A	3.25	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63	YSH-1.000	YSHE-1.000
FFTRY-3.25	3.25	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63	YSH-1.000	YSHE-1.000
FFTRY-3.50A	3.50	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88	YSH-1.125	YSHE-1.125
FFTRY-3.50	3.50	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88	YSH-1.125	YSHE-1.125
FFTRY-4.00A	4.00	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13	YSH-1.250	YSHE-1.250
FFTRY-4.00	4.00	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13	YSH-1.250	YSHE-1.250
FFTRY-5.00	5.00	2.75	1.7508	5.94	0.72	3.2	0.06	2.875	1.44	YSH-1.750	YSHE-1.750
FFTRY-6.00	6.00	3.25	2.2508	6.94	0.72	3.5	0.06	3.375	1.94	YSH-2.250	YSHE-2.250
FFTRY-7.00	7.00	3.75	2.7508	7.94	0.72	4.1	0.06	3.875	2.44	YSH-2.750	YSHE-2.750
FFTRY-8.00	8.00	4.25	3.2560	8.94	0.72	4.7	0.13	4.500	3.06	YSH-3.250	-
FFTRY-9.00	9.00	4.75	3.7560	9.94	0.72	5.3	0.13	5.000	3.56	YSH-3.750	-
FFTRY-10.00	10.00	5.25	4.2560	10.94	0.72	6.5	0.13	5.500	4.06	YSH-4.250	-
FFTRY-12.00	12.00	5.25	4.2560	12.94	0.72	6.5	0.13	5.500	4.06	YSH-4.250	-
FFTRY-14.00	14.00	5.25	4.2560	14.94	0.72	6.5	0.13	5.500	4.06	YSH-4.250	-
FFTRY-16.00	16.00	5.25	4.2560	16.94	0.72	6.5	0.13	5.500	4.06	YSH-4.250	-
FFTRY-18.00	18.00	5.25	4.2560	18.94	0.72	6.5	0.13	5.500	4.06	YSH-4.250	-
FFTRY-20.00	20.00	5.25	4.2560	20.94	0.72	6.5	0.13	5.500	4.06	YSH-4.250	-

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option





Solutions Through Innovation

FFTRY – TRACK ROLLERS

Double Flanged – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRY-1.00	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.14
FFTRY-1.125	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.17
FFTRY-1.25	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.22
FFTRY-1.375	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.27
FFTRY-1.50	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.45
FFTRY-1.75	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.71
FFTRY-2.00	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.32
FFTRY-2.25	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.67
FFTRY-2.50	5,390	3,510	1,820	1,070	8,500	NBR Lip	PREMIUM DGBB	2.19
FFTRY-2.50E	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.23
FFTRY-2.75	5,390	3,510	1,820	1,070	8,500	NBR Lip	PREMIUM DGBB	2.69
FFTRY-2.75E	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.73
FFTRY-3.00A	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	3.86
FFTRY-3.00	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.06
FFTRY-3.25A	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	4.44
FFTRY-3.25	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.69
FFTRY-3.50A	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	5.43
FFTRY-3.50	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	5.79
FFTRY-4.00A	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	8.16
FFTRY-4.00	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	8.55
FFTRY-5.00	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	14.80
FFTRY-6.00	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	22.94
FFTRY-7.00	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	33.76
FFTRY-8.00	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	48.43
FFTRY-9.00	142,470	167,000	57,860	115,980	760	NBR Lip	PREMIUM TRB	66.73
FFTRY-10.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	88.62
FFTRY-12.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	140.38
FFTRY-14.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	200.85
FFTRY-16.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	270.50
FFTRY-18.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	349.33
FFTRY-20.00	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	437.33





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

FFTRY-R – TRACK ROLLERS

Double Flanged – Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

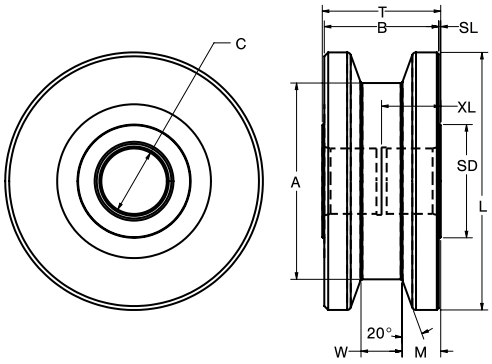
Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	W	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER			FLANGE		SHOULDER						
	Dia.	Width	Bore Dia. +.0007 -.0000	Dia.	Width	Dia.	Len.	Inner Race Width +.005 -.010	Tread Width	Grease Groove Location	Concentric Shaft	Eccentric Shaft
FFTRY-1.00-R	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688	0.25	0.34	YSH-.312-R	YSHE-.312-R
FFTRY-1.125-R	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688	0.25	0.34	YSH-.312-R	YSHE-.312-R
FFTRY-1.25-R	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813	0.38	0.41	YSH-.375-R	YSHE-.375-R
FFTRY-1.375-R	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813	0.38	0.41	YSH-.375-R	YSHE-.375-R
FFTRY-1.50-R	1.50	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	0.50	0.47	YSH-.437-R	YSHE-.437-R
FFTRY-1.75-R	1.75	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	0.56	0.53	YSH-.500-R	YSHE-.500-R
FFTRY-2.00-R	2.00	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	0.69	0.66	YSH-.625-R	YSHE-.625-R
FFTRY-2.25-R	2.25	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	0.69	0.66	YSH-.625-R	YSHE-.625-R
FFTRY-2.50-R	2.50	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	0.56	0.78	YSH-.750-R	YSHE-.750-R
FFTRY-2.50E-R	2.50	1.50	0.7505	3.19	0.50	1.3	0.03	1.563	0.56	0.78	YSH-.750-R	YSHE-.750-R
FFTRY-2.75-R	2.75	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	0.56	0.78	YSH-.750-R	YSHE-.750-R
FFTRY-2.75E-R	2.75	1.50	0.7505	3.44	0.50	1.3	0.03	1.563	0.56	0.78	YSH-.750-R	YSHE-.750-R
FFTRY-3.00A-R	3.00	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63	0.91	YSH-1.000-R	YSHE-1.000-R
FFTRY-3.00-R	3.00	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63	0.91	YSH-1.000-R	YSHE-1.000-R
FFTRY-3.25A-R	3.25	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63	0.91	YSH-1.000-R	YSHE-1.000-R
FFTRY-3.25-R	3.25	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63	0.91	YSH-1.000-R	YSHE-1.000-R
FFTRY-3.50A-R	3.50	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88	1.03	YSH-1.125-R	YSHE-1.125-R
FFTRY-3.50-R	3.50	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88	1.03	YSH-1.125-R	YSHE-1.125-R
FFTRY-4.00A-R	4.00	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13	1.16	YSH-1.250-R	YSHE-1.250-R
FFTRY-4.00-R	4.00	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13	1.16	YSH-1.250-R	YSHE-1.250-R
FFTRY-5.00-R	5.00	2.75	1.7508	5.94	0.72	3.2	0.06	2.875	1.44	1.44	YSH-1.750-R	YSHE-1.750-R
FFTRY-6.00-R	6.00	3.25	2.2508	6.94	0.72	3.5	0.06	3.375	1.94	1.69	YSH-2.250-R	YSHE-2.250-R
FFTRY-7.00-R	7.00	3.75	2.7508	7.94	0.72	4.1	0.06	3.875	2.44	1.94	YSH-2.750-R	YSHE-2.750-R
FFTRY-8.00-R	8.00	4.25	3.2560	8.94	0.72	4.7	0.13	4.500	3.06	2.25	YSH-3.250-R	-
FFTRY-9.00-R	9.00	4.75	3.7560	9.94	0.72	5.3	0.13	5.000	3.56	2.50	YSH-3.750-R	-
FFTRY-10.00-R	10.00	5.25	4.2560	10.94	0.72	6.5	0.13	5.500	4.06	2.75	YSH-4.250-R	-
FFTRY-12.00-R	12.00	5.25	4.2560	12.94	0.72	6.5	0.13	5.500	4.06	2.75	YSH-4.250-R	-
FFTRY-14.00-R	14.00	5.25	4.2560	14.94	0.72	6.5	0.13	5.500	4.06	2.75	YSH-4.250-R	-
FFTRY-16.00-R	16.00	5.25	4.2560	16.94	0.72	6.5	0.13	5.500	4.06	2.75	YSH-4.250-R	-
FFTRY-18.00-R	18.00	5.25	4.2560	18.94	0.72	6.5	0.13	5.500	4.06	2.75	YSH-4.250-R	-
FFTRY-20.00-R	20.00	5.25	4.2560	20.94	0.72	6.5	0.13	5.500	4.06	2.75	YSH-4.250-R	-

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option







FFTRY-R – TRACK ROLLERS

Double Flanged – Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRY-1.00-R	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.12
FFTRY-1.125-R	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.15
FFTRY-1.25-R	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.2
FFTRY-1.375-R	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.25
FFTRY-1.50-R	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.45
FFTRY-1.75-R	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.71
FFTRY-2.00-R	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.32
FFTRY-2.25-R	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.67
FFTRY-2.50-R	5,390	3,510	1,820	1,070	8,500	NBR Lip	PREMIUM DGBB	2.19
FFTRY-2.50E-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.23
FFTRY-2.75-R	5,390	3,510	1,820	1,070	8,500	NBR Lip	PREMIUM DGBB	2.69
FFTRY-2.75E-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.73
FFTRY-3.00A-R	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	3.86
FFTRY-3.00-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.06
FFTRY-3.25A-R	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	4.44
FFTRY-3.25-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.69
FFTRY-3.50A-R	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	5.43
FFTRY-3.50-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	5.79
FFTRY-4.00A-R	64,910	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	8.16
FFTRY-4.00-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	8.55
FFTRY-5.00-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	14.80
FFTRY-6.00-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	22.94
FFTRY-7.00-R	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	33.76
FFTRY-8.00-R	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	48.43
FFTRY-9.00-R	142,470	167,000	57,860	115,980	760	NBR Lip	PREMIUM TRB	66.73
FFTRY-10.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	88.62
FFTRY-12.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	140.38
FFTRY-14.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	200.85
FFTRY-16.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	270.50
FFTRY-18.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	349.33
FFTRY-20.00-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	437.33





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

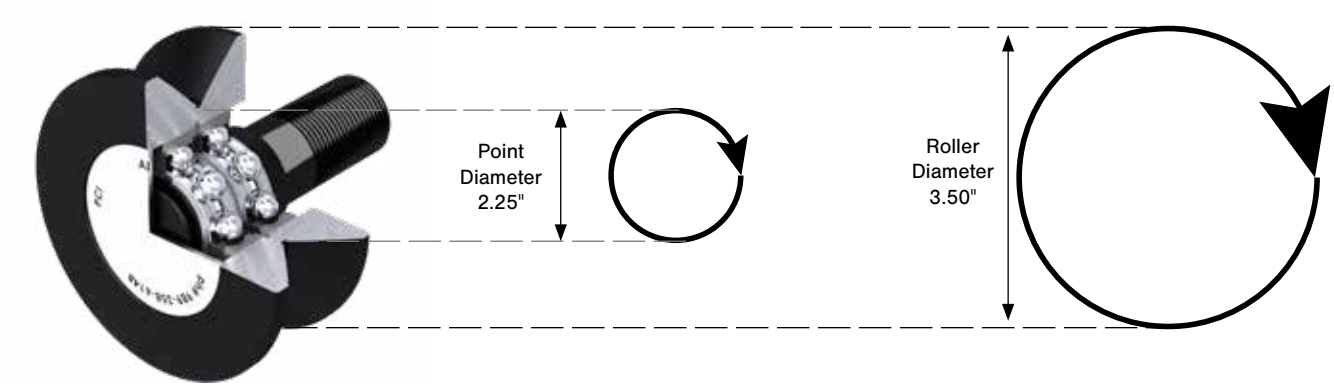
Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

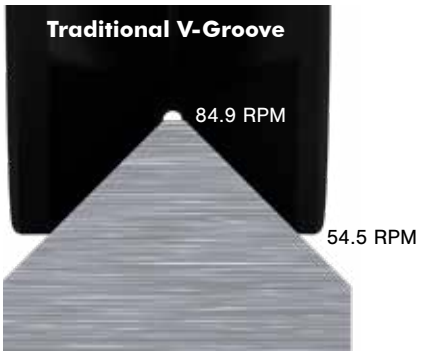
Specifications subject to change without notice.

V-Groove Rollers were initially designed for use in dirty environments and applications that require precise positioning of the carriage or mounted assembly. The angled (V-shaped) rail/track offers bi-directional guidance while naturally shedding debris to minimize buildup on the rolling surfaces. Unfortunately, the speed differential produced by traditional V-Groove roller profiles can lead to increased friction, which causes premature wear of the roller and/or the rail/track.

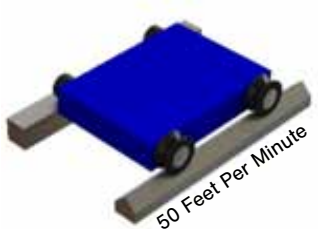
SPEED DIFFERENTIAL
The largest diameter on the tread of the v-groove has a larger circumference than the smaller point diameter. This difference in circumferences creates a surface speed differential.



SCRUBBING
This speed differential creates friction between the flat tread surfaces and the rail, resulting in a scrubbing effect.



Speed of Carriage	50 FPM
RPM of Point Diameter	84.9 RPM
RPM of Roller Diameter	54.5 RPM



UNWANTED WEAR CAUSED BY SCRUBBING
In heavy particulate environments, some degree of scrubbing can be beneficial in maintaining rail/track cleanliness, however, excessive scrubbing can lead to surface wear on both the roller body and rail/track.

DIFFICULTY OPERATING WITH TRADITIONAL V-GROOVE ROLLERS
The increased friction between the roller body and rail/track surfaces requires energy to overcome the starting inertia for carriages or trolleys with heavy loads. Additional energy is also needed to maintain momentum. Traditionally to overcome these energy requirements, the approach has been to enlarge the roller diameter. This solution results in higher costs, increased weight, and space limitations.

CVTR - TRACK ROLLERS

Crowned V-Groove Rollers

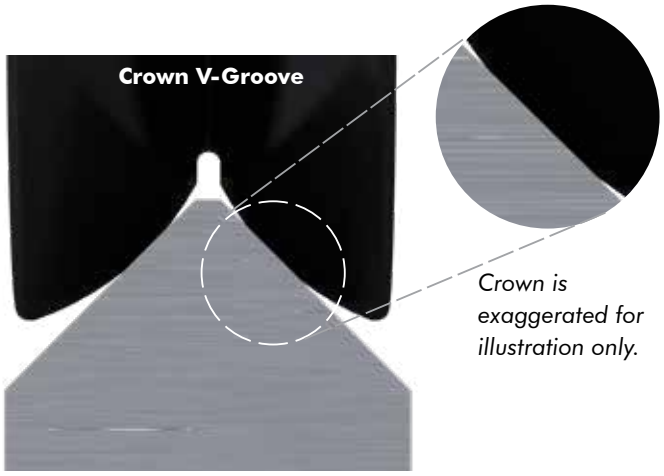
The Solution

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

PCI has been developing Load Bearing Roller Assembly solutions for more than 40 years. An integral part of our success has been our commitment to understanding the ever-changing needs of our valued customers and developing solutions that turn application hurdles into success stories. Our constant drive to provide solutions by innovating far beyond the product has fueled the development of our CVTR-Crown V-Groove Track Rollers. PCI's patented R3 (Reduced Rolling Resistance) technology significantly reduces the friction between the roller and track surface thereby decreasing scrubbing damage and energy costs.

CROWN V-SHAPE FOR PROVEN PERFORMANCE



Crown is exaggerated for illustration only.



*The above trial was conducted with a CVTR-2.00 and VTR-2.00 running at 25 ft/min under a 250lb load.

IMPROVED WEAR FROM CROWN V-SHAPE

Minimizing the contact between the roller body and the rail/track to a single point significantly reduces friction caused by the surface speed differential. This reduction in friction effectively mitigates the adverse effects of scrubbing. As a result, the CVTR roller optimizes the wear life of both interacting surfaces.

ENHANCED OPERATION WITH R3 TECHNOLOGY

The patented design of the CVTR roller reduces rolling resistance by 2.34 times as compared to traditional V-groove configurations. This crowned V-groove profile reduces energy costs, the need for increased roller diameters, and full system redesigns. CVTR lowers total cost of ownership - yet another PCI Solution Through Innovation!

Solutions Through Innovation

CVTR - TRACK ROLLERS

Crowned V-Groove Stud Type Ball Bearings

∞ | *Infinity Roller™ Technology*

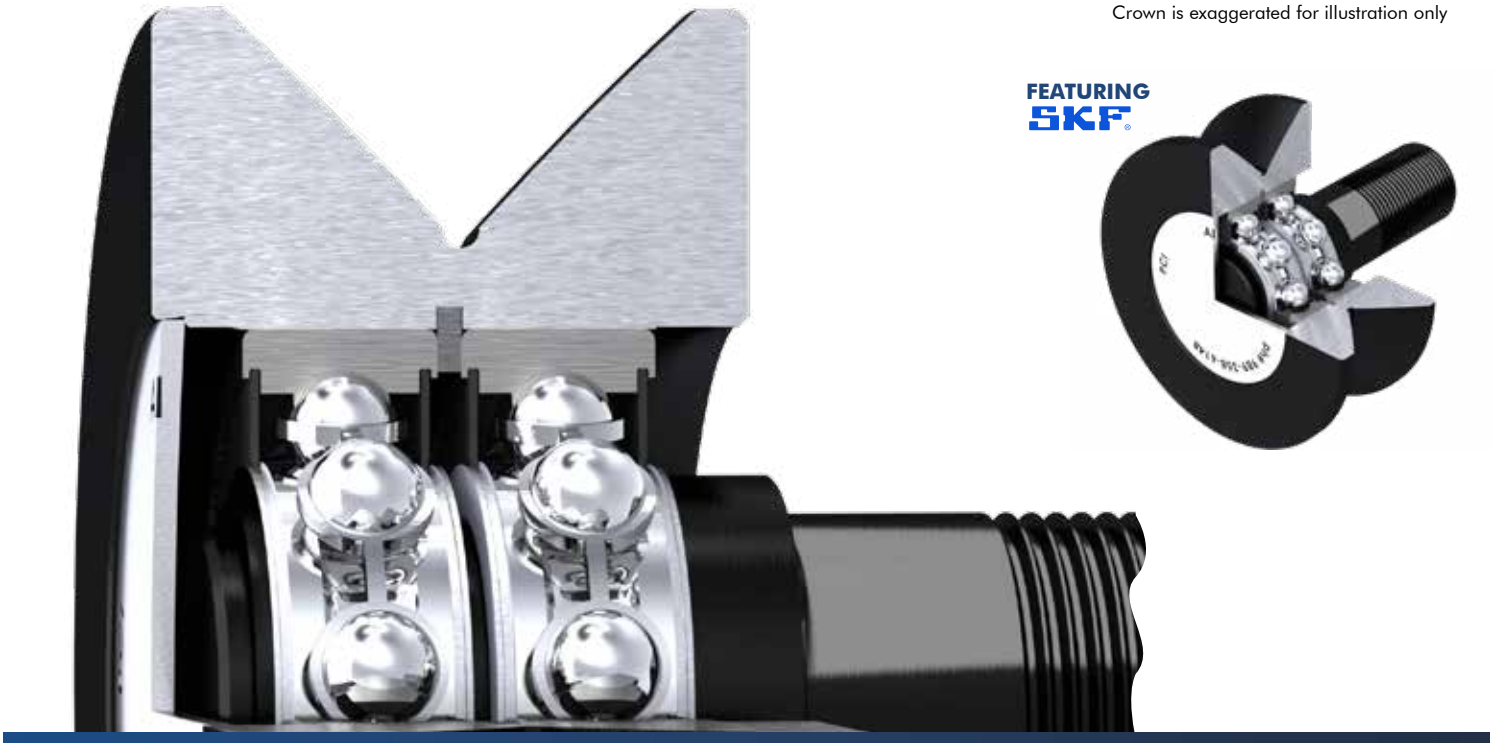
U.S. Patent Number 11,215,224

CROWNED V-BODY PROFILE
with R³ ™ design not only accommodates angled track use for thrust loads, but provides compact bi-axial guidance, reducing the need for increased roller diameters and/or full system redesign.

CROWNED DUAL DIRECTION
location provides energy savings with 2.34 times reduced rolling resistance and decreases track wear while shedding debris.

CV-SHAPE REDUCES SCRUBBING
while still maintaining a minimal distance which replicates the self-cleaning effect of traditional V-Rollers.

Crown is exaggerated for illustration only



FEATURING SKF

BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

Solutions Through Innovation

CVTR - TRACK ROLLERS

Crowned V-Groove Stud Type Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

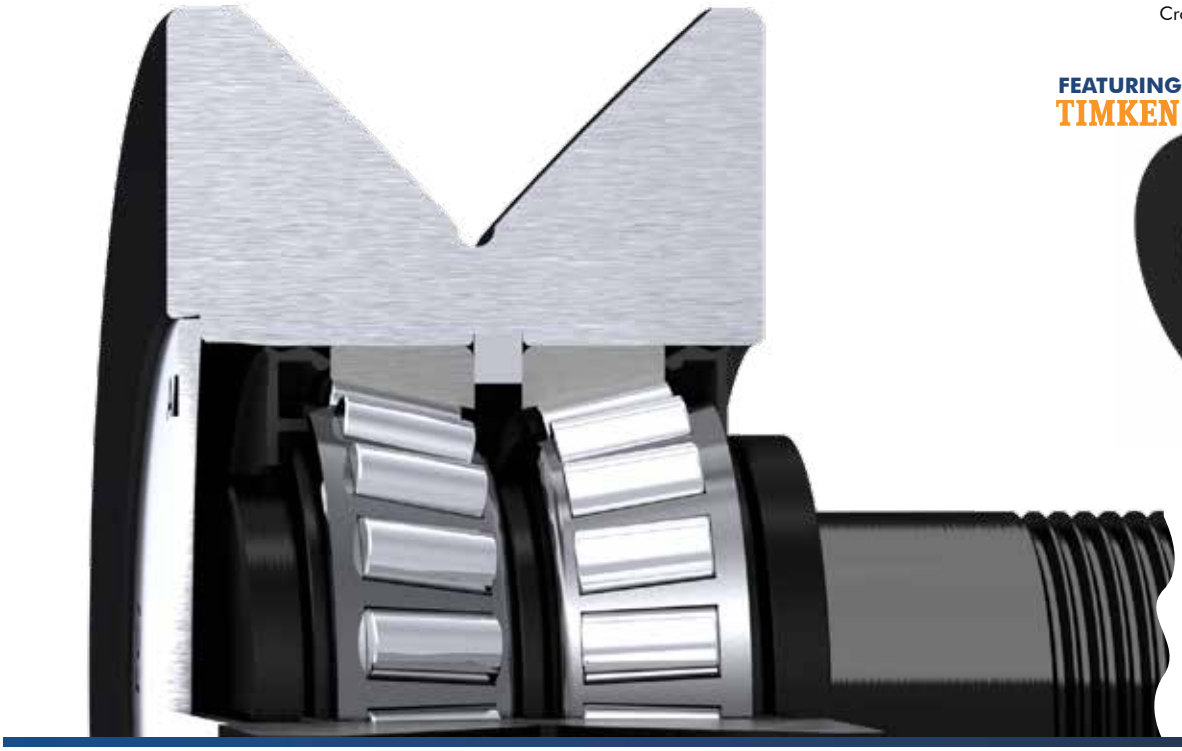
U.S. Patent Number 11,215,224

CROWNED V-BODY PROFILE
with R³ ™ design not only accommodates angled track use for thrust loads, but provides compact bi-axial guidance, reducing the need for increased roller diameters and/or full system redesign.

CROWNED DUAL DIRECTION
location provides energy savings with 2.34 times reduced rolling resistance and decreases track wear while shedding debris.

CV-SHAPE REDUCES SCRUBBING
while still maintaining a minimal distance which replicates the self-cleaning effect of traditional V-Rollers.

Crown is exaggerated for illustration only



FEATURING TIMKEN



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER DUAL LIP SEALS aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

TIMKEN TAPERED ROLLER BEARINGS
precision matched sets ensure maximum thrust load paired with moderate radial load capacity.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

CVTR – TRACK ROLLERS

Crowned V-Groove – Stud Concentric Ball & Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

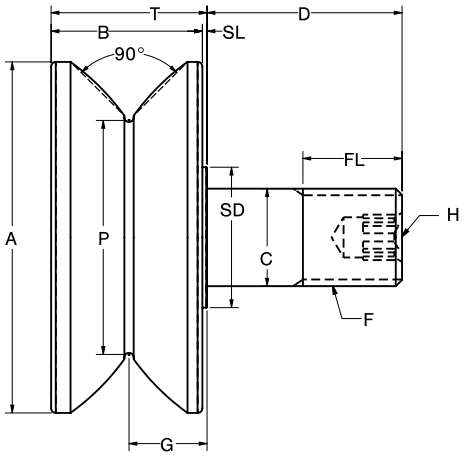
U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.				Dia.	Len.	Len. + Roller Width
CVTR-1.50	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	3/16	1.125	0.5	0.03	0.78
CVTR-2.00	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	3/16	1.375	0.6	0.03	0.84
CVTR-2.50	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	1.500	0.9	0.06	1.31
CVTR-3.50	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	2.250	1.0	0.06	1.69
CVTR-3.50E*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	2.250	0.9	0.13	1.90†
CVTR-4.50A	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.5	0.06	2.00
CVTR-4.50	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.8	0.06	2.00
CVTR-5.50A	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.5	0.06	2.00
CVTR-5.50	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.8	0.06	2.00
CVTR-6.50	6.50	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	5.000	3.0	0.06	3.00
CVTR-7.50	7.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	6.000	3.5	0.06	3.00
CVTR-8.50	8.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	7.000	3.5	0.06	3.00

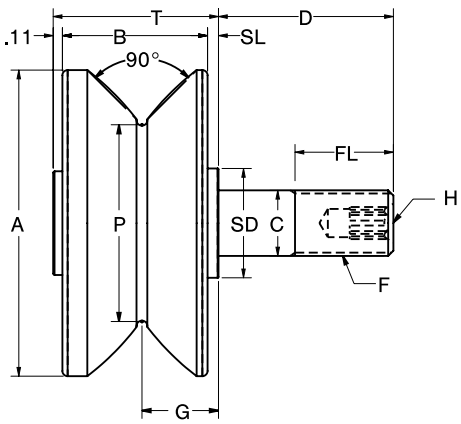
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
**CVTR-3.50E is designed with stud extending 7/64" from end of roller*
†Design does not incorporate a dust cover







CVTR 3.50E



CVTR – TRACK ROLLERS

Crowned V-Groove – Stud Concentric Ball & Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (In-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CVTR-1.50	860	430	220	110	20,000	870	470	180	NBR Lip	PREMIUM DGBB	0.33
CVTR-2.00	1,430	750	360	190	20,000	1,230	470	180	NBR Lip	PREMIUM DGBB	0.56
CVTR-2.50	2,660	1,400	670	350	19,000	1,390	550	650	NBR Lip	PREMIUM DGBB	1.31
CVTR-3.50	4,920	2,950	2,460	1,480	19,000	5,370	1,340	650	NBR Lip	PREMIUM DGBB	3.44
CVTR-3.50E	15,040	14,400	4,520	7,390	3,750	4,200	-	1,500	NBR Dual Lip	PREMIUM TRB	3.40
CVTR-4.50A	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	6.68
CVTR-4.50	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	6.88
CVTR-5.50A	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	10.82
CVTR-5.50	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	11.04
CVTR-6.50	38,060	58,400	14,350	37,660	1,550	43,630	-	1,500	NBR Dual Lip	PREMIUM TRB	27.42
CVTR-7.50	37,990	56,200	15,320	38,740	1,250	85,210	-	1,500	NBR Dual Lip	PREMIUM TRB	39.14
CVTR-8.50	37,990	56,200	15,320	38,740	1,250	85,210	-	1,500	NBR Dual Lip	PREMIUM TRB	48.68



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitve products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

Specifications subject to change without notice.

MCVTR – TRACK ROLLERS

Metric Crowned V-Groove – Stud Concentric Ball & Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

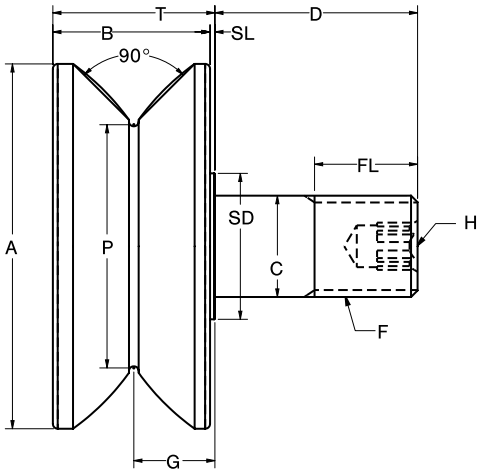
U.S. Patent Number 11,215,224

Metric Measure (mm)												
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.00 -.03	SHOULDER		
	Dia.	Width	Dia. +.00 -.03	Len.	Size	Len.				Dia.	Len.	Len. + Roller Width
MCVTR-26	40	19.2	10	23	M10 X 1	13	10	4	26	13.1	0.8	20
MCVTR-32	50	21.2	12	25	M12 X 1.5	14	11	4	32	15.9	0.8	22
MCVTR-40	60	31.4	14	40	M14 X 2	26	17	6	40	18	1.6	33
MCVTR-62	90	42.9	24	58	M24 X 3	35	23	8	62	32	1.6	45
MCVTR-62-1	90	42.9	24	50	M24 X 1.5	25	23	8	62	32	1.6	45
MCVTR-76	120	49	30	70	M30 X 3.5	40	26	12	76	44.5	1.6	50.5
MCVTR-100-1	140	49	30	70	M30 X 3.5	40	26	12	100	44.5	1.6	50.5
MCVTR-100	140	48.9	30	80	M30 X 3.5	50	26	12	100	44.5	1.6	51
MCVTR-125	165	74	48	105	M48 X 5	60	38	12	125	76.2	1.6	76

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly







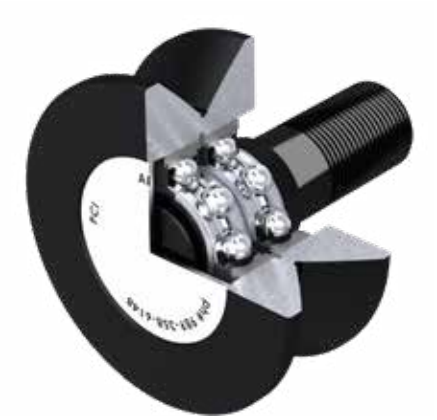
MCVTR – TRACK ROLLERS

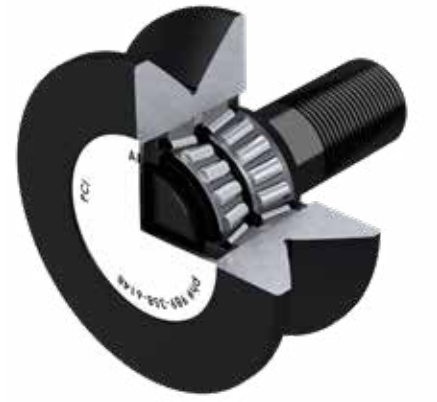
Metric Crowned V-Groove – Stud Concentric Ball & Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (N) C	Basic Radial Static Load Rating (N) C_o	Thrust Dynamic Load Rating (N)	Thrust Static Load Rating (N)	Max Speed Rating (rpm)	Stud Capacity (N)	Retaining Ring Capacity (N)	Max. Clamping Torque (Nm)*	Seal Type	Bearing Type	Approx. Roller Weight (kg)
MCVTR-26	3,790	1,910	950	480	24,000	2,280	2,090	20	NBR Lip	PREMIUM DGBB	0.23
MCVTR-32	6,330	3,320	1,580	830	19,000	4,100	2,090	20	NBR Lip	PREMIUM DGBB	0.26
MCVTR-40	11,800	6,210	2,950	1,550	15,000	6,240	2,440	20	NBR Lip	PREMIUM DGBB	0.53
MCVTR-62	23,980	15,610	11,990	7,810	8,500	29,270	5,960	68	NBR Lip	PREMIUM DGBB	1.79
MCVTR-62-1	23,980	15,610	11,990	7,810	8,500	29,270	5,960	68	NBR Lip	PREMIUM DGBB	1.9
MCVTR-76	79,810	88,970	32,950	62,800	2,490	51,130	-	136	NBR Dual Lip	PREMIUM TRB	3.3
MCVTR-100-1	79,810	88,970	32,950	62,800	2,490	51,130	-	136	NBR Dual Lip	PREMIUM TRB	4.8
MCVTR-100	79,810	88,970	32,950	62,800	2,490	51,130	-	136	NBR Dual Lip	PREMIUM TRB	4.8
MCVTR-125	169,290	259,780	63,830	167,480	1,550	140,610	-	136	NBR Dual Lip	PREMIUM TRB	11.6





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitve products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

Specifications subject to change without notice.

CVTR-R – TRACK ROLLERS

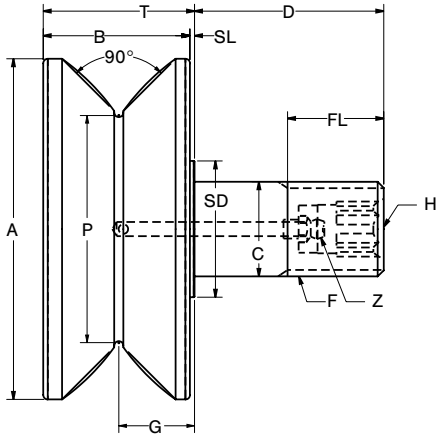
Crowned V-Groove – Stud Concentric
Ball & Tapered Roller Bearings - Regreasable
∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

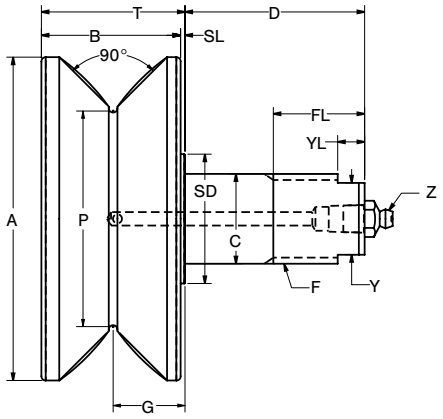
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER			WRENCH FLAT		Lube Size
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.				Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
CVTR-1.50-R	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	-	1.125	0.5	0.03	0.78	0.312	0.250	1/8 Drive
CVTR-2.00-R	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	-	1.375	0.6	0.03	0.84	0.375	0.250	1/8 Drive
CVTR-2.50-R	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	-	1.500	0.9	0.06	1.31	0.625	0.375	1/8-27 NPT
CVTR-3.50-R	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	-	2.250	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CVTR-3.50E-R*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	2.250	0.9	0.13	1.90†	-	-	1/4-28 UNF
CVTR-4.50A-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	3.000	1.5	0.06	2.00	-	-	1/4-28 UNF
CVTR-4.50-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	3.000	1.8	0.06	2.00	-	-	1/4-28 UNF
CVTR-5.50A-R	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	5/8	4.000	1.5	0.06	2.00	-	-	1/4-28 UNF
CVTR-5.50-R	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	5/8	4.000	1.8	0.06	2.00	-	-	1/4-28 UNF
CVTR-6.50-R	6.50	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	5.000	3.0	0.06	3.00	-	-	1/4-28 UNF
CVTR-7.50-R	7.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	6.000	3.5	0.06	3.00	-	-	1/4-28 UNF
CVTR-8.50-R	8.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	7.000	3.5	0.06	3.00	-	-	1/4-28 UNF

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
**CVTR-3.50E-R is designed with stud extending 7/64" from end of roller*
†Design does not incorporate a dust cover

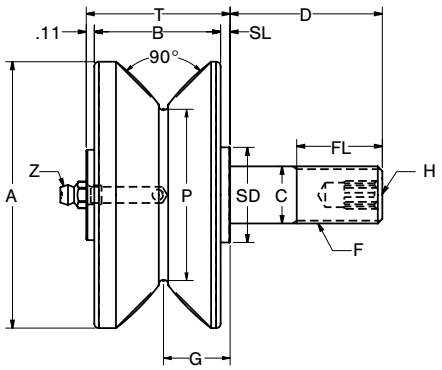




CVTR 3.50E-R



THROUGH CVTR 3.50R



CVTR 4.50" ROLLER DIA. AND LARGER

Solutions Through Innovation

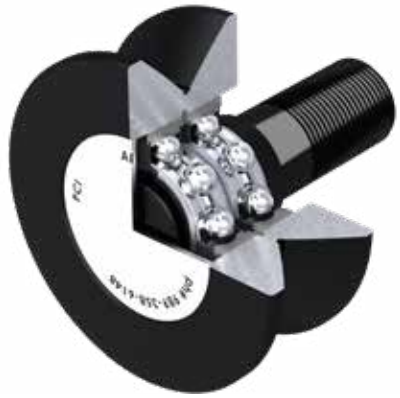
CVTR-R – TRACK ROLLERS

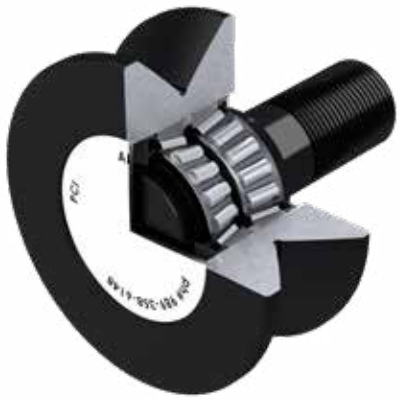
Crowned V-Groove – Stud Concentric Ball & Tapered Roller Bearings - Regreasable

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (In-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CVTR-1.50-R	860	430	220	110	20,000	870	470	180	NBR Lip	PREMIUM DGBB	0.33
CVTR-2.00-R	1,430	750	360	190	20,000	1,230	470	180	NBR Lip	PREMIUM DGBB	0.56
CVTR-2.50-R	2,660	1,400	670	350	19,000	1,390	550	650	NBR Lip	PREMIUM DGBB	1.31
CVTR-3.50-R	4,920	2,950	2,460	1,480	19,000	5,370	1,340	650	NBR Lip	PREMIUM DGBB	3.44
CVTR-3.50E-R	15,040	14,400	4,520	7,390	3,750	4,200	-	1,500	NBR Dual Lip	PREMIUM TRB	3.40
CVTR-4.50A-R	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	6.85
CVTR-4.50-R	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	6.88
CVTR-5.50A-R	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	10.82
CVTR-5.50-R	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	11.04
CVTR-6.50-R	38,060	58,400	14,350	37,660	1,550	43,630	-	1,500	NBR Dual Lip	PREMIUM TRB	27.42
CVTR-7.50-R	37,990	56,200	15,320	38,740	1,250	85,210	-	1,500	NBR Dual Lip	PREMIUM TRB	39.14
CVTR-8.50-R	37,990	56,200	15,320	38,740	1,250	85,210	-	1,500	NBR Dual Lip	PREMIUM TRB	48.68





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitve products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

Specifications subject to change without notice.

CVTRE - TRACK ROLLERS

Crowned V-Groove – Stud Eccentric Ball & Tapered Roller Bearings

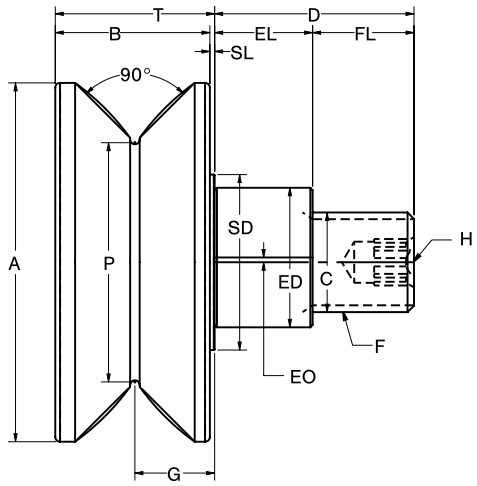
∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

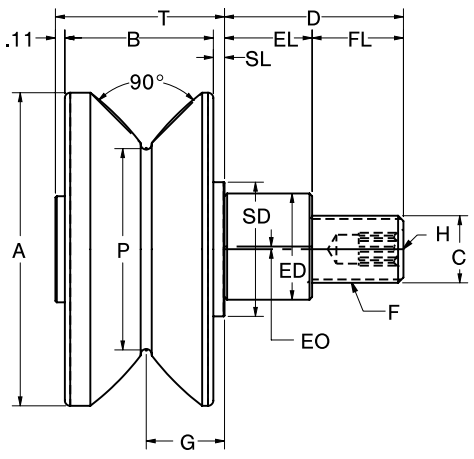
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	LEN.				Dia.	Len.	Len. + Roller Width
CVTRE-1.50	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.39	3/16	1.125	0.7	0.03	0.78
CVTRE-2.00	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.42	3/16	1.375	0.8	0.03	0.84
CVTRE-2.50	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	5/16	1.500	1.3	0.06	1.31
CVTRE-3.50	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	5/16	2.250	1.5	0.06	1.69
CVTRE-3.50E*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.02	0.88	5/16	2.250	1.5	0.13	1.90†
CVTRE-4.50A	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	3.000	2.2	0.06	2.00
CVTRE-4.50	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	3.000	2.2	0.06	2.20
CVTRE-5.50A	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	1/2	4.000	2.2	0.06	2.00
CVTRE-5.50	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	1/2	4.000	2.2	0.06	2.00
CVTRE-6.50	6.50	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	1.50	5/8	5.000	3.3	0.06	3.00
CVTRE-7.50	7.50	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	1.50	5/8	6.000	3.6	0.06	3.00

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
**CVTRE-3.50E is designed with stud extending 7/64" from end of roller*
†Design does not incorporate a dust cover





CVTRE



*CVTRE-3.50E**

Solutions Through Innovation

CVTRE - TRACK ROLLERS

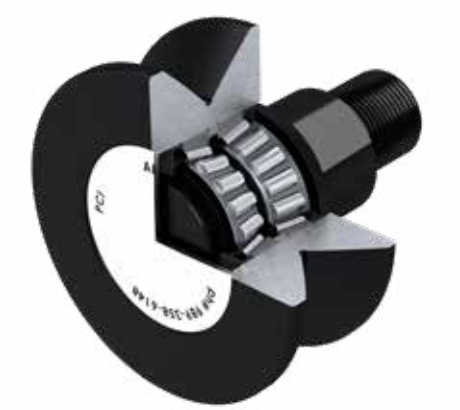
Crowned V-Groove – Stud Eccentric Ball & Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (In-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CVTRE-1.50	860	430	220	110	20,000	870	470	250	NBR Lip	PREMIUM DGBB	0.36
CVTRE-2.00	1,430	750	360	190	20,000	1,230	470	250	NBR Lip	PREMIUM DGBB	0.59
CVTRE-2.50	2,660	1,400	670	350	19,000	1,390	550	650	NBR Lip	PREMIUM DGBB	1.38
CVTRE-3.50	4,920	2,950	2,460	1,480	19,000	5,370	1,340	650	NBR Lip	PREMIUM DGBB	3.49
CVTRE-3.50E	15,040	14,400	4,520	7,390	3,750	4,200	-	1,500	NBR Dual Lip	PREMIUM TRB	3.51
CVTRE-4.50A	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	7.31
CVTRE-4.50	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	7.36
CVTRE-5.50A	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	11.24
CVTRE-5.50	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	11.33
CVTRE-6.50	38,060	58,400	14,350	37,660	1,550	43,630	-	1,500	NBR Dual Lip	PREMIUM TRB	28.81
CVTRE-7.50	37,990	56,200	15,320	38,740	1,250	85,210	-	1,500	NBR Dual Lip	PREMIUM TRB	41.17





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitve products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

Specifications subject to change without notice.

MCVTRE - TRACK ROLLERS

Metric Crowned V-Groove – Stud Eccentric Ball & Tapered Roller Bearings

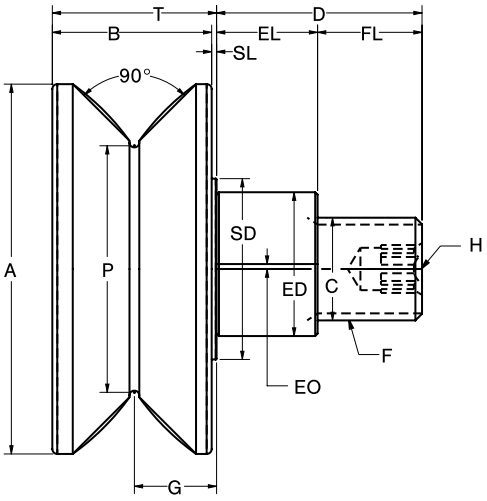
∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

Metric Measure (mm)															
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.00 -.03	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia +.00 -.05	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width
MCVTRE-26	40	19.2	10	23	13	10	0.5	M10 X 1	13	10	4	26	17.1	0.8	20
MCVTRE-32	50	21.2	12	25	15	11	0.5	M12 X 1.5	14	11	4	32	17.5	0.8	22
MCVTRE-40	60	31.4	14	40	22	13	1	M14 X 2	26	17	6	40	28.5	1.6	33
MCVTRE-62	90	42.9	24	58	28	20	1.5	M24 X 3	35	23	8	62	43	1.6	45
MCVTRE-62-1	90	42.9	20	50	28	22	1	M20 X 1.5	25	23	8	62	43	1.6	45
MCVTRE-76	120	49	24	70	35	29	2	M24 X 1.5	40	26	12	76	50	1.6	50.5
MCVTRE-100-1	140	49	24	70	35	29	2	M24 X 1.5	40	26	12	100	50	1.6	50.5
MCVTRE-100	140	48.9	24	80	35	29	2	M24 X 1.5	50	26	12	100	50	1.6	51
MCVTRE-125	165	74	48	105	64	50	2	M48 X 5	60	38	12	125	89	1.6	76

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





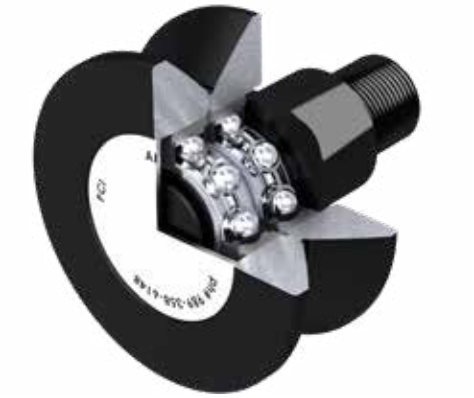
MCVTRE - TRACK ROLLERS

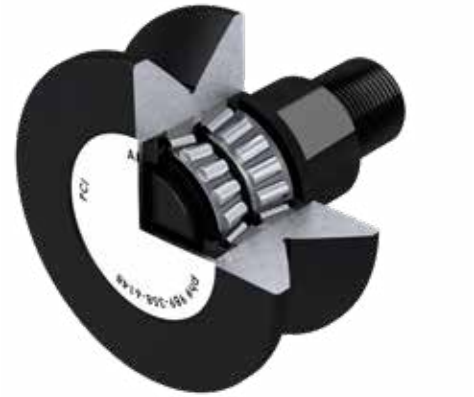
Metric Crowned V-Groove – Stud Eccentric Ball & Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (N) C	Basic Radial Static Load Rating (N) C_o	Thrust Dynamic Load Rating (N)	Thrust Static Load Rating (N)	Max Speed Rating (rpm)	Stud Capacity (N)	Retaining Ring Capacity (N)	Max. Clamping Torque (Nm)*	Seal Type	Bearing Type	Approx. Roller Weight (kg)
MCVTRE-26	3,790	1,910	950	480	24,000	2,280	2,090	20	NBR Lip	PREMIUM DGBB	0.23
MCVTRE-32	6,330	3,320	1,580	830	19,000	4,100	2,090	20	NBR Lip	PREMIUM DGBB	0.26
MCVTRE-40	11,800	6,210	2,950	1,550	15,000	6,080	2,440	20	NBR Lip	PREMIUM DGBB	0.53
MCVTRE-62	23,980	15,610	11,990	7,810	8,500	29,270	5,960	68	NBR Lip	PREMIUM DGBB	1.79
MCVTRE-62-1	23,980	15,610	11,990	7,810	8,500	29,270	5,960	68	NBR Lip	PREMIUM DGBB	1.9
MCVTRE-76	79,810	88,970	32,950	62,800	2,490	26,180	-	136	NBR Dual Lip	PREMIUM TRB	3.3
MCVTRE-100-1	79,810	88,970	32,950	62,800	2,490	26,180	-	136	NBR Dual Lip	PREMIUM TRB	4.8
MCVTRE-100	79,810	88,970	32,950	62,800	2,490	26,180	-	136	NBR Dual Lip	PREMIUM TRB	4.8
MCVTRE-125	169,290	259,780	63,830	167,480	1,550	140,610	-	136	NBR Dual Lip	PREMIUM TRB	11.6





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitve products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

Specifications subject to change without notice.

CVTRE-R – TRACK ROLLERS

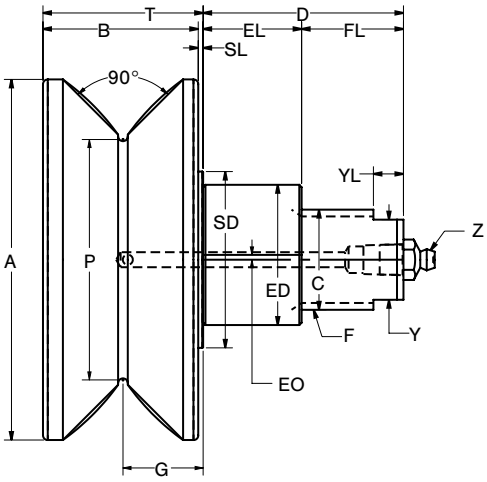
Crowned V-Groove – Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable
∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

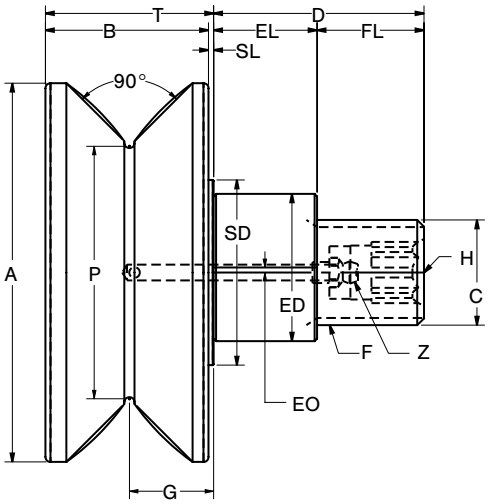
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER			WRENCH FLAT		Lube Size
	Dia.	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
CVTRE-1.50-R	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.39	-	1.125	0.7	0.03	0.78	0.312	0.250	1/8 Drive
CVTRE-2.00-R	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.42	-	1.375	0.8	0.03	0.84	0.375	0.250	1/8 Drive
CVTRE-2.50-R	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	-	1.500	1.3	0.06	1.31	0.625	0.375	1/8-27 NPT
CVTRE-3.50-R	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	-	2.250	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CVTRE-3.50E-R*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.02	0.88	5/16	2.250	1.5	0.13	1.90†	-	-	1/4-28 UNF
CVTRE-4.50A-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	5/8	3.000	2.2	0.06	2.00	-	-	1/4-28 UNF
CVTRE-4.50-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	5/8	3.000	2.2	0.06	2.20	-	-	1/4-28 UNF
CVTRE-5.50A-R	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	5/8	4.000	2.2	0.06	2.00	-	-	1/4-28 UNF
CVTRE-5.50-R	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	5/8	4.000	2.2	0.06	2.00	-	-	1/4-28 UNF
CVTRE-6.50-R	6.50	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	1.50	5/8	5.000	3.3	0.06	3.00	-	-	1/4-28 UNF
CVTRE-7.50-R	7.50	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	1.50	5/8	6.000	3.6	0.06	3.00	-	-	1/4-28 UNF

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
**CVTRE-3.50E-R is designed with stud extending 7/64" from end of roller*
†Design does not incorporate a dust cover

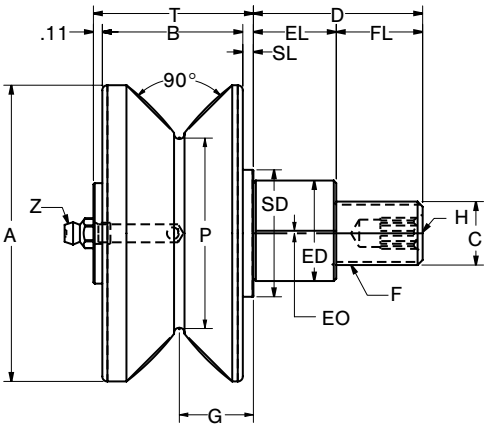




THROUGH CVTRE-3.50-R



4.50" ROLLER DIA. AND LARGER



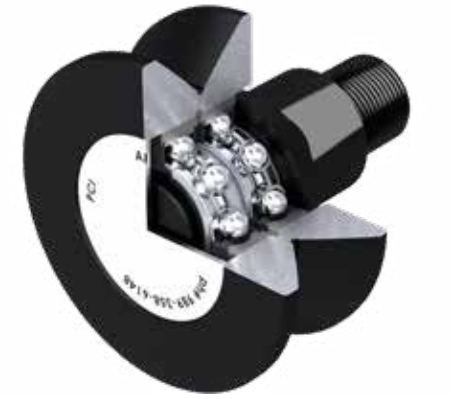
*CVTRE-3.50E-R**

CVTRE-R – TRACK ROLLERS

Crowned V-Groove – Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable
∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (In-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CVTRE-1.50-R	860	430	220	110	20,000	870	470	250	NBR Lip	PREMIUM DGBB	0.36
CVTRE-2.00-R	1,430	750	360	190	20,000	1,230	470	250	NBR Lip	PREMIUM DGBB	0.59
CVTRE-2.50-R	2,660	1,400	670	350	19,000	1,390	550	650	NBR Lip	PREMIUM DGBB	1.38
CVTRE-3.50-R	4,920	2,950	2,460	1,480	19,000	5,370	1,340	650	NBR Lip	PREMIUM DGBB	3.49
CVTRE-3.50E-R	15,040	14,400	4,520	7,390	3,750	4,200	-	1,500	NBR Dual Lip	PREMIUM TRB	3.51
CVTRE-4.50A-R	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	7.31
CVTRE-4.50-R	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	7.36
CVTRE-5.50A-R	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	11.24
CVTRE-5.50-R	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	11.33
CVTRE-6.50-R	38,060	58,400	14,350	37,660	1,550	43,630	-	1,500	NBR Dual Lip	PREMIUM TRB	28.81
CVTRE-7.50-R	37,990	56,200	15,320	38,740	1,250	85,210	-	1,500	NBR Dual Lip	PREMIUM TRB	41.17





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitve products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

Specifications subject to change without notice.

Solutions Through Innovation

CVTRY - TRACK ROLLERS

Crowned V-Groove – Yoke Type Ball Bearings

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

CROWNED V-BODY PROFILE
with R^3 ™ design not only accommodates angled track use for thrust loads, but provides compact bi-axial guidance, reducing the need for increased roller diameters and/or full system redesign.

CROWNED DUAL DIRECTION
location provides energy savings with 2.34 times reduced rolling resistance and decreases track wear while shedding debris.

CV-SHAPE REDUCES SCRUBBING
while still maintaining a minimal distance which replicates the self-cleaning effect of traditional V-Rollers.

Crown is exaggerated for illustration only



FEATURING SKF



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

EASY INSTALLATION slip fit bore is designed for use with positive end clamping force without thrust loading the ball bearings.

CVTRY - TRACK ROLLERS

Crowned V-Groove – Yoke Type Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

CROWNED V-BODY PROFILE
with R³ ™ design not only accommodates angled track use for thrust loads, but provides compact bi-axial guidance, reducing the need for increased roller diameters and/or full system redesign.

CROWNED DUAL DIRECTION
location provides energy savings with 2.34 times reduced rolling resistance and decreases track wear while shedding debris.

CV-SHAPE REDUCES SCRUBBING
while still maintaining a minimal distance which replicates the self-cleaning effect of traditional V-Rollers.

Crown is exaggerated for illustration only



FEATURING TIMKEN



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER DUAL LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

TIMKEN TAPERED ROLLER BEARINGS
precision matched sets ensure maximum thrust load paired with moderate radial load capacity.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

EASY INSTALLATION slip fit bore is designed for use with positive end clamping force without thrust loading the ball bearings.

CVTRY – TRACK ROLLERS

Crowned V-Groove – Yoke
Ball & Tapered Roller Bearings
∞ | *Infinity Roller™ Technology*

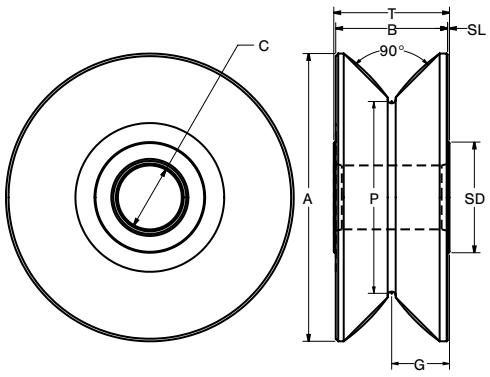
U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T
	ROLLER		Bore Dia. +.0007 -.0000	Groove Center	Point Dia. +.000 -.001	SHOULDER		Inner Race Width +.005 -.010
	Dia.	Width				Dia.	Len.	
CVTRY-1.50	1.50	0.630	0.3130	0.34	1.063	0.6	0.03	0.688
CVTRY-1.75	1.75	0.750	0.3755	0.41	1.313	0.6	0.03	0.813
CVTRY-2.00	2.00	0.880	0.4380	0.44	1.500	0.9	0.03	0.938
CVTRY-2.50-9	2.50	0.880	0.4380	0.47	1.750	0.9	0.03	0.938
CVTRY-2.50	2.50	1.250	0.6255	0.66	2.000	1.1	0.03	1.313
CVTRY-3.00	3.00	1.250	0.6255	0.66	2.060	1.1	0.03	1.313
CVTRY-3.50-9	3.50	1.500	0.7505	0.78	2.250	1.2	0.03	1.563
CVTRY-3.50	3.50	1.625	0.7505	0.84	2.250	1.2	0.03	1.687
CVTRY-3.75A	3.75	1.500	0.7505	0.78	2.500	1.2	0.03	1.563
CVTRY-3.75	3.75	1.500	0.7505	0.78	2.500	1.3	0.03	1.563
CVTRY-4.50A	4.50	1.750	1.0005	0.91	3.000	1.8	0.03	1.813
CVTRY-4.50	4.50	1.750	1.0005	0.91	3.000	1.8	0.03	1.813
CVTRY-5.00A	5.00	2.000	1.1255	1.03	3.500	2.0	0.03	2.063
CVTRY-5.00	5.00	2.000	1.1255	1.03	3.500	2.0	0.03	2.063
CVTRY-5.50A	5.50	2.250	1.2505	1.16	4.000	2.0	0.03	2.313
CVTRY-5.50	5.50	2.250	1.2505	1.16	4.000	2.0	0.03	2.313
CVTRY-6.50	6.50	2.750	1.7508	1.44	5.000	3.2	0.06	2.875
CVTRY-7.50	7.50	3.250	2.2508	1.69	6.000	3.5	0.06	3.375
CVTRY-8.50	8.50	3.750	2.7508	1.94	7.000	4.1	0.06	3.875
CVTRY-9.50	9.50	4.250	3.2560	2.25	8.000	4.7	0.13	4.500
CVTRY-10.50	10.50	4.750	3.7560	2.50	9.000	5.3	0.13	5.000
CVTRY-11.50	11.50	5.250	4.2560	2.75	10.000	6.5	0.13	5.500

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312	YSHE-.312
YSH-.375	YSHE-.375
YSH-.437	YSHE-.437
YSH-.437	YSHE-.437
YSH-.625	YSHE-.625
YSH-.625	YSHE-.625
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-1.000	YSHE-1.000
YSH-1.000	YSHE-1.000
YSH-1.125	YSHE-1.125
YSH-1.125	YSHE-1.125
YSH-1.250	YSHE-1.250
YSH-1.250	YSHE-1.250
YSH-1.750	YSHE-1.750
YSH-2.250	YSHE-2.250
YSH-2.750	YSHE-2.750
YSH-3.250	-
YSH-3.750	-
YSH-4.250	-

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly





Solutions Through Innovation

CVTRY – TRACK ROLLERS

Crowned V-Groove – Yoke

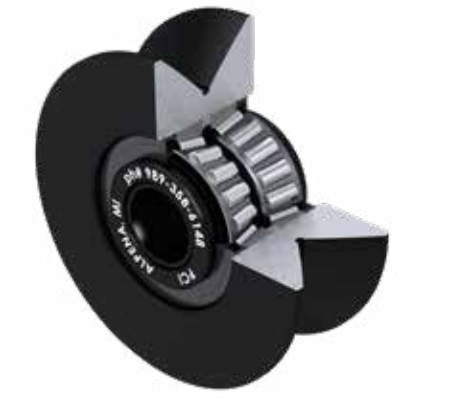
Ball & Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (Lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CVTRY-1.50	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.2
CVTRY-1.75	1,060	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.35
CVTRY-2.00	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.54
CVTRY-2.50-9	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.82
CVTRY-2.50	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.3
CVTRY-3.00	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.69
CVTRY-3.50-9	4,340	2,950	2,170	1,480	9,500	NBR Lip	PREMIUM DGBB	2.53
CVTRY-3.50	4,340	2,950	2,170	1,480	9,500	NBR Lip	PREMIUM DGBB	2.7
CVTRY-3.75A	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	3.05
CVTRY-3.75	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	3.08
CVTRY-4.50A	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	4.88
CVTRY-4.50	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	5.12
CVTRY-5.00A	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	7.48
CVTRY-5.00	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	7.61
CVTRY-5.50A	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	11.06
CVTRY-5.50	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	11.56
CVTRY-6.50	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	20.4
CVTRY-7.50	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	31.14
CVTRY-8.50	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	45.37
CVTRY-9.50	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	64.81
CVTRY-10.50	142,470	167,000	57,860	115,980	760	NBR Lip	PREMIUM TRB	88.12
CVTRY-11.50	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	115.79





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitve products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

Specifications subject to change without notice.

MCVTRY – TRACK ROLLERS

Metric Crowned V-Groove – Yoke
Ball & Tapered Roller Bearings
∞ | *Infinity Roller™ Technology*

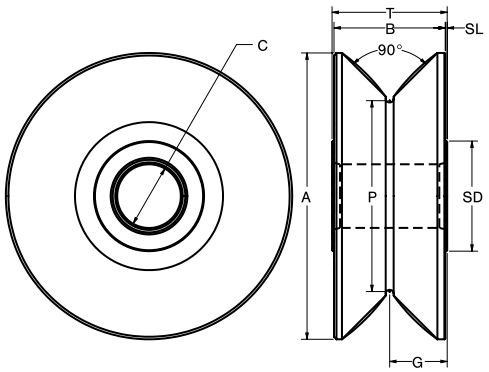
U.S. Patent Number 11,215,224

Metric Measure (mm)									OPTIONAL PCI YOKE SHAFT	
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T	Concentric Shaft	Eccentric Shaft
	ROLLER		Bore Dia. +.02 -.00	Groove Center	Point Dia. +.00 -.03	SHOULDER		Inner Race Width +.13 -.25		
	Dia.	Width				Dia.	Len.			
MCVTRY-40	60	22	10	12	40	22	0.5	23	MYSH-10	MYSHE-10
MCVTRY-50	75	32	15	17	50	28	0.5	33	MYSH-15	MYSHE-15
MCVTRY-62	90	38	19	20	62	35	1	40	MYSH-19	MYSHE-19
MCVTRY-62-1	90	38	20	20	62	35	1	40	MYSH-20	MYSHE-20
MCVTRY-62E	90	38	20	20	62	32	1	40	MYSH-20	MYSHE-20
MCVTRY-76	110	44	25	23	76	45	1	46	MYSH-25	MYSHE-25
MCVTRY-100	140	54	30	28	100	57	1	56	MYSH-30	MYSHE-30
MCVTRY-125	165	68	45	36	125	83	1.5	71	MYSH-45	MYSHE-45
MCVTRY-150	190	70	55	37	150	89	1.5	73	MYSH-55	MYSHE-55
MCVTRY-200	240	76	70	40	200	108	1.5	79	MYSH-70	MYSHE-70
MCVTRY-250	290	76	70	40	250	108	1.5	79	MYSH-70	MYSHE-70

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly







MCVTRY – TRACK ROLLERS

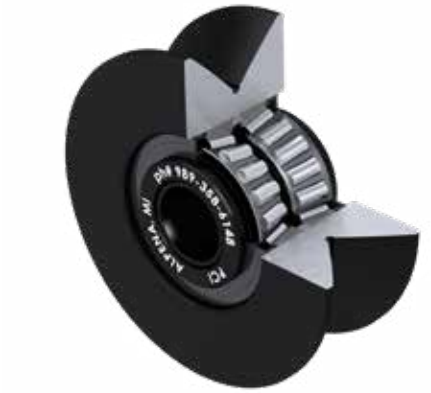
Metric Crowned V-Groove – Yoke Ball & Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (N) C	Basic Radial Static Load Rating (N) C_o	Thrust Dynamic Load Rating (N)	Thrust Static Load Rating (N)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (kg)
MCVTRY-40	7,490	5,100	3,750	2,550	14,000	NBR Lip	PREMIUM DGBB	0.29
MCVTRY-50	16,130	10,000	8,070	5,000	11,000	NBR Lip	PREMIUM DGBB	0.70
MCVTRY-62	19,280	13,100	9,640	6,550	9,500	NBR Lip	PREMIUM DGBB	1.25
MCVTRY-62-1	19,280	13,100	9,640	6,550	9,500	NBR Lip	PREMIUM DGBB	1.24
MCVTRY-62E	58,630	65,840	22,820	42,100	2,100	NBR Dual Lip	PREMIUM TRB	1.50
MCVTRY-76	79,810	88,970	32,950	62,800	2,490	NBR Dual Lip	PREMIUM TRB	2.16
MCVTRY-100	83,030	121,000	27,630	68,840	2,140	NBR Dual Lip	PREMIUM TRB	4.60
MCVTRY-125	169,290	259,780	63,830	167,480	1,550	NBR Dual Lip	PREMIUM TRB	8.49
MCVTRY-150	168,990	250,000	68,120	172,310	1,250	NBR Dual Lip	PREMIUM TRB	11.33
MCVTRY-200	298,080	366,000	87,170	183,000	4,800	Steel Shield	PREMIUM TRB	20.18
MCVTRY-250	298,080	366,000	87,170	183,000	4,800	Steel Shield	PREMIUM TRB	31.87





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitve products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

Specifications subject to change without notice.

Solutions Through Innovation

CVTRY-R – TRACK ROLLERS

Crowned V-Groove – Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ | *Infinity Roller™ Technology*

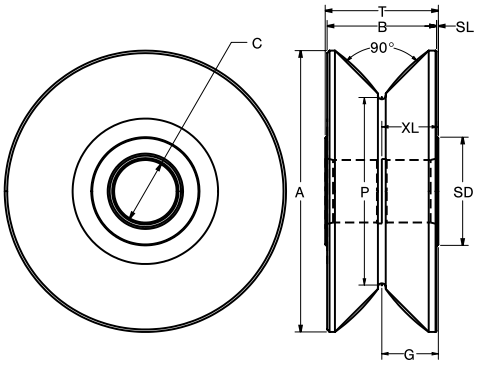
U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER					SHOULDER					
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Point Dia. +.000 -.001	Dia.	Len.	Inner Race Width +.005 -.010	Grease Groove Location	Concentric Shaft	Eccentric Shaft
CVTRY-1.50-R	1.50	0.630	0.3130	0.34	1.063	0.6	0.03	0.688	0.34	YSH-.312-R	YSHE-.312-R
CVTRY-1.75-R	1.75	0.750	0.3755	0.41	1.313	0.6	0.03	0.813	0.41	YSH-.375-R	YSHE-.375-R
CVTRY-2.00-R	2.00	0.880	0.4380	0.44	1.500	0.9	0.03	0.938	0.44	YSH-.437-R	YSHE-.437-R
CVTRY-2.50-9-R	2.50	0.880	0.4380	0.47	1.750	0.9	0.03	0.937	0.47	YSH-.437-R	YSHE-.437-R
CVTRY-2.50-R	2.50	1.250	0.6255	0.66	2.000	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
CVTRY-3.00-R	3.00	1.250	0.6255	0.66	2.060	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
CVTRY-3.50-9-R	3.50	1.500	0.7505	0.78	2.250	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
CVTRY-3.50-R	3.50	1.625	0.7505	0.84	2.250	1.2	0.03	1.687	0.78	YSH-.750-R	YSHE-.750-R
CVTRY-3.75A-R	3.75	1.500	0.7505	0.78	2.500	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
CVTRY-3.75-R	3.75	1.500	0.7505	0.78	2.500	1.3	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
CVTRY-4.50A-R	4.50	1.750	1.0005	0.91	3.000	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
CVTRY-4.50-R	4.50	1.750	1.0005	0.91	3.000	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
CVTRY-5.00A-R	5.00	2.000	1.1255	1.03	3.500	2.0	0.03	2.063	1.03	YSH-1.125-R	YSHE-1.125-R
CVTRY-5.00-R	5.00	2.000	1.1255	1.03	3.500	2.0	0.03	2.063	1.03	YSH-1.125-R	YSHE-1.125-R
CVTRY-5.50A-R	5.50	2.250	1.2505	1.16	4.000	2.0	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R
CVTRY-5.50-R	5.50	2.250	1.2505	1.16	4.000	2.0	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R
CVTRY-6.50-R	6.50	2.750	1.7508	1.44	5.000	3.2	0.06	2.875	1.44	YSH-1.750-R	YSHE-1.750-R
CVTRY-7.50-R	7.50	3.250	2.2508	1.69	6.000	3.5	0.06	3.375	1.69	YSH-2.250-R	YSHE-2.250-R
CVTRY-8.50-R	8.50	3.750	2.7508	1.94	7.000	4.1	0.06	3.875	1.94	YSH-2.750-R	YSHE-2.750-R
CVTRY-9.50-R	9.50	4.250	3.2560	2.25	8.000	4.7	0.13	4.500	2.25	YSH-3.250-R	-
CVTRY-10.50-R	10.50	4.750	3.7560	2.50	9.000	5.3	0.13	5.000	2.50	YSH-3.750-R	-
CVTRY-11.50-R	11.50	5.250	4.2560	2.75	10.000	6.5	0.13	5.500	2.75	YSH-4.250-R	-

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly







CVTRY-R – TRACK ROLLERS

Crowned V-Groove – Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CVTRY-1.50-R	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.2
CVTRY-1.75-R	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.35
CVTRY-2.00-R	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.54
CVTRY-2.50-9-R	1,690	1,150	770	290	14,000	NBR Lip	PREMIUM DGBB	0.82
CVTRY-2.50-R	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.3
CVTRY-3.00-R	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.69
CVTRY-3.50-9-R	4,340	2,950	2,170	1,480	9,500	NBR Lip	PREMIUM DGBB	2.53
CVTRY-3.50-R	4,340	2,950	2,170	1,480	9,500	NBR Lip	PREMIUM DGBB	2.7
CVTRY-3.75A-R	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	3.05
CVTRY-3.75-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	3.08
CVTRY-4.50A-R	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	4.88
CVTRY-4.50-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	5.12
CVTRY-5.00A-R	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	7.48
CVTRY-5.00-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	7.61
CVTRY-5.50A-R	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	11.06
CVTRY-5.50-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	11.56
CVTRY-6.50-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	20.4
CVTRY-7.50-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	31.14
CVTRY-8.50-R	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	45.37
CVTRY-9.50-R	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	64.81
CVTRY-10.50-R	142,470	167,000	57,860	115,980	760	NBR Lip	PREMIUM TRB	88.12
CVTRY-11.50-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	115.79



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitve products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

Specifications subject to change without notice.

Solutions Through Innovation

TRACK ROLLERS

VTR – V-Groove – Stud Type Ball Bearings

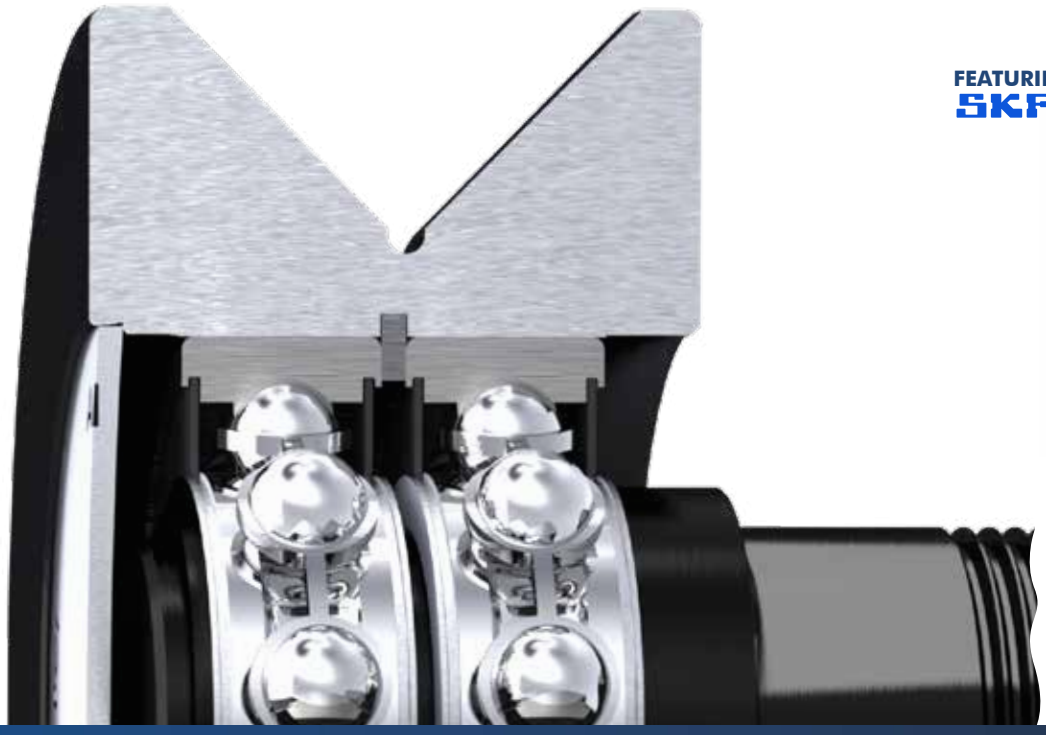
∞| Infinity Roller™ Technology

V-GROOVE BODY PROFILE
with industry leading tolerances allows for angled track use to accommodate thrust loads.

V-SHAPED DUAL DIRECTION
location on v-shaped tracks naturally sheds debris to reduce rolling surface buildup.

V-SHAPE "SCRUBS"
to provide a self-cleaning feature that will remove debris adhered to the track.

Ask about dual direction Crowned V-groove Track Rollers with R3 Technology (CVTR/Y)



FEATURING SKF



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

Solutions Through Innovation

TRACK ROLLERS

VTR – V-Groove – Stud Type Tapered Roller Bearings

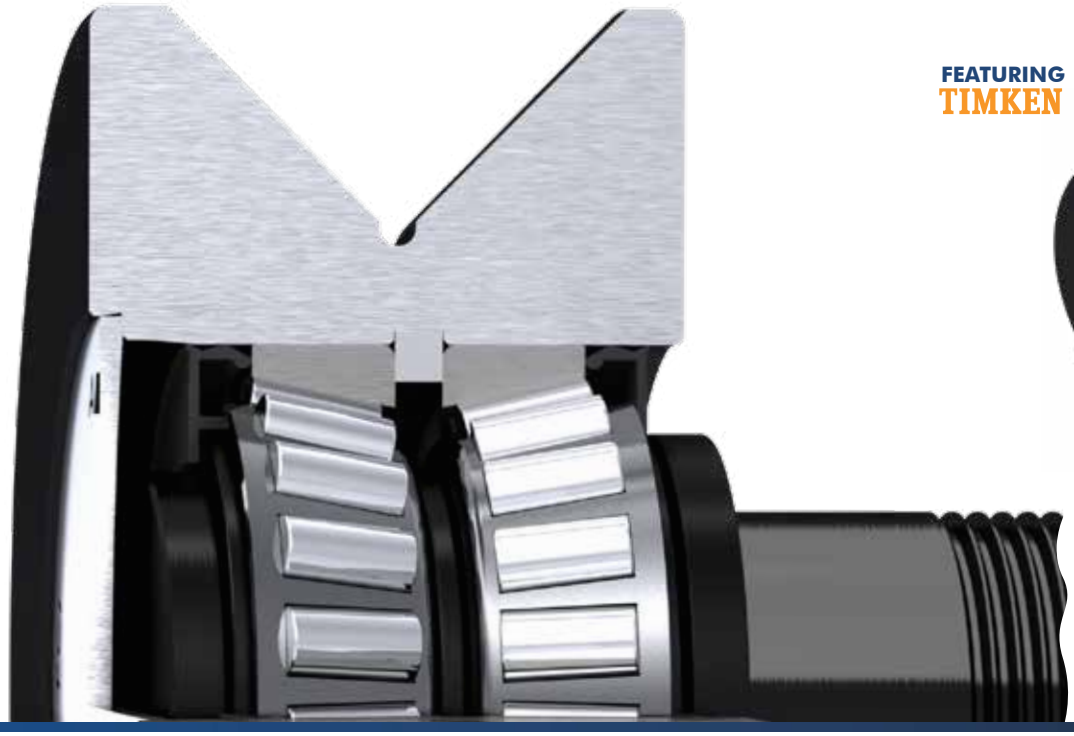
∞ | *Infinity Roller™ Technology*

V-BODY PROFILE
with industry leading tolerances allows for angled track use to accommodate thrust loads.

V-SHAPED DUAL DIRECTION
location on v-shaped tracks naturally sheds debris to reduce rolling surface buildup.

V-SHAPE "SCRUBS"
to provide a self-cleaning feature that will remove debris adhered to the track.

Ask about dual direction Crowned V-groove Track Rollers with R3 Technology (CVTR/Y)



FEATURING TIMKEN



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER DUAL LIP SEALS aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

TIMKEN TAPERED ROLLER BEARINGS
precision matched sets ensure maximum thrust load paired with moderate radial load capacity.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

VTR – TRACK ROLLERS

V-Groove – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

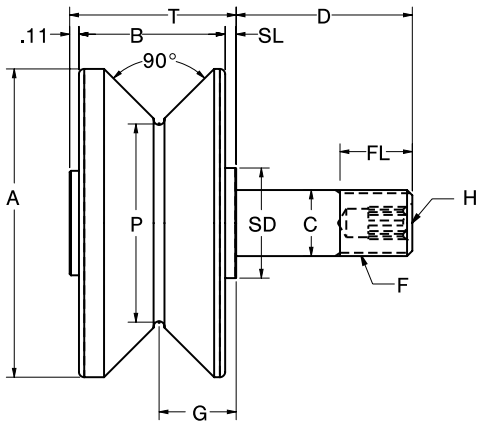
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.				Dia.	Len.	Len. + Roller Width
VTR-1.50	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	3/16	1.125	0.5	0.03	0.78
VTR-1.50-CSO	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	3/16	1.125	0.5	0.03	0.78
VTR-2.00	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	3/16	1.375	0.6	0.03	0.84
VTR-2.00-CSO	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	3/16	1.375	0.6	0.03	0.84
VTR-2.50	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	1.500	0.9	0.06	1.31
VTR-2.50-CSO	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	1.500	0.9	0.06	1.31
VTR-3.50	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	2.250	1.0	0.06	1.69
VTR-3.50-CSO	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	2.250	1.0	0.06	1.69
VTR-3.50E*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	2.250	0.9	0.13	1.90†
VTR-3.50E-CSO*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	2.250	0.9	0.13	1.90†
VTR-4.50A	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.5	0.06	2.00
VTR-4.50	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.8	0.06	2.00
VTR-4.50-CSO	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.8	0.06	2.00
VTR-5.50A	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.5	0.06	2.00
VTR-5.50	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.8	0.06	2.00
VTR-5.50-CSO	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.8	0.06	2.00
VTR-6.50	6.50	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	5.000	3.0	0.06	3.00
VTR-6.50-CSO	6.50	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	5.000	3.0	0.06	3.00
VTR-7.50	7.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	6.000	3.5	0.06	3.00
VTR-7.50-CSO	7.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	6.000	3.5	0.06	3.00
VTR-8.50	8.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	7.000	3.5	0.06	3.00
VTR-8.50-CSO	8.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	7.000	3.5	0.06	3.00

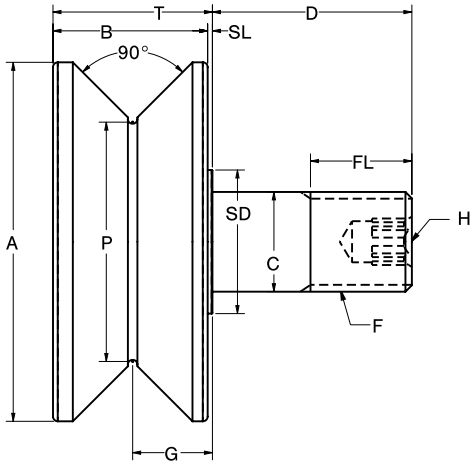




PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option
** VTR-3.50E is designed with stud extending 7/64" from end of roller. Design does not incorporate a dust cover*
Ask about dual direction Crowned V-groove Track Rollers with R3 TM Technology (CVTR/Y)

VTR-3.50E





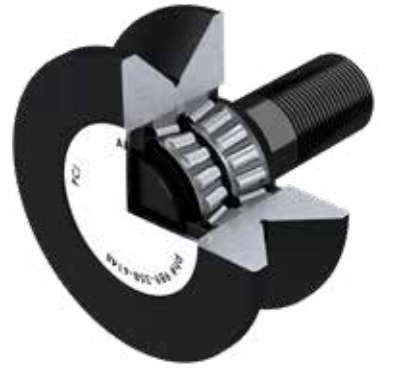
VTR – TRACK ROLLERS

V-Groove – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTR-1.50	860	430	220	110	24,000	870	470	180	NBR Lip	PREMIUM DGBB	0.33
VTR-1.50-CSO	860	430	220	60	24,000	870	470	180	NBR Lip	DGBB	0.33
VTR-2.00	1,430	750	360	190	19,000	1,230	470	180	NBR Lip	PREMIUM DGBB	0.56
VTR-2.00-CSO	1,230	640	360	80	19,000	1,230	470	180	NBR Lip	DGBB	0.56
VTR-2.50	2,660	1,400	670	350	15,000	1,390	550	650	NBR Lip	PREMIUM DGBB	1.31
VTR-2.50-CSO	2,660	1,400	670	350	15,000	1,390	550	650	NBR Lip	DGBB	1.31
VTR-3.50	4,920	2,950	2,460	1,480	10,000	5,370	1,340	650	NBR Lip	PREMIUM DGBB	3.44
VTR-3.50-CSO	4,670	2,950	2,080	760	10,000	5,370	1,340	650	NBR Lip	DGBB	3.44
VTR-3.50E*	15,040	14,400	3,540	7,390	3,750	4,200	-	1,500	NBR Dual Lip	PREMIUM TRB	3.40
VTR-3.50E-CSO*	11,960	14,400	3,540	7,390	3,750	4,200	-	1,500	NBR Dual Lip	TRB	3.40
VTR-4.50A	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	6.68
VTR-4.50	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	6.88
VTR-4.50-CSO	14,300	20,000	5,790	14,120	2,490	17,080	-	1,500	NBR Dual Lip	TRB	6.88
VTR-5.50A	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	10.82
VTR-5.50	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	11.04
VTR-5.50-CSO	14,300	20,000	5,790	14,120	2,490	17,080	-	1,500	NBR Dual Lip	TRB	11.04
VTR-6.50	38,060	58,400	14,350	37,660	1,550	43,630	-	1,500	NBR Dual Lip	PREMIUM TRB	27.42
VTR-6.50-CSO	35,870	58,400	13,310	37,660	1,550	43,630	-	1,500	NBR Dual Lip	TRB	27.42
VTR-7.50	37,990	56,200	15,320	38,740	1,250	85,210	-	1,500	NBR Dual Lip	PREMIUM TRB	39.14
VTR-7.50-CSO	35,830	56,200	14,150	38,740	1,250	85,210	-	1,500	NBR Dual Lip	TRB	39.14
VTR-8.50	37,990	56,200	15,320	38,740	1,250	85,210	-	1,500	NBR Dual Lip	PREMIUM TRB	48.68
VTR-8.50-CSO	35,830	56,200	14,150	38,740	1,250	85,210	-	1,500	NBR Dual Lip	TRB	48.68





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

MVTR – TRACK ROLLERS

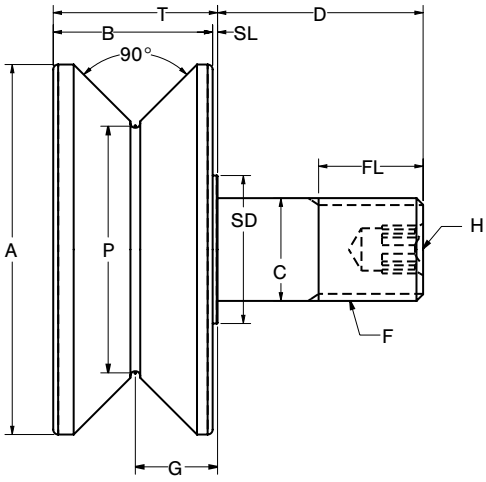
Metric V-Groove - Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

Metric Measure (mm)												
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.00 -.03	SHOULDER		
	Dia.	Width	Dia. +.00 -.03	Len.	Size	Len.				Dia.	Len.	Len. + Roller Width
MVTR-26	40	19.2	10	23	M10 X 1	13	10	4	26	13.1	0.8	20
MVTR-32	50	21.2	12	25	M12 X 1.5	14	11	4	32	15.9	0.8	22
MVTR-40	60	31.4	14	40	M14 X 2	26	17	6	40	18	1.6	33
MVTR-62	90	42.9	24	58	M24 X 3	35	23	8	62	32	1.6	45
MVTR-62-1	90	42.9	24	50	M24 X 1.5	25	23	8	62	32	1.6	45
MVTR-76	120	49	30	70	M30 X 3.5	40	26	12	76	44.5	1.6	50.5
MVTR-100-1	140	49	30	70	M30 X 3.5	40	26	12	100	44.5	1.6	50.5
MVTR-100	140	48.9	30	80	M30 X 3.5	50	26	12	100	44.5	1.6	51
MVTR-125	165	74	48	105	M48 X 5	60	38	12	125	76.2	1.6	76

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option
Ask about dual direction Crowned V-groove Track Rollers with R3 TM Technology (CVTR/Y)



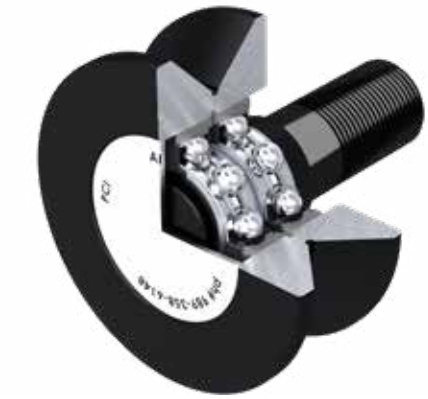


MVTR – TRACK ROLLERS

Metric V-Groove - Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (N) C	Basic Radial Static Load Rating (N) C_o	Thrust Dynamic Load Rating (N)	Thrust Static Load Rating (N)	Max Speed Rating (rpm)	Stud Capacity (N)	Retaining Ring Capacity (N)	Max. Clamping Torque (Nm)*	Seal Type	Bearing Type	Approx. Roller Weight (kg)
MVTR-26	3,790	1,910	950	480	24,000	2,280	2,090	20	NBR Lip	PREMIUM DGBB	0.23
MVTR-32	6,330	3,320	1,580	830	19,000	4,100	2,090	20	NBR Lip	PREMIUM DGBB	0.26
MVTR-40	11,800	6,210	2,950	1,550	15,000	6,240	2,440	20	NBR Lip	PREMIUM DGBB	0.53
MVTR-62	23,980	15,610	11,990	7,810	8,500	29,270	5,960	68	NBR Lip	PREMIUM DGBB	1.79
MVTR-62-1	23,980	15,610	11,990	7,810	8,500	29,270	5,960	68	NBR Lip	PREMIUM DGBB	1.9
MVTR-76	79,810	88,970	32,950	62,800	2,490	51,130	-	136	NBR Dual Lip	PREMIUM TRB	3.3
MVTR-100-1	79,810	88,970	32,950	62,800	2,490	51,130	-	136	NBR Dual Lip	PREMIUM TRB	4.8
MVTR-100	79,810	88,970	32,950	62,800	2,490	51,130	-	136	NBR Dual Lip	PREMIUM TRB	4.8
MVTR-125	169,290	259,780	63,830	167,480	1,550	140,610	-	136	NBR Dual Lip	PREMIUM TRB	11.6





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

VTR-R – TRACK ROLLERS

V-Groove - Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

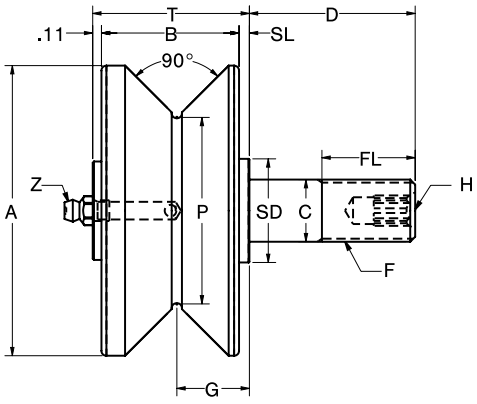
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER			WRENCH		Lube Size
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.				Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
VTR-1.50-R	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	-	1.125	0.5	0.03	0.78	0.312	0.250	1/8 Drive
VTR-2.00-R	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	-	1.375	0.6	0.03	0.84	0.375	0.250	1/8 Drive
VTR-2.50-R	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	-	1.500	0.9	0.06	1.31	0.625	0.375	1/8-27 NPT
VTR-3.50-R	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	-	2.250	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
VTR-3.50E-R*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	2.250	0.9	0.13	1.90†	-	-	1/4-28 UNF
VTR-4.50A-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	3.000	1.5	0.06	2.00	-	-	1/4-28 UNF
VTR-4.50-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	3.000	1.8	0.06	2.00	-	-	1/4-28 UNF
VTR-5.50A-R	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	5/8	4.000	1.5	0.06	2.00	-	-	1/4-28 UNF
VTR-5.50-R	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	5/8	4.000	1.8	0.06	2.00	-	-	1/4-28 UNF
VTR-6.50-R	6.50	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	5.000	3.0	0.06	3.00	-	-	1/4-28 UNF
VTR-7.50-R	7.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	6.000	3.5	0.06	3.00	-	-	1/4-28 UNF
VTR-8.50-R	8.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	7.000	3.5	0.06	3.00	-	-	1/4-28 UNF

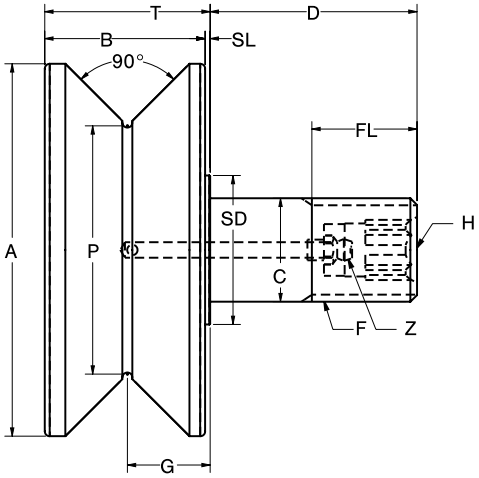
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option
Ask about dual direction Crowned V-groove Track Rollers with R3 TM Technology (CVTR/Y)



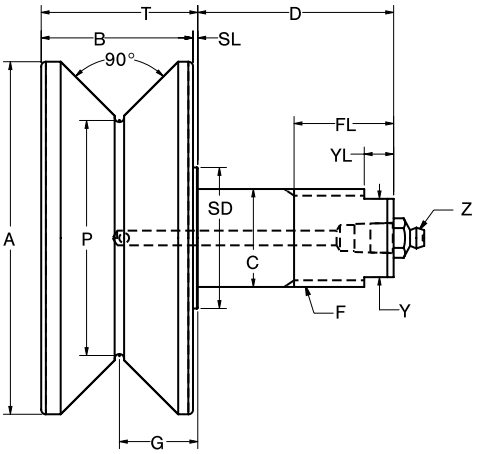
VTR-R 3.50E



VTR-R 4.50 AND LARGER



THROUGH VTR-R 3.50



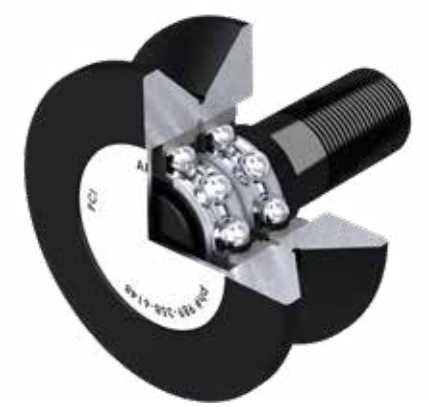
Solutions Through Innovation

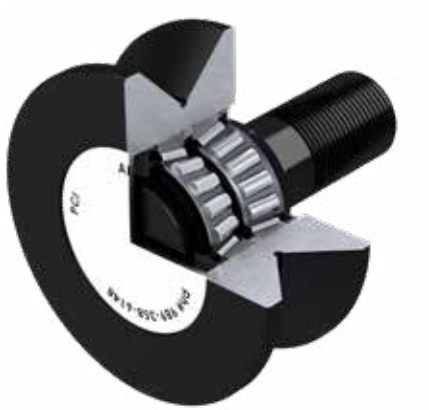
VTR-R – TRACK ROLLERS

V-Groove - Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTR-1.50-R	860	430	220	110	24,000	870	470	180	NBR Lip	PREMIUM DGBB	0.33
VTR-2.00-R	1,430	750	360	190	19,000	1,230	470	180	NBR Lip	PREMIUM DGBB	0.56
VTR-2.50-R	2,660	1,400	670	350	15,000	1,390	550	650	NBR Lip	PREMIUM DGBB	1.31
VTR-3.50-R	4,920	2,950	2,460	1,480	10,000	5,370	1,340	650	NBR Lip	PREMIUM DGBB	3.44
VTR-3.50E-R	15,040	14,400	4,520	7,390	3,750	4,200	-	1,500	NBR Dual Lip	PREMIUM TRB	3.40
VTR-4.50A-R	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	6.85
VTR-4.50-R	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	6.88
VTR-5.50A-R	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	10.82
VTR-5.50-R	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	11.04
VTR-6.50-R	38,060	58,400	14,350	37,660	1,550	43,630	-	1,500	NBR Dual Lip	PREMIUM TRB	27.42
VTR-7.50-R	37,990	56,200	15,320	38,740	1,250	85,210	-	1,500	NBR Dual Lip	PREMIUM TRB	39.14
VTR-8.50-R	37,990	56,200	15,320	38,740	1,250	85,210	-	1,500	NBR Dual Lip	PREMIUM TRB	48.68





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

VTRE – TRACK ROLLERS

V-Groove - Stud Eccentric
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

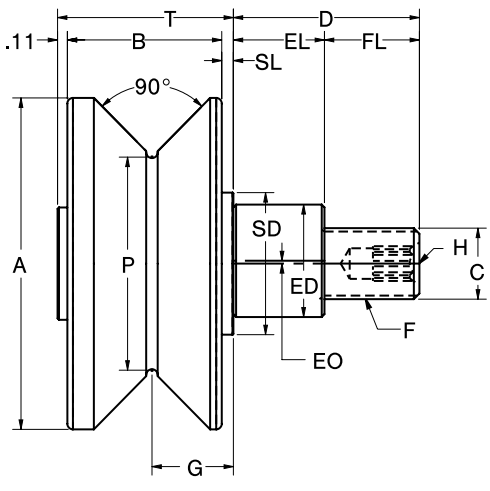
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width
VTRE-1.50	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.39	3/16	1.125	0.7	0.03	0.78
VTRE-1.50-CSO	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.39	3/16	1.125	0.7	0.03	0.78
VTRE-2.00	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.42	3/16	1.375	0.8	0.03	0.84
VTRE-2.00-CSO	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.42	3/16	1.375	0.8	0.03	0.84
VTRE-2.50	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	5/16	1.500	1.3	0.06	1.31
VTRE-2.50-CSO	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	5/16	1.500	1.3	0.06	1.31
VTRE-3.50	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	5/16	2.250	1.5	0.06	1.69
VTRE-3.50-CSO	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	5/16	2.250	1.5	0.06	1.69
VTRE-3.50E*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.02	0.88	5/16	2.250	1.5	0.13	1.90†
VTRE-3.50E-CSO*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.02	0.88	5/16	2.250	1.5	0.13	1.90†
VTRE-4.50A	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	3.000	2.2	0.06	2.00
VTRE-4.50	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	3.000	2.2	0.06	2.00
VTRE-4.50-CSO	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	3.000	2.2	0.06	2.00
VTRE-5.50A	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	1/2	4.000	2.2	0.06	2.00
VTRE-5.50	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	1/2	4.000	2.2	0.06	2.00
VTRE-6.50	6.50	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	1.50	5/8	5.000	3.3	0.06	3.00
VTRE-7.50	7.50	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	1.50	5/8	6.000	3.6	0.06	3.00

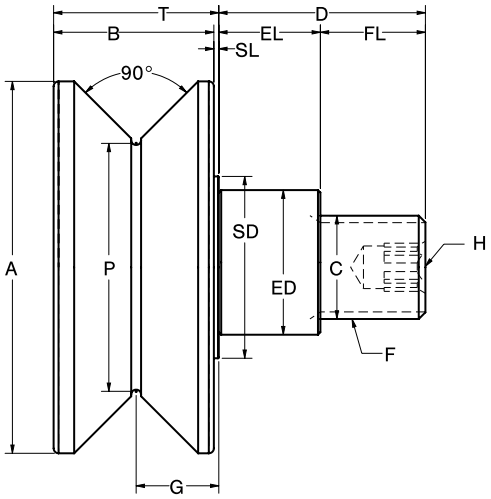
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option
Ask about dual direction Crowned V-groove Track Rollers with R3 TM Technology (CVTR/Y)





VTRE-R 3.50"E





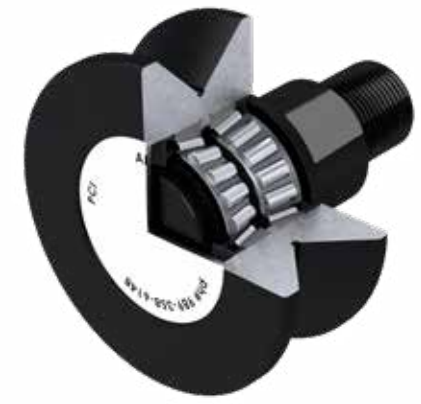
VTRE – TRACK ROLLERS

V-Groove - Stud Eccentric
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (Lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (In-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRE-1.50	860	430	220	110	24,000	870	470	250	NBR Lip	PREMIUM DGBB	0.36
VTRE-1.50-CSO	860	430	220	60	24,000	870	470	250	NBR Lip	DGBB	0.36
VTRE-2.00	1,430	750	360	190	19,000	1,230	470	250	NBR Lip	PREMIUM DGBB	0.59
VTRE-2.00-CSO	1,230	640	360	80	19,000	1,230	470	250	NBR Lip	DGBB	0.59
VTRE-2.50	2,660	1,400	670	350	15,000	1,390	550	650	NBR Lip	PREMIUM DGBB	1.38
VTRE-2.50-CSO	2,660	1,400	670	350	15,000	1,390	550	650	NBR Lip	DGBB	1.38
VTRE-3.50	4,920	2,950	2,460	1,480	10,000	5,370	1,340	650	NBR Lip	PREMIUM DGBB	3.49
VTRE-3.50-CSO	4,670	2,950	2,080	760	10,000	5,370	1,340	650	NBR Lip	DGBB	3.49
VTRE-3.50E	15,040	14,400	3,540	7,390	3,750	4,200	-	1,500	NBR Dual Lip	PREMIUM TRB	3.51
VTRE-3.50E-CSO	11,960	14,400	3,540	7,390	3,750	4,200	-	1,500	NBR Dual Lip	TRB	3.51
VTRE-4.50A	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	7.31
VTRE-4.50	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	7.36
VTRE-4.50-CSO	14,300	20,000	5,790	14,120	2,490	17,080	-	1,500	NBR Dual Lip	TRB	7.36
VTRE-5.50A	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	11.24
VTRE-5.50	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	11.33
VTRE-6.50	38,060	58,400	14,350	37,660	1,550	43,630	-	1,500	NBR Dual Lip	PREMIUM TRB	28.81
VTRE-7.50	37,990	56,200	15,320	38,740	1,250	85,210	-	1,500	NBR Dual Lip	PREMIUM TRB	41.17





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

MVTRE – TRACK ROLLERS

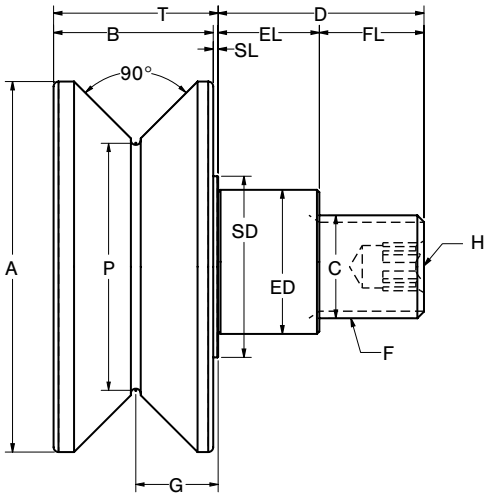
Metric V-Groove - Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

Metric Measure (mm)															
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.00 -.03	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia +.00 -.05	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width.
MVTRE-26	40	19.2	10	23	13	10	0.5	M10 X 1	13	10	4	26	17.1	0.8	20
MVTRE-32	50	21.2	12	25	15	11	0.5	M12 X 1.5	14	11	4	32	17.5	0.8	22
MVTRE-40	60	31.4	14	40	22	13	1	M14 X 2	26	17	6	40	28.5	1.6	33
MVTRE-62	90	42.9	24	58	28	20	1.5	M24 X 3	35	23	8	62	43	1.6	45
MVTRE-62-1	90	42.9	20	50	28	22	1	M20 X 1.5	25	23	8	62	43	1.6	45
MVTRE-76	120	49	24	70	35	29	2	M24 X 1.5	40	26	12	76	50	1.6	50.5
MVTRE-100-1	140	49	24	70	35	29	2	M24 X 1.5	40	26	12	100	50	1.6	50.5
MVTRE-100	140	48.9	24	80	35	29	2	M24 X 1.5	50	26	12	100	50	1.6	51
MVTRE-125	165	74	48	105	64	50	2	M48 X 5	60	38	12	125	89	1.6	76

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option
Ask about dual direction Crowned V-groove Track Rollers with R3 TM Technology (CVTR/Y)





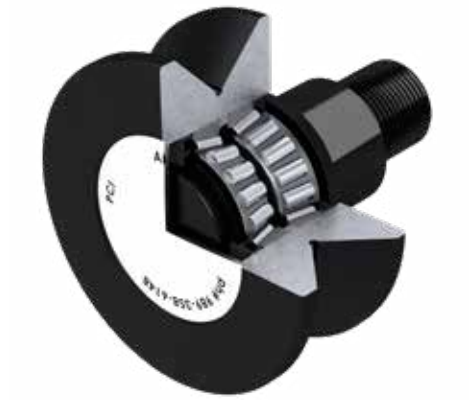
MVTRE – TRACK ROLLERS

Metric V-Groove - Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (N) C	Basic Radial Static Load Rating (N) C_o	Thrust Dynamic Load Rating (N)	Thrust Static Load Rating (N))	Max Speed Rating (rpm)	Stud Capacity (N)	Retaining Ring Capacity (N)	Max. Clamping Torque (Nm)*	Seal Type	Bearing Type	Approx. Roller Weight (kg)
MVTRE-26	3,790	1,910	950	480	24,000	2,280	2,090	20	NBR Lip	PREMIUM DGBB	0.23
MVTRE-32	6,330	3,320	1,580	830	19,000	4,100	2,090	20	NBR Lip	PREMIUM DGBB	0.26
MVTRE-40	11,800	6,210	2,950	1,550	15,000	6,240	2,440	20	NBR Lip	PREMIUM DGBB	0.53
MVTRE-62	23,980	15,610	11,990	7,810	8,500	29,270	5,960	68	NBR Lip	PREMIUM DGBB	1.79
MVTRE-62-1	23,980	15,610	11,990	7,810	8,500	29,270	5,960	68	NBR Lip	PREMIUM DGBB	1.9
MVTRE-76	79,810	88,970	32,950	62,800	2,490	26,180	-	136	NBR Dual Lip	PREMIUM TRB	3.3
MVTRE-100-1	79,810	88,970	32,950	62,800	2,490	26,180	-	136	NBR Dual Lip	PREMIUM TRB	4.8
MVTRE-100	79,810	88,970	32,950	62,800	2,490	26,180	-	136	NBR Dual Lip	PREMIUM TRB	4.8
MVTRE-125	169,290	259,780	63,830	167,480	1,550	140,610	-	136	NBR Dual Lip	PREMIUM TRB	11.6





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

VTRE-R – TRACK ROLLERS

V-Groove - Stud Eccentric

Ball & Tapered Roller Bearings - Regreasable

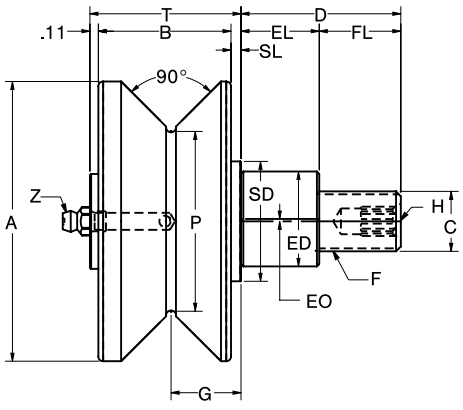
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER			WRENCH		Lube Size
	Dia.	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
VTRE-1.50-R	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.39	-	1.125	0.7	0.03	0.78	0.312	0.250	1/8 Drive
VTRE-2.00-R	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.42	-	1.375	0.8	0.03	0.84	0.375	0.250	1/8 Drive
VTRE-2.50-R	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	-	1.500	1.3	0.06	1.31	0.625	0.375	1/8-27 NPT
VTRE-3.50-R	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	-	2.250	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
VTRE-3.50E-R*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.02	0.88	5/16	2.250	1.5	0.13	1.90†	-	-	1/4-28 UNF
VTRE-4.50A-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	5/8	3.000	2.2	0.06	2.00	-	-	1/4-28 UNF
VTRE-4.50-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	5/8	3.000	2.2	0.06	2.20	-	-	1/4-28 UNF
VTRE-5.50A-R	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	5/8	4.000	2.2	0.06	2.00	-	-	1/4-28 UNF
VTRE-5.50-R	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	5/8	4.000	2.2	0.06	2.00	-	-	1/4-28 UNF
VTRE-6.50-R	6.50	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	1.50	5/8	5.000	3.3	0.06	3.00	-	-	1/4-28 UNF
VTRE-7.50-R	7.50	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	1.50	5/8	6.000	3.6	0.06	3.00	-	-	1/4-28 UNF

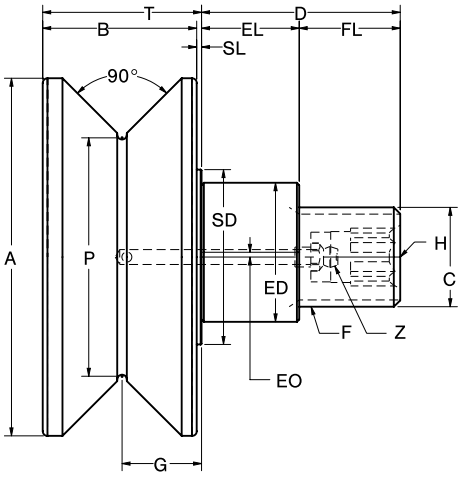
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option
Ask about dual direction Crowned V-groove Track Rollers with R3 TM Technology (CVTR/Y)



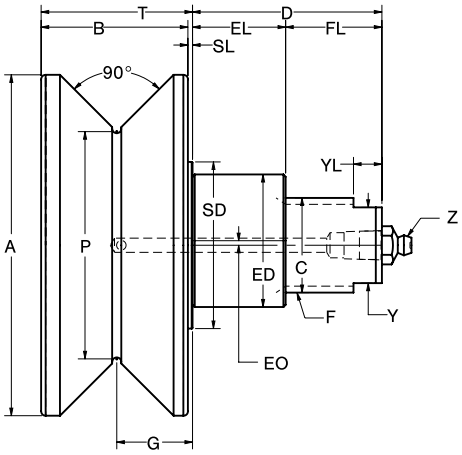
*VTRE-3.50E-R**



4.50" ROLLER DIA. AND LARGER



THROUGH VTRE-3.50-R

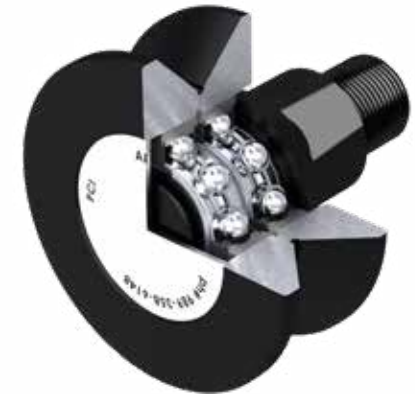


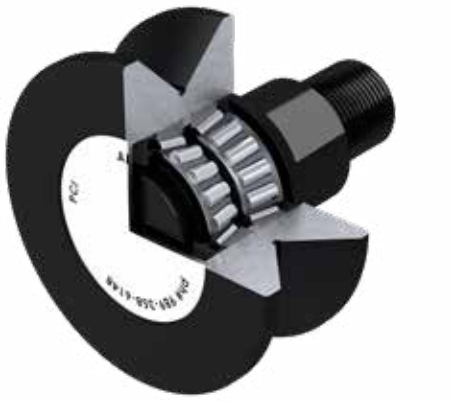
VTRE-R – TRACK ROLLERS

V-Groove - Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (In-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRE-1.50-R	860	430	220	110	24,000	870	470	250	NBR Lip	PREMIUM DGBB	0.36
VTRE-2.00-R	1,430	750	360	190	19,000	1,230	470	250	NBR Lip	PREMIUM DGBB	0.59
VTRE-2.50-R	2,660	1,400	670	350	15,000	1,390	550	650	NBR Lip	PREMIUM DGBB	1.38
VTRE-3.50-R	4,920	2,950	2,460	1,480	10,000	5,370	1,340	650	NBR Lip	PREMIUM DGBB	3.49
VTRE-3.50E-R	15,040	14,400	4,520	7,390	3,750	4,200	-	1,500	NBR Dual Lip	PREMIUM TRB	3.51
VTRE-4.50A-R	7,400	5,040	3,700	2,520	8,000	222,000	1,950	1,500	NBR Lip	PREMIUM DGBB	7.31
VTRE-4.50-R	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	7.36
VTRE-5.50A-R	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	11.24
VTRE-5.50-R	17,940	20,000	7,410	14,120	2,490	17,080	-	1,500	NBR Dual Lip	PREMIUM TRB	11.33
VTRE-6.50-R	38,060	58,400	14,350	37,660	1,550	43,630	-	1,500	NBR Dual Lip	PREMIUM TRB	28.81
VTRE-7.50-R	37,990	56,200	15,320	38,740	1,250	85,210	-	1,500	NBR Dual Lip	PREMIUM TRB	41.17





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

TRACK ROLLERS

VTRY – V-Groove - Yoke Type Ball Bearings

∞| *Infinity Roller™ Technology*

V-GROOVE BODY PROFILE
with industry leading tolerances allows for angled track use to accommodate thrust loads.

V-SHAPED DUAL DIRECTION
location on v-shaped tracks naturally sheds debris to reduce rolling surface buildup.

V-SHAPE "SCRUBS"
to provide a self-cleaning feature that will remove debris adhered to the track.

Ask about dual direction Crowned V-groove Track Rollers with R3 Technology (CVTR/Y)



FEATURING SKF



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

EASY INSTALLATION
slip fit bore is designed for use with positive end clamping force without thrust loading the ball bearings.

Solutions Through Innovation

TRACK ROLLERS

VTRY – V-Groove - Yoke Type Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

V-GROOVE BODY PROFILE
with industry leading tolerances allows for angled track use to accommodate thrust loads.

V-SHAPED DUAL DIRECTION
location on v-shaped tracks naturally sheds debris to reduce rolling surface buildup.

V-SHAPE "SCRUBS"
to provide a self-cleaning feature that will remove debris adhered to the track.

Ask about dual direction Crowned V-groove Track Rollers with R3 Technology (CVTR/Y)



FEATURING TIMKEN



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER DUAL LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

TIMKEN TAPERED ROLLER BEARINGS
precision matched sets ensure maximum thrust load paired with moderate radial load capacity.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

EASY INSTALLATION
slip fit bore is designed for use with positive end clamping force without thrust loading the ball bearings.

VTRY – TRACK ROLLERS

V-Groove - Yoke

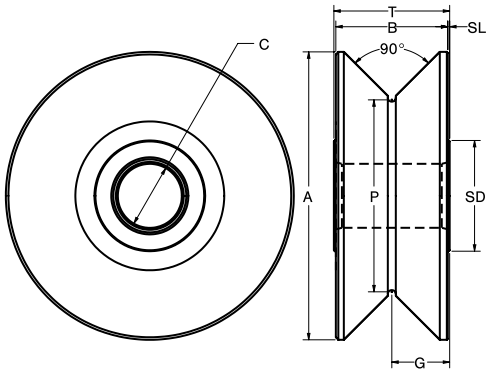
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	Groove Center	Point Dia. +.000 -.001	SHOULDER		Inner Race Width +.005 -.010	Concentric Shaft	Eccentric Shaft
	Dia.	Width				Dia.	Len.			
VTRY-1.50	1.50	0.63	0.3130	0.34	1.063	0.6	0.03	0.688	YSH-.312	YSHE-.312
VTRY-1.75	1.75	0.75	0.3755	0.41	1.313	0.6	0.03	0.813	YSH-.375	YSHE-.375
VTRY-2.00	2.00	0.88	0.4380	0.44	1.500	0.9	0.03	0.938	YSH-.437	YSHE-.437
VTRY-2.50-9	2.50	0.88	0.4380	0.47	1.750	0.9	0.03	0.938	YSH-.437	YSHE-.437
VTRY-2.50	2.50	1.25	0.6255	0.66	2.000	1.1	0.03	1.313	YSH-.625	YSHE-.625
VTRY-2.50-CSO	2.50	1.25	0.6255	0.66	2.000	1.1	0.03	1.313	YSH-.625	YSHE-.625
VTRY-3.00	3.00	1.25	0.6255	0.66	2.060	1.1	0.03	1.313	YSH-.625	YSHE-.625
VTRY-3.00-CSO	3.00	1.25	0.6255	0.66	2.060	1.1	0.03	1.313	YSH-.625	YSHE-.625
VTRY-3.50-9	3.50	1.50	0.7505	0.78	2.250	1.2	0.03	1.563	YSH-.750	YSHE-.750
VTRY-3.50	3.50	1.63	0.7505	0.84	2.250	1.2	0.03	1.687	YSH-.750	YSHE-.750
VTRY-3.50-CSO	3.50	1.63	0.7505	0.84	2.250	1.2	0.03	1.687	YSH-.750	YSHE-.750
VTRY-3.75A	3.75	1.50	0.7505	0.78	2.500	1.2	0.03	1.563	YSH-.750	YSHE-.750
VTRY-3.75	3.75	1.50	0.7505	0.78	2.500	1.3	0.03	1.563	YSH-.750	YSHE-.750
VTRY-3.75-CSO	3.75	1.50	0.7505	0.78	2.500	1.3	0.03	1.563	YSH-.750	YSHE-.750
VTRY-4.50A	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
VTRY-4.50	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
VTRY-4.50-CSO	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
VTRY-5.00A	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
VTRY-5.00	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
VTRY-5.50A	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313	YSH-1.250	YSHE-1.250
VTRY-5.50	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313	YSH-1.250	YSHE-1.250
VTRY-5.50-CSO	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313	YSH-1.250	YSHE-1.250
VTRY-6.50	6.50	2.75	1.7508	1.44	5.000	3.2	0.06	2.875	YSH-1.750	YSHE-1.750
VTRY-6.50-CSO	6.50	2.75	1.7508	1.44	5.000	3.2	0.06	2.875	YSH-1.750	YSHE-1.750
VTRY-7.50	7.50	3.25	2.2508	1.69	6.000	3.5	0.06	3.375	YSH-2.250	YSHE-2.250
VTRY-7.50-CSO	7.50	3.25	2.2508	1.69	6.000	3.5	0.06	3.375	YSH-2.250	YSHE-2.250
VTRY-8.50	8.50	3.75	2.7508	1.94	7.000	4.1	0.06	3.875	YSH-2.750	YSHE-2.750
VTRY-8.50-CSO	8.50	3.75	2.7508	1.94	7.000	4.1	0.06	3.875	YSH-2.750	YSHE-2.750
VTRY-9.50	9.50	4.25	3.2560	2.25	8.000	4.7	0.13	4.500	YSH-3.250	-
VTRY-9.50-CSO	9.50	4.25	3.2560	2.25	8.000	4.7	0.13	4.500	YSH-3.250	-
VTRY-10.50	10.50	4.75	3.7560	2.50	9.000	5.3	0.13	5.000	YSH-3.750	-
VTRY-10.50-CSO	10.50	4.75	3.7560	2.50	9.000	5.3	0.13	5.000	YSH-3.750	-
VTRY-11.50	11.50	5.25	4.2560	2.75	10.000	6.5	0.13	5.500	YSH-4.250	-
VRTY-11.50-CSO	11.50	5.25	4.2560	2.75	10.000	6.5	0.13	5.500	YSH-4.250	-
VTRY-12.50	12.50	5.25	4.2560	2.75	11.000	6.5	0.13	5.500	YSH-4.250	-
VTRY-14.50	14.50	5.25	4.2560	2.75	13.000	6.5	0.13	5.500	YSH-4.250	-
VTRY-16.50	16.50	5.25	4.2560	2.75	15.000	6.5	0.13	5.500	YSH-4.250	-
VTRY-18.50	18.50	5.25	4.2560	2.75	17.000	6.5	0.13	5.500	YSH-4.250	-
VTRY-20.50	20.50	5.25	4.2560	2.75	19.000	6.5	0.13	5.500	YSH-4.250	-







PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly

CSO = PCI's Cost Savings Option

Ask about dual direction Crowned V-groove Track Rollers with R3 TM Technology (CVTR/Y)

Solutions Through Innovation

VTRY – TRACK ROLLERS

V-Groove - Yoke

Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRY-1.50	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.2
VTRY-1.75	1,060	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.35
VTRY-2.00	1,690	1,150	850	580	19,000	NBR Lip	PREMIUM DGBB	0.54
VTRY-2.50-9	1,690	1,150	840	580	19,000	NBR Lip	PREMIUM DGBB	0.82
VTRY-2.50	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.3
VTRY-2.50-CSO	3,630	2,250	1,600	570	11,000	NBR Lip	DGBB	1.3
VTRY-3.00	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.69
VTRY-3.00-CSO	3,630	2,250	1,600	570	11,000	NBR Lip	DGBB	1.69
VTRY-3.50-9	4,340	2,950	2,170	1,480	9,500	NBR Lip	PREMIUM DGBB	2.53
VTRY-3.50	4,340	2,950	2,170	1,480	9,500	NBR Lip	PREMIUM DGBB	2.7
VTRY-3.50-CSO	4,340	2,950	1,970	740	9,500	NBR Lip	DGBB	2.7
VTRY-3.75A	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	3.05
VTRY-3.75	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	3.08
VTRY-3.75-CSO	10,880	7,630	4,010	9,470	2,100	NBR Dual Lip	TRB	3.08
VTRY-4.50A	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	4.88
VTRY-4.50	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	5.12
VTRY-4.50-CSO	14,300	20,000	5,790	14,120	2,490	NBR Dual Lip	TRB	5.12
VTRY-5.00A	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	7.48
VTRY-5.00	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	7.61
VTRY-5.50A	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	11.06
VTRY-5.50	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	11.56
VTRY-5.50-CSO	17,600	27,200	5,750	15,480	2,140	NBR Dual Lip	TRB	11.56
VTRY-6.50	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	20.4
VTRY-6.50-CSO	35,870	58,400	13,310	37,660	1,550	NBR Dual Lip	TRB	20.4
VTRY-7.50	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	31.14
VTRY-7.50-CSO	35,830	56,200	14,150	38,740	1,250	NBR Dual Lip	TRB	31.14
VTRY-8.50	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	45.37
VTRY-8.50-CSO	42,400	79,800	17,400	56,790	1,020	NBR Lip	TRB	45.37
VTRY-9.50	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	64.81
VTRY-9.50-CSO	83,700	159,800	39,000	129,030	850	NBR Lip	TRB	64.81
VTRY-10.50	142,470	167,000	57,860	115,980	760	NBR Lip	PREMIUM TRB	88.12
VTRY-10.50-CSO	134,600	167,000	53,600	115,980	760	NBR Lip	TRB	88.12
VTRY-11.50	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	115.79
VRTY-11.50-CSO	137,300	266,000	62,000	209,180	650	NBR Lip	TRB	115.79
VTRY-12.50	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	143.27
VTRY-14.50	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	204.21
VTRY-16.50	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	263.59
VTRY-18.50	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	253.62
VTRY-20.50	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	442.08



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

MVTRY – TRACK ROLLERS

Metric V-Groove - Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

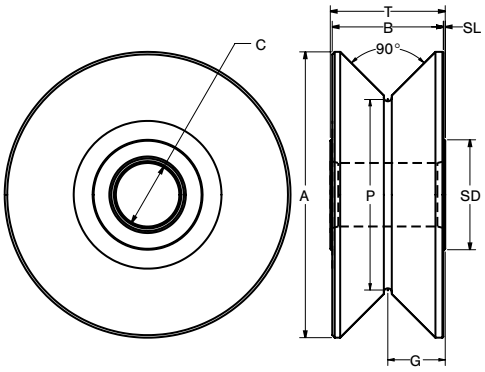
Metric Measure (mm)									OPTIONAL PCI YOKE SHAFT	
YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T	Concentric Shaft	Eccentric Shaft
	ROLLER		Bore Dia. +.02 -.00	Groove Center	Point Dia. +.00 -.03	SHOULDER		Inner Race Width +.13 -.25		
	Dia.	Width				Dia.	Len.			
MVTRY-40	60	22	10	12	40	22	0.5	23	MYSH-10	MYSHE-10
MVTRY-50	75	32	15	17	50	28	0.5	33	MYSH-15	MYSHE-15
MVTRY-62	90	38	19	20	62	35	1	40	MYSH-19	MYSHE-19
MVTRY-62-1	90	38	20	20	62	35	1	40	MYSH-20	MYSHE-20
MVTRY-62E	90	38	20	20	62	32	1	40	MYSH-20	MYSHE-20
MVTRY-76	110	44	25	23	76	45	1	46	MYSH-25	MYSHE-25
MVTRY-100	140	54	30	28	100	57	1	56	MYSH-30	MYSHE-30
MVTRY-125	165	68	45	36	125	83	1.5	71	MYSH-45	MYSHE-45
MVTRY-150	190	70	55	37	150	89	1.5	73	MYSH-55	MYSHE-55
MVTRY-200	240	76	70	40	200	108	1.5	79	MYSH-70	MYSHE-70
MVTRY-250	290	76	70	40	250	108	1.5	79	MYSH-70	MYSHE-70

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly

CSO = PCI's Cost Savings Option

Ask about dual direction Crowned V-groove Track Rollers with R3 TM Technology (CVTR/Y)





MVTRY – TRACK ROLLERS

Metric V-Groove - Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (N) C	Basic Radial Static Load Rating (N) Co	Thrust Dynamic Load Rating (N)	Thrust Static Load Rating (N)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (Kg)
MVTRY-40	7,490	5,100	3,750	2,550	14,000	NBR Lip	PREMIUM DGBB	0.29
MVTRY-50	16,130	10,000	8,070	5,000	11,000	NBR Lip	PREMIUM DGBB	0.70
MVTRY-62	19,280	13,100	9,640	6,550	9,500	NBR Lip	PREMIUM DGBB	1.25
MVTRY-62-1	19,280	13,100	9,640	6,550	9,500	NBR Lip	PREMIUM DGBB	1.24
MVTRY-62E	58,630	65,840	22,820	42,100	2,100	NBR Dual Lip	PREMIUM TRB	1.50
MVTRY-76	79,810	88,970	32,950	62,800	2,490	NBR Dual Lip	PREMIUM TRB	2.16
MVTRY-100	83,030	121,000	27,630	68,840	2,140	NBR Dual Lip	PREMIUM TRB	4.60
MVTRY-125	169,290	259,780	63,830	167,480	1,550	NBR Dual Lip	PREMIUM TRB	8.49
MVTRY-150	168,990	250,000	68,120	172,310	1,250	NBR Dual Lip	PREMIUM TRB	11.33
MVTRY-200	298,080	366,000	87,170	183,000	4,800	Steel Shield	PREMIUM TRB	20.18
MVTRY-250	298,080	366,000	87,170	183,000	4,800	Steel Shield	PREMIUM TRB	31.87





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

VTRY-R – TRACK ROLLERS

V-Groove - Yoke

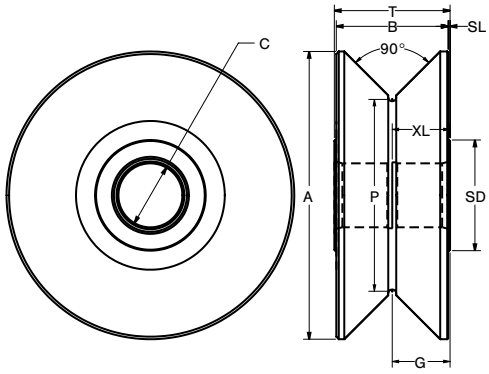
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER					SHOULDER					
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Point Dia. +.000 -.001	Dia.	Len.	Inner Race Width +.005 -.010	Grease Groove Location	Concentric Shaft	Eccentric Shaft
VTRY-1.50-R	1.50	0.630	0.3130	0.34	1.063	0.6	0.03	0.688	0.34	YSH-.312-R	YSHE-.312-R
VTRY-1.75-R	1.75	0.750	0.3755	0.41	1.313	0.6	0.03	0.813	0.41	YSH-.375-R	YSHE-.375-R
VTRY-2.00-R	2.00	0.880	0.4380	0.44	1.500	0.9	0.03	0.938	0.44	YSH-.437-R	YSHE-.437-R
VTRY-2.50-9-R	2.50	0.880	0.4380	0.47	1.750	0.9	0.03	0.937	0.47	YSH-.437-R	YSHE-.437-R
VTRY-2.50-R	2.50	1.250	0.6255	0.66	2.000	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
VTRY-3.00-R	3.00	1.250	0.6255	0.66	2.060	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
VTRY-3.50-9-R	3.50	1.500	0.7505	0.78	2.250	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
VTRY-3.50-R	3.50	1.625	0.7505	0.84	2.250	1.2	0.03	1.687	0.78	YSH-.750-R	YSHE-.750-R
VTRY-3.75A-R	3.75	1.500	0.7505	0.78	2.500	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
VTRY-3.75-R	3.75	1.500	0.7505	0.78	2.500	1.3	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
VTRY-4.50A-R	4.50	1.750	1.0005	0.91	3.000	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
VTRY-4.50-R	4.50	1.750	1.0005	0.91	3.000	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
VTRY-5.00A-R	5.00	2.000	1.1255	1.03	3.500	2.0	0.03	2.063	1.03	YSH-1.125-R	YSHE-1.125-R
VTRY-5.00-R	5.00	2.000	1.1255	1.03	3.500	2.0	0.03	2.063	1.03	YSH-1.125-R	YSHE-1.125-R
VTRY-5.50A-R	5.50	2.250	1.2505	1.16	4.000	2.0	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R
VTRY-5.50-R	5.50	2.250	1.2505	1.16	4.000	2.0	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R
VTRY-6.50-R	6.50	2.750	1.7508	1.44	5.000	3.2	0.06	2.875	1.44	YSH-1.750-R	YSHE-1.750-R
VTRY-7.50-R	7.50	3.250	2.2508	1.69	6.000	3.5	0.06	3.375	1.69	YSH-2.250-R	YSHE-2.250-R
VTRY-8.50-R	8.50	3.750	2.7508	1.94	7.000	4.1	0.06	3.875	1.94	YSH-2.750-R	YSHE-2.750-R
VTRY-9.50-R	9.50	4.250	3.2560	2.25	8.000	4.7	0.13	4.500	2.25	YSH-3.250-R	-
VTRY-10.50-R	10.50	4.750	3.7560	2.50	9.000	5.3	0.13	5.000	2.50	YSH-3.750-R	-
VTRY-11.50-R	11.50	5.250	4.2560	2.75	10.000	6.5	0.13	5.500	2.75	YSH-4.250-R	-
VTRY-12.50-R	12.50	5.250	4.2560	2.75	11.000	6.5	0.13	5.500	2.75	YSH-4.250-R	-
VTRY-14.50-R	14.50	5.250	4.2560	2.75	13.000	6.5	0.13	5.500	2.75	YSH-4.250-R	-
VTRY-16.50-R	16.50	5.250	4.2560	2.75	15.000	6.5	0.13	5.500	2.75	YSH-4.250-R	-
VTRY-18.50-R	18.50	5.250	4.2560	2.75	17.000	6.5	0.13	5.500	2.75	YSH-4.250-R	-
VTRY-20.50-R	20.50	5.250	4.2560	2.75	19.000	6.5	0.13	5.500	2.75	YSH-4.250-R	-

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option
Ask about dual direction Crowned V-groove Track Rollers with R3 TM Technology (CVTR/Y)





VTRY-R – TRACK ROLLERS

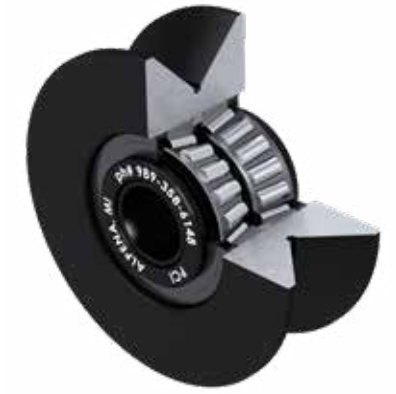
V-Groove - Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRY-1.50-R	640	420	160	110	20,000	NBR Lip	PREMIUM DGBB	0.2
VTRY-1.75-R	1,070	660	270	170	19,000	NBR Lip	PREMIUM DGBB	0.35
VTRY-2.00-R	1,690	1,150	850	580	19,000	NBR Lip	PREMIUM DGBB	0.54
VTRY-2.50-9-R	1,690	1,150	770	290	19,000	NBR Lip	PREMIUM DGBB	0.82
VTRY-2.50-R	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.3
VTRY-3.00-R	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.69
VTRY-3.50-9-R	4,340	2,950	2,170	1,480	9,500	NBR Lip	PREMIUM DGBB	2.53
VTRY-3.50-R	4,340	2,950	2,170	1,480	9,500	NBR Lip	PREMIUM DGBB	2.7
VTRY-3.75A-R	5,390	3,510	2,700	1,760	8,500	NBR Lip	PREMIUM DGBB	3.05
VTRY-3.75-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	3.08
VTRY-4.50A-R	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	4.88
VTRY-4.50-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	5.12
VTRY-5.00A-R	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	7.48
VTRY-5.00-R	18,670	27,200	6,210	15,480	2,490	NBR Dual Lip	PREMIUM TRB	7.61
VTRY-5.50A-R	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	11.06
VTRY-5.50-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	11.56
VTRY-6.50-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	20.4
VTRY-7.50-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	31.14
VTRY-8.50-R	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	45.37
VTRY-9.50-R	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	64.81
VTRY-10.50-R	142,470	167,000	57,860	115,980	760	NBR Lip	PREMIUM TRB	88.12
VTRY-11.50-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	115.79
VTRY-12.50-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	143.27
VTRY-14.50-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	204.21
VTRY-16.50-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	263.59
VTRY-18.50-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	353.62
VTRY-20.50-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	442.08





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

TRACK ROLLERS

UTR – U-Groove – Stud Type Ball Bearings

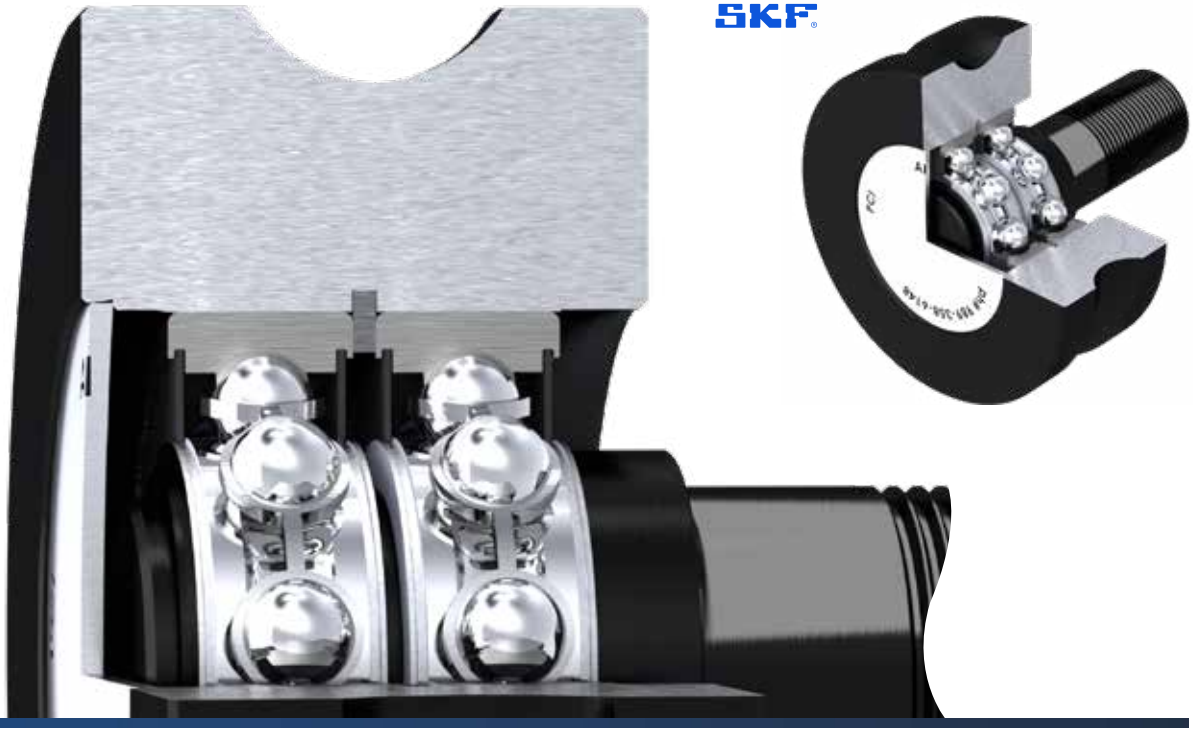
∞| Infinity Roller™ Technology

U-GROOVE BODY PROFILE
with R³ ™ design features dual shoulders to locate while effectively carrying radial loads.

GOTHIC ARCH MULTI-DIRECTION
guidance is provided where axial (thrust) loads are expected while decreasing track wear.

UNIQUE TWO-POINT LOAD DISTRIBUTION
increases track capacity and reduces rolling resistance used on 3D track structures or round bar to reduce rolling surface buildup.

FEATURING SKF



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

Solutions Through Innovation

TRACK ROLLERS

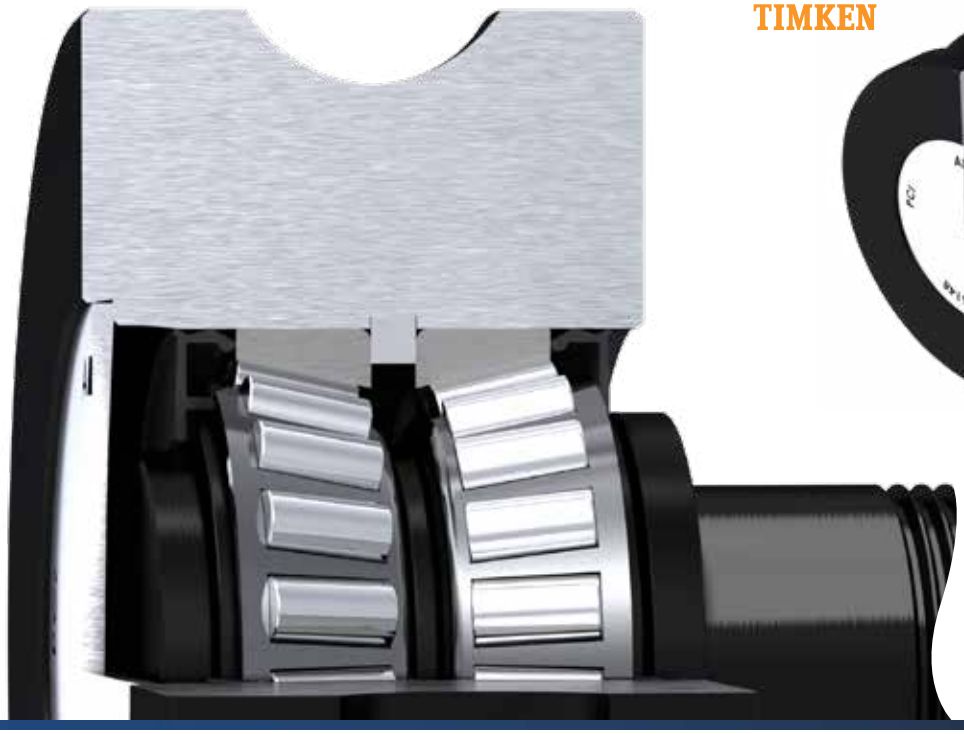
UTR – U-Groove – Stud Type Tapered Ball Bearings

∞ | *Infinity Roller™ Technology*

U-GROOVE BODY PROFILE
with R³ ™ design features dual shoulders to locate while effectively carrying radial loads.

GOTHIC ARCH MULTI-DIRECTION
guidance is provided where axial (thrust) loads are expected while decreasing track wear.

UNIQUE TWO-POINT LOAD DISTRIBUTION
increases track capacity and reduces rolling resistance used on 3D track structures or round bar to reduce rolling surface buildup.



FEATURING TIMKEN



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER DUAL LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

TIMKEN TAPERED ROLLER BEARINGS
precision matched sets ensure maximum thrust load paired with moderate radial load capacity.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

UTR – TRACK ROLLERS

U-Groove - Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

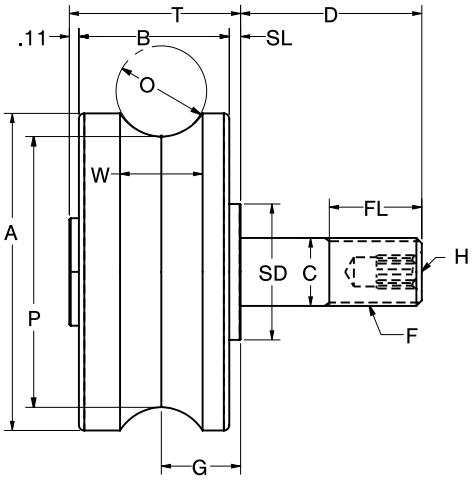
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	O	P	SD	SL	T	W
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	SHOULDER			Trend Width
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.					Dia.	Len.	Len. + Roller Width	
UTR-1.50	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.41	3/16	1/2	1.250	0.5	0.03	0.78	0.43
UTR-1.75	1.75	0.75	0.437	1.00	7/16 - 20	0.50	0.41	3/16	1/2	1.500	0.5	0.03	0.78	0.43
UTR-2.00	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.44	3/16	5/8	1.750	0.6	0.03	0.84	0.50
UTR-2.50	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	3/4	2.000	0.9	0.06	1.31	0.71
UTR-3.50	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	1	3.000	1.0	0.06	1.69	0.87
UTR-3.50E*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	1	3.000	0.9	0.13	1.90†	0.87
UTR-4.50A	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	1	4.000	1.5	0.06	2.00	0.87
UTR-4.50	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	1	4.000	1.8	0.06	2.00	0.87
UTR-5.50	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	1 1/4	5.000	1.8	0.06	2.00	1.00
UTR-6.00	5.94	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	1 1/2	5.000	3.0	0.06	3.00	1.39
UTR-7.00	6.94	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	2	6.000	3.5	0.06	3.00	1.69

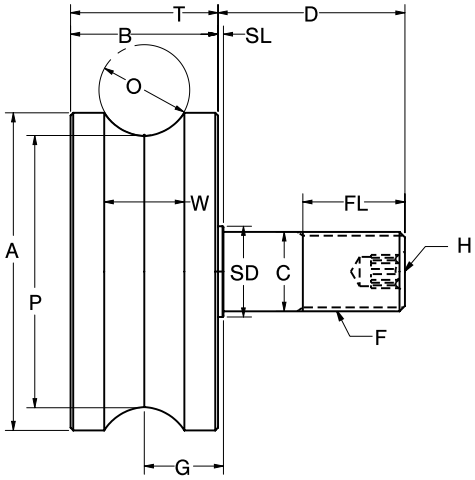
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option
** UTR-3.50E is designed with stud extending 7/64" from end of roller. Design does not incorporate a dust cover.*





UTR-3.50E





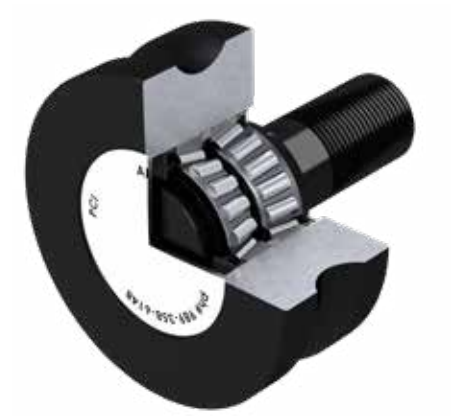
UTR – TRACK ROLLERS

U-Groove - Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTR-1.50	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.33
UTR-1.50	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.33
UTR-1.50	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.33
UTR-1.50	860	430	220	110	24,000	500	470	650	NBR Lip	PREMIUM DGBB	0.33
UTR-1.50	860	430	220	110	24,000	500	470	650	NBR Lip	PREMIUM DGBB	0.33
UTR-1.50	860	430	220	110	24,000	500	470	1,500	NBR Lip	PREMIUM DGBB	0.33
UTR-1.50	860	430	220	110	24,000	500	470	1,500	NBR Lip	PREMIUM DGBB	0.33
UTR-1.50	860	430	220	110	24,000	500	470	1,500	NBR Lip	PREMIUM DGBB	0.33
UTR-1.50	860	430	220	110	24,000	500	470	1,500	NBR Lip	PREMIUM DGBB	0.33
UTR-1.50	860	430	220	110	24,000	500	470	1,500	NBR Lip	PREMIUM DGBB	0.33
UTR-1.50	860	430	220	110	24,000	500	470	1,500	NBR Lip	PREMIUM DGBB	0.33





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

UTR-R – TRACK ROLLERS

U-Groove - Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

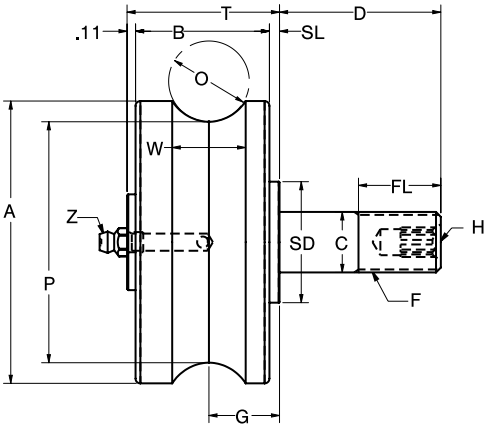
Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	O	P	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	SHOULDER			Tread Width	WRENCH FLAT		Lube Size
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.					Dia.	Width	Len. + Roller Width		Size	Flat Len.	
UTR-1.50-R	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.41	-	1/2	1.250	0.5	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTR-1.75-R	1.75	0.75	0.437	1.00	7/16 - 20	0.50	0.41	-	1/2	1.500	0.5	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTR-2.00-R	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.44	-	5/8	1.750	0.6	0.03	0.84	0.50	0.375	0.250	1/8 Drive
UTR-2.50-R	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	-	3/4	2.000	0.9	0.06	1.31	0.71	0.625	0.375	1/8-27 NPT
UTR-3.50-R	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	-	1	3.000	1.0	0.06	1.69	0.87	0.625	0.375	1/8-27 NPT
UTR-3.50E-R*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	1	3.000	0.9	0.13	1.90†	0.87	-	-	1/4-28 UNF
UTR-4.50A-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	1	4.000	1.5	0.06	2.00	0.87	-	-	1/4-28 UNF
UTR-4.50-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	1	4.000	1.8	0.06	2.00	0.87	-	-	1/4-28 UNF
UTR-5.50-R	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	5/8	1 1/4	5.000	1.8	0.06	2.00	1.00	-	-	1/4-28 UNF
UTR-6.00-R	5.94	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	1 1/2	5.000	3.0	0.06	3.00	1.39	-	-	1/4-28 UNF
UTR-7.00-R	6.94	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	2	6.000	3.5	0.06	3.00	1.69	-	-	1/4-28 UNF

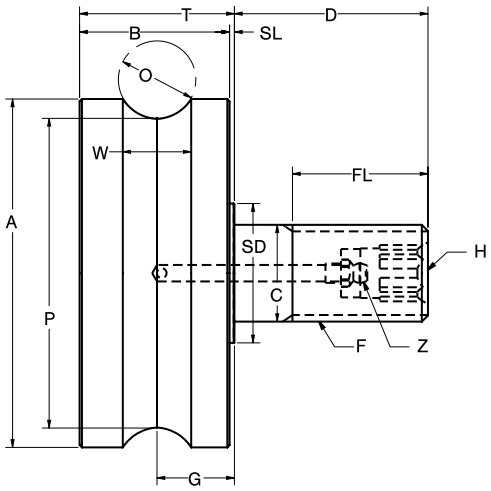
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option
**UTR-3.50E-R is regreasable through the stud extending 7/64" from end of roller. Design does not incorporate a dust cover.*



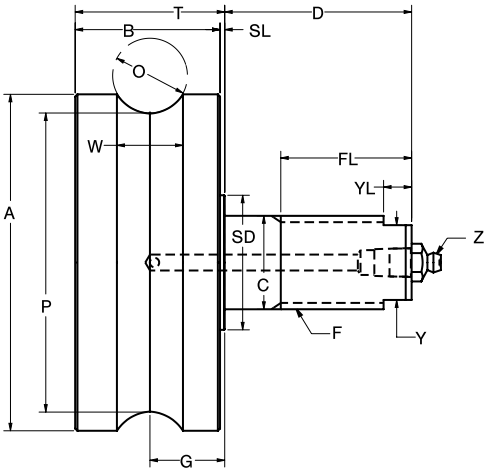
UTR-3.50E-R



4.50" ROLLER DIA. AND LARGER



THROUGH UTR-3.50-R



UTR-R – TRACK ROLLERS

U-Groove- Stud Concentric Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTR-1.50-R	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.33
UTR-1.75-R	860	430	220	110	24,000	500	470	180	NBR Lip	PREMIUM DGBB	0.46
UTR-2.00-R	1,430	750	360	190	19,000	900	470	180	NBR Lip	PREMIUM DGBB	0.64
UTR-2.50-R	2,660	1,400	670	350	15,000	1,390	550	650	NBR Lip	PREMIUM DGBB	1.54
UTR-3.50-R	4,920	2,950	2,460	1,480	10,000	5,370	900	650	NBR Lip	PREMIUM DGBB	4.05
UTR-3.50E-R	15,040	14,400	4,520	7,390	3,750	4,200	-	1,500	NBR Dual Lip	PREMIUM TRB	4.05
UTR-4.50A-R	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	8.31
UTR-4.50-R	17,940	20,000	7,410	14,120	2,490	17,200	-	1,500	NBR Dual Lip	PREMIUM TRB	8.52
UTR-5.50-R	17,940	20,000	7,410	14,120	2,490	17,200	-	1,500	NBR Dual Lip	PREMIUM TRB	12.78
UTR-6.00-R	38,060	58,400	14,350	37,660	1,550	43,630	-	1,500	NBR Dual Lip	PREMIUM TRB	23.22
UTR-7.00-R	37,990	56,200	15,320	38,740	1,250	85,210	-	1,500	NBR Dual Lip	PREMIUM TRB	33.45





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

UTRE – TRACK ROLLERS

U-Groove - Stud Eccentric
Ball & Tapered Roller Bearings

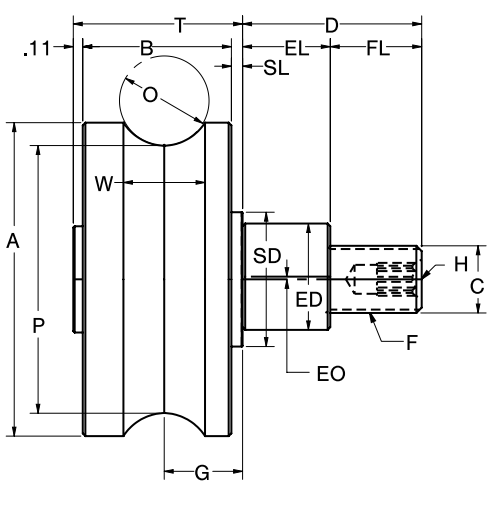
∞ Infinity Roller™ Technology

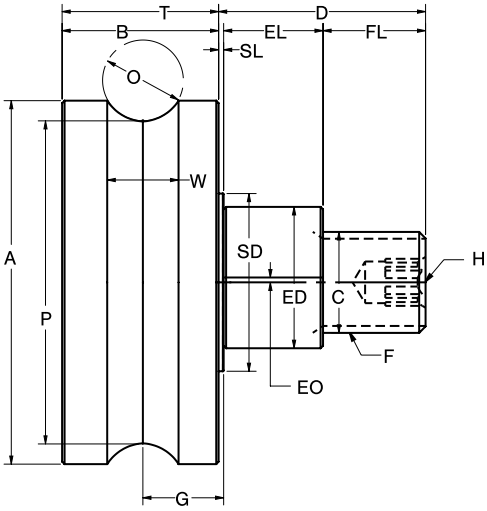
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	O	P	SD	SL	T	W
	ROLLER		STUD		ECCENTRIC			THREAD						SHOULDER			
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.	Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	Dia.	Len.	Len. + Roller Width	Tread Width
UTRE-1.50	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	3/16	1/2	1.250	0.7	0.03	0.78	0.43
UTRE-1.75	1.75	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	3/16	1/2	1.500	0.7	0.03	0.78	0.43
UTRE-2.00	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.44	3/16	5/8	1.750	0.8	0.03	0.84	0.50
UTRE-2.50	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	5/16	3/4	2.000	1.3	0.06	1.31	0.71
UTRE-3.50	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	5/16	1	3.000	1.5	0.06	1.69	0.87
UTRE-3.50E*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.02	0.88	5/16	1	3.000	1.5	0.13	1.90†	0.87
UTRE-4.50A	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	5/8	1	4.000	2.2	0.06	2.00	0.87
UTRE-4.50	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	5/8	1	4.000	2.2	0.06	2.00	0.87
UTRE-5.50	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	5/8	1 1/4	5.000	2.2	0.06	2.00	1.00
UTRE-6.00	5.94	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	1.50	5/8	1 1/2	5.000	3.3	0.06	3.00	1.39
UTRE-7.00	6.94	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	1.50	5/8	2	6.000	3.6	0.06	3.00	1.69

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option
**UTRE-3.50E is designed with stud extending 7/64" from end of roller. Design does not incorporate a dust cover.*



UTRE-3.50E





UTRE – TRACK ROLLERS

U-Groove - Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRE-1.50	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.36
UTRE-1.75	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.57
UTRE-2.00	1,430	750	360	190	19,000	900	470	180	NBR Lip	PREMIUM DGBB	0.67
UTRE-2.50	2,660	1,400	670	350	15,000	1,390	550	650	NBR Lip	PREMIUM DGBB	1.60
UTRE-3.50	4,920	2,950	2,460	1,480	10,000	5,370	900	3,450	NBR Lip	PREMIUM DGBB	4.10
UTRE-3.50E	15,040	14,400	4,520	7,390	3,750	4,200	-	1,500	NBR Dual Lip	PREMIUM TRB	4.10
UTRE-4.50A	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	8.72
UTRE-4.50	17,940	20,000	7,410	14,120	2,490	17,200	-	1,500	NBR Dual Lip	PREMIUM TRB	8.76
UTRE-5.50	17,940	20,000	7,410	14,120	2,490	17,200	-	1,500	NBR Dual Lip	PREMIUM TRB	12.94
UTRE-6.00	38,060	58,400	14,350	37,660	1,550	43,630	-	1,500	NBR Dual Lip	PREMIUM TRB	23.99
UTRE-7.00	37,990	56,200	15,320	38,740	1,250	85,210	-	1,500	NBR Dual Lip	PREMIUM TRB	35.48





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

UTRE-R – TRACK ROLLERS

U-Groove - Stud Eccentric

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

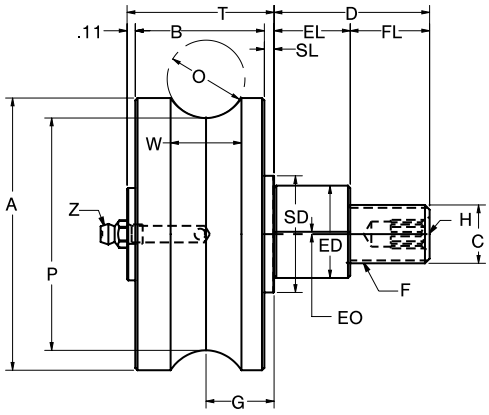
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	O	P	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD						SHOULDER				WRENCH FLAT		
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.	Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	Dia.	Len.	Len. + Roller Width	Tread Width	Size	Flat Len.	Lube Size
UTRE-1.50-R	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	-	1/2	1.250	0.7	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTRE-1.75-R	1.75	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	-	1/2	1.500	0.7	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTRE-2.00-R	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.44	-	5/8	1.750	0.8	0.03	0.84	0.50	0.375	0.250	1/8 Drive
UTRE-2.50-R	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	-	3/4	2.000	1.3	0.06	1.31	0.71	0.625	0.375	1/8-27 NPT
UTRE-3.50-R	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	-	1	3.000	1.5	0.06	1.69	0.87	0.625	0.375	1/8-27 NPT
UTRE-3.50E-R*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.02	0.88	5/16	1	3.000	1.5	0.13	1.90†	0.87	-	-	1/4-28 UNF
UTRE-4.50A-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	5/8	1	4.000	2.2	0.06	2.00	0.87	-	-	1/4-28 UNF
UTRE-4.50-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	5/8	1	4.000	2.2	0.06	2.00	0.87	-	-	1/4-28 UNF
UTRE-5.50-R	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	5/8	1 1/4	5.000	2.2	0.06	2.00	1.00	-	-	1/4-28 UNF
UTRE-6.00-R	5.94	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	1.50	5/8	1 1/2	5.000	3.3	0.06	3.00	1.39	-	-	1/4-28 UNF
UTRE-7.00-R	6.94	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	1.50	5/8	2	6.000	3.6	0.06	3.00	1.69	-	-	1/4-28 UNF

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option
**UTRE-3.50E-R is regreasable through the stud extending 7/64" from end of roller. Design does not incorporate a dust cover.*

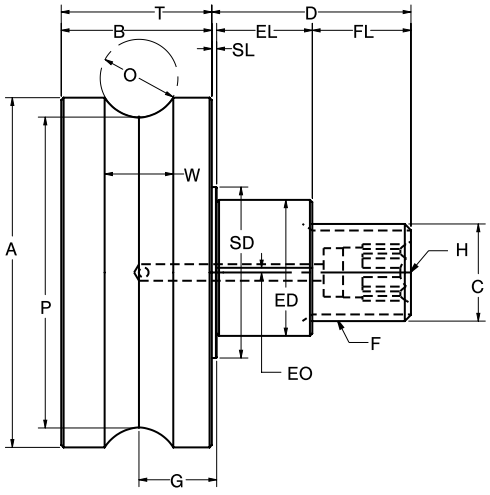




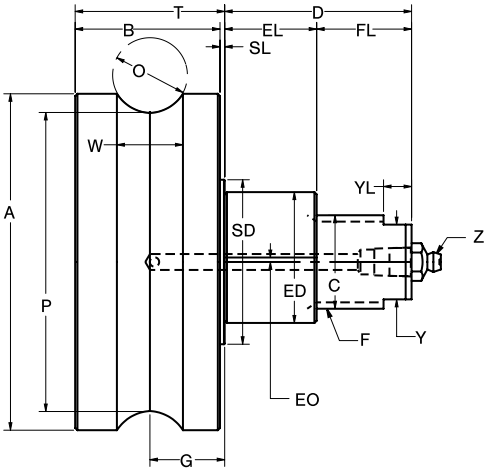
*UTRE-3.50E-R**



4.50 ROLLER DIA. AND LARGER



THROUGH UTRE-3.50-R

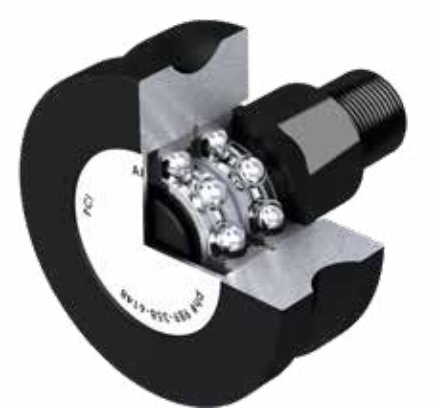


UTRE-R – TRACK ROLLERS

U-Groove - Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRE-1.50-R	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.36
UTRE-1.75-R	860	430	220	110	24,000	500	470	250	NBR Lip	PREMIUM DGBB	0.57
UTRE-2.00-R	1,430	750	360	190	19,000	900	470	250	NBR Lip	PREMIUM DGBB	0.67
UTRE-2.50-R	2,660	1,400	670	350	15,000	1,390	550	650	NBR Lip	PREMIUM DGBB	1.60
UTRE-3.50-R	4,920	2,950	2,460	1,480	10,000	5,370	900	650	NBR Lip	PREMIUM DGBB	4.10
UTRE-3.50E-R	15,040	14,400	4,520	7,390	3,750	4,200	-	1,500	NBR Dual Lip	PREMIUM TRB	4.10
UTRE-4.50A-R	7,400	5,040	3,700	2,520	8,000	22,200	1,950	1,500	NBR Lip	PREMIUM DGBB	8.72
UTRE-4.50-R	17,940	20,000	7,410	14,120	2,490	17,200	-	1,500	NBR Dual Lip	PREMIUM TRB	8.76
UTRE-5.50-R	17,940	20,000	7,410	14,120	2,490	17,200	-	1,500	NBR Dual Lip	PREMIUM TRB	12.94
UTRE-6.00-R	38,060	58,400	14,350	37,660	1,550	43,630	-	1,500	NBR Dual Lip	PREMIUM TRB	23.99
UTRE-7.00-R	37,990	56,200	15,320	38,740	1,250	85,210	-	1,500	NBR Dual Lip	PREMIUM TRB	35.48





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

TRACK ROLLERS

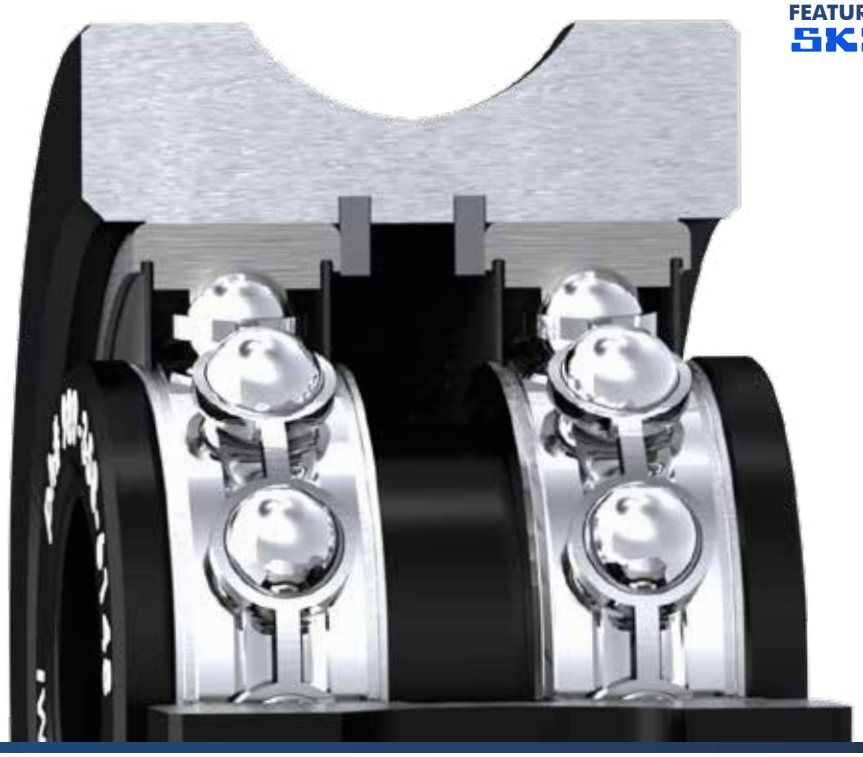
UTRY – U-Groove – Yoke Type Ball Bearings

∞| *Infinity Roller™ Technology*

U-GROOVE BODY PROFILE
with R³ ™ design features dual shoulders to locate while effectively carrying radial loads.

GOTHIC ARCH MULTI-DIRECTION
guidance is provided where axial (thrust) loads are expected while decreasing track wear.

UNIQUE TWO-POINT LOAD DISTRIBUTION
increases track capacity and reduces rolling resistance used on 3D track structures or round bar to reduce rolling surface buildup.



FEATURING SKF



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

EASY INSTALLATION
slip fit bore is designed for use with positive end clamping force without thrust loading the ball bearings.

Solutions Through Innovation

TRACK ROLLERS

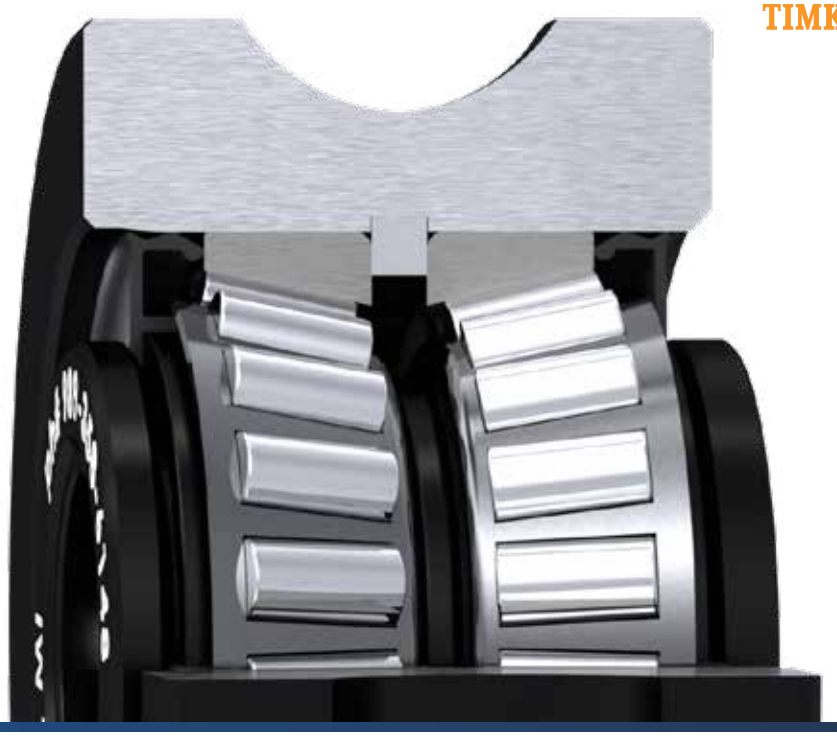
UTRY – U-Groove – Yoke Type Tapered Ball Bearings

∞ | *Infinity Roller™ Technology*

U-GROOVE BODY PROFILE
with R³ ™ design features dual shoulders to locate while effectively carrying radial loads.

GOTHIC ARCH MULTI-DIRECTION
guidance is provided where axial (thrust) loads are expected while decreasing track wear.

UNIQUE TWO-POINT LOAD DISTRIBUTION
increases track capacity and reduces rolling resistance used on 3D track structures or round bar to reduce rolling surface buildup.



FEATURING TIMKEN



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER DUAL LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

TIMKEN TAPERED ROLLER BEARINGS
precision matched sets ensure maximum thrust load paired with moderate radial load capacity.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

EASY INSTALLATION slip fit bore is designed for use with positive end clamping force without thrust loading the ball bearings.

UTRY – TRACK ROLLERS

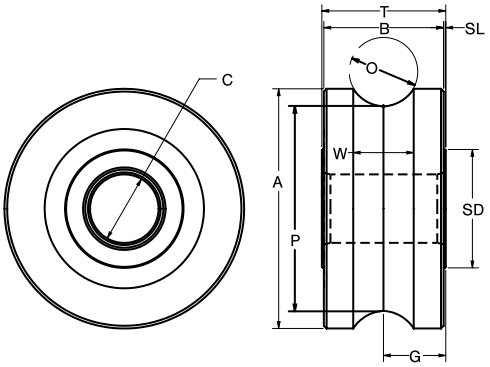
U-Groove – Yoke
Ball & Tapered Roller Bearings
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	O	P	SD	SL	T	W	OPTIONAL PCI YOKE SHAFT	
	ROLLER						SHOULDER					
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Rail Size	Point Dia. +.000 -.001	Dia.	Len.	Inner Race Width +.005 -.010	Tread Width	Concentric Shaft	Eccentric Shaft
UTRY-1.75	1.75	0.88	0.4380	0.47	1/2	1.500	0.9	0.03	0.937	0.44	YSH-.437	YSHE-.437
UTRY-2.00	2.00	1.00	0.5005	0.53	5/8	1.750	0.9	0.03	1.063	0.50	YSH-.500	YSHE-.500
UTRY-2.50	2.50	1.25	0.6255	0.66	3/4	2.000	1.1	0.03	1.313	0.71	YSH-.625	YSHE-.625
UTRY-3.50A	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87	YSH-1.000	YSHE-1.000
UTRY-3.50	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87	YSH-1.000	YSHE-1.000
UTRY-4.50A	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87	YSH-1.250	YSHE-1.250
UTRY-4.50	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87	YSH-1.250	YSHE-1.250
UTRY-5.50	5.50	2.75	1.7508	1.44	1 1/4	5.000	3.2	0.06	2.875	1.00	YSH-1.750	YSHE-1.750
UTRY-6.00	5.94	2.75	1.7508	1.44	1 1/2	5.000	3.2	0.06	2.875	1.39	YSH-1.750	YSHE-1.750
UTRY-7.00	6.94	3.25	2.2508	1.69	2	6.000	3.5	0.06	3.375	1.69	YSH-2.250	YSHE-2.250

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CSO = PCI's Cost Savings Option







UTRY – TRACK ROLLERS

U-Groove – Yoke
Ball & Tapered Roller Bearings
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRY-1.75	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.42
UTRY-2.00	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.65
UTRY-2.50	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.19
UTRY-3.50A	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	3.30
UTRY-3.50	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.50
UTRY-4.50A	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	7.93
UTRY-4.50	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	8.34
UTRY-5.50	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	15.00
UTRY-6.00	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	16.59
UTRY-7.00	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	25.42





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

UTRY-R – TRACK ROLLERS

U-Groove – Yoke

Ball & Tapered Roller Bearings - Regreasable

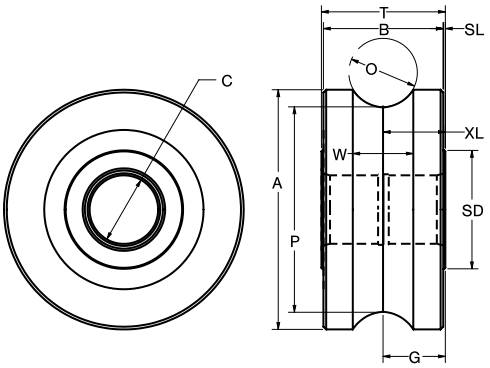
∞ Infinity Roller™ Technology

Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	O	P	SD	SL	T	W	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER						SHOULDER						
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Rail Size	Point Dia. +.000 -.001	Dia.	Len.	Inner Race Width +.005 -.010	Tread Width	Grease Groove Location	Concentric Shaft	Eccentric Shaft
UTRY-1.75-R	1.75	0.88	0.4380	0.47	1/2	1.500	0.9	0.03	0.937	0.44	0.47	YSH-.437-R	YSHE-.437-R
UTRY-2.00-R	2.00	1.00	0.5005	0.53	5/8	1.750	0.9	0.03	1.063	0.50	0.53	YSH-.500-R	YSHE-.500-R
UTRY-2.50-R	2.50	1.25	0.6255	0.66	3/4	2.000	1.1	0.03	1.313	0.71	0.66	YSH-.625-R	YSHE-.625-R
UTRY-3.50A-R	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87	0.91	YSH-1.000-R	YSHE-1.000-R
UTRY-3.50-R	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87	0.91	YSH-1.000-R	YSHE-1.000-R
UTRY-4.50A-R	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87	1.16	YSH-1.250-R	YSHE-1.250-R
UTRY-4.50-R	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87	1.16	YSH-1.250-R	YSHE-1.250-R
UTRY-5.50-R	5.50	2.75	1.7508	1.44	1 1/4	5.000	3.2	0.06	2.875	1.00	1.44	YSH-1.750-R	YSHE-1.750-R
UTRY-6.00-R	5.94	2.75	1.7508	1.44	1 1/2	5.000	3.2	0.06	2.875	1.39	1.44	YSH-1.750-R	YSHE-1.750-R
UTRY-7.00-R	6.94	3.25	2.2508	1.69	2	6.000	3.5	0.06	3.375	1.69	1.69	YSH-2.250-R	YSHE-2.250-R

CSO = PCI's Cost Savings Option





UTRY-R – TRACK ROLLERS

U-Groove – Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRY-1.75-R	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.42
UTRY-2.00-R	1,690	1,150	850	580	14,000	NBR Lip	PREMIUM DGBB	0.65
UTRY-2.50-R	3,630	2,250	1,820	1,130	11,000	NBR Lip	PREMIUM DGBB	1.19
UTRY-3.50A-R	6,120	4,590	3,060	2,300	7,000	NBR Lip	PREMIUM DGBB	3.30
UTRY-3.50-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.50
UTRY-4.50A-R	6,490	4,950	3,250	2,480	6,300	NBR Lip	PREMIUM DGBB	7.93
UTRY-4.50-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	8.34
UTRY-5.50-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	15.00
UTRY-6.00-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	16.59
UTRY-7.00-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	25.42





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

TRACK ROLLERS

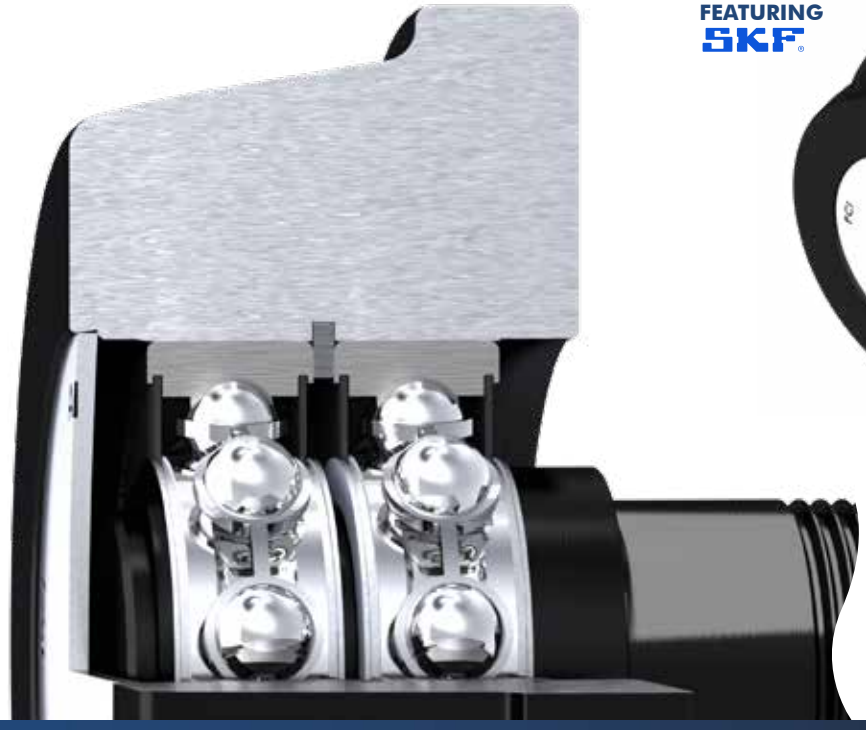
CIR – Channel & I-Beam – Stud Type Ball Bearings

∞| *Infinity Roller™ Technology*

CHANNEL and I-BEAM BODY PROFILE
combines flanged, tapered and crowned shapes while effectively carrying radial loads.

CLEARANCE FLANGE
provides a shoulder for additional axial guidance and is designed to prevent radial mounting interference.

9.50° TAPER WITH RADIUS LEAD
prevents end loading to increase stud capacity and is designed to be used with standard I-Beam or C-Channel.



FEATURING SKF



BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

Solutions Through Innovation

TRACK ROLLERS

CIR – Channel & I-Beam – Stud Type Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

CHANNEL and I-BEAM BODY PROFILE
combines flanged, tapered and crowned shapes while effectively carrying radial loads.

CLEARANCE FLANGE
provides a shoulder for additional axial guidance and is designed to prevent radial mounting interference.

9.50° TAPER WITH RADIUS LEAD
prevents end loading to increase stud capacity and is designed to be used with standard I-Beam or C-Channel.



FEATURING TIMKEN

BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains assembly integrity by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER
adds protection against direct spray and contamination (stud type).

NITRILE RUBBER DUAL LIP SEALS aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

TIMKEN TAPERED ROLLER BEARINGS
precision matched sets ensure maximum thrust load paired with moderate radial load capacity.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD
is high strength material providing dependable performance under load.

CIR – TRACK ROLLERS

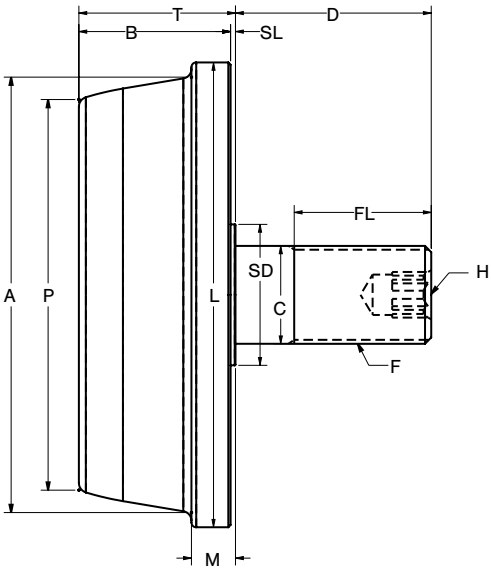
Channel & I-Beam – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	P	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width		Dia.	Len.	Len. + Roller Width
CIR-3.00	2.56	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.94	0.31	2.23	0.8	0.06	1.19
CIR-3.00E	2.56	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.62	2.17	1.0	0.06	1.69
CIR-3.00-1	2.50	1.63	1.000	2.25	1 - 14	1.50	3/8	2.94	0.50	2.06	1.2	0.06	1.69
CIR-4.00	3.56	1.63	0.875	2.00	7/8 - 14	1.13	5/16	3.94	0.53	3.14	1.0	0.06	1.69
CIR-4.00E	3.56	1.63	1.000	2.25	1 - 14	1.50	3/8	3.94	0.53	3.14	1.2	0.06	1.69
CIR-4.00-1	3.00	1.75	1.000	2.25	1 - 14	1.50	1/2	3.94	0.59	2.56	1.3	0.06	1.81
CIR-5.00	4.56	1.63	1.000	2.25	1 - 14	1.50	3/8	4.94	0.50	4.13	1.2	0.06	1.69
CIR-5.00E	4.56	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.94	0.69	4.05	1.8	0.06	2.00
CIR-5.00E-1	4.00	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	3.31	1.8	0.06	2.00
CIR-6.00	5.56	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	5.94	0.56	4.99	1.8	0.06	2.00

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly CIR-1 8.5° taper, all other CIR parts have a 9.5° taper





PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIR-3.00	3" & UP
CIR-3.00E	3" & UP
CIR-3.00-1	3" & UP
CIR-4.00	4" & UP
CIR-4.00E	4" & UP
CIR-4.00-1	4" & UP
CIR-5.00	5" & UP
CIR-5.00E	5" & UP
CIR-5.00E-1	5" & UP
CIR-6.00	6" & UP

Solutions Through Innovation

CIR – TRACK ROLLERS

Channel & I-Beam – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIR-3.00	2,660	1,400	670	350	15,000	1,240	550	350	NBR Lip	PREMIUM DGBB	1.64
CIR-3.00E	3,630	2,140	1,820	1,070	12,000	2,780	900	650	NBR Lip	PREMIUM DGBB	2.40
CIR-3.00-1	3,630	2,250	1,820	1,130	11,000	4,760	1,340	650	NBR Lip	PREMIUM DGBB	2.37
CIR-4.00	3,630	2,140	1,820	1,070	12,000	2,950	900	650	NBR Lip	PREMIUM DGBB	4.64
CIR-4.00E	5,390	3,510	2,700	1,760	8,500	6,450	1,340	650	NBR Lip	PREMIUM DGBB	4.65
CIR-4.00-1	13,720	14,800	5,130	9,470	2,100	5,970	-	1,500	NBR Dual Lip	PREMIUM TRB	3.98
CIR-5.00	5,390	3,510	2,700	1,760	8,500	6,280	1,340	650	NBR Lip	PREMIUM DGBB	7.58
CIR-5.00E	17,940	20,000	7,410	14,120	2,490	10,400	-	1,500	NBR Dual Lip	PREMIUM TRB	9.24
CIR-5.00E-1	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	9.24
CIR-6.00	17,940	20,000	7,410	14,120	2,490	10,930	-	1,500	NBR Dual Lip	PREMIUM TRB	13.40





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30 to +225
High and Low temperature options are available.

Specifications subject to change without notice.

CIR-R – TRACK ROLLERS

Channel & I-Beam – Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

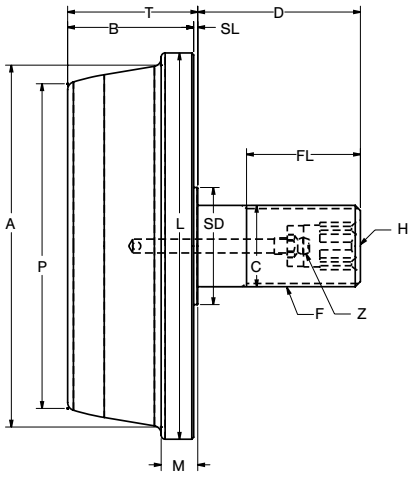
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER			WRENCH FLAT		Lube Size
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width		Dia.	Width	Len. + Roller Width	Size	Flat Len.	
CIR-3.00-R	2.56	1.13	0.625	1.50	5/8 - 18	0.75	-	2.94	0.31	2.23	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
CIR-3.00E-R	2.56	1.63	0.875	2.00	7/8 - 14	1.13	-	2.94	0.62	2.17	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CIR-3.00-1-R	2.50	1.63	1.000	2.25	1 - 14	1.50	-	2.94	0.50	2.06	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CIR-4.00-R	3.56	1.63	0.875	2.00	7/8 - 14	1.13	-	3.94	0.53	3.14	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CIR-4.00E-R	3.56	1.63	1.000	2.25	1 - 14	1.50	-	3.94	0.53	3.14	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CIR-4.00-1-R	3.00	1.75	1.000	2.25	1 - 14	1.50	-	3.94	0.59	2.56	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
CIR-5.00-R	4.56	1.63	1.000	2.25	1 - 14	1.50	-	4.94	0.50	4.13	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CIR-5.00E-R	4.56	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.94	0.69	4.05	1.8	0.06	2.00	-	-	1/4-28 UNF
CIR-5.00E-1-R	4.00	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	3.31	1.8	0.06	2.00	-	-	1/4-28 UNF
CIR-6.00-R	5.56	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	5.94	0.56	4.99	1.8	0.06	2.00	-	-	1/4-28 UNF

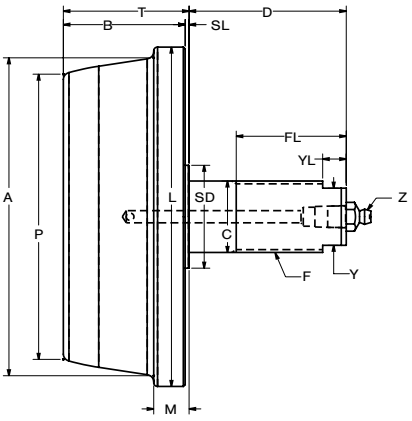
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly CIR-1 8.5° taper, all other CIR parts have a 9.5° taper



5.00E ROLLER DIA. AND LARGER



THROUGH 5.00 ROLLER DIA.



PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIR-3.00-R	3" & UP
CIR-3.00E-R	3" & UP
CIR-3.00-1-R	3" & UP
CIR-4.00-R	4" & UP
CIR-4.00E-R	4" & UP
CIR-4.00-1-R	4" & UP
CIR-5.00-R	5" & UP
CIR-5.00E-R	5" & UP
CIR-5.00E-1-R	5" & UP
CIR-6.00-R	6" & UP

CIR-R – TRACK ROLLERS

Channel & I-Beam – Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIR-3.00-R	2,660	1,400	670	350	15,000	1,240	550	350	NBR Lip	PREMIUM DGBB	1.64
CIR-3.00E-R	3,630	2,140	1,820	1,070	12,000	2,780	900	650	NBR Lip	PREMIUM DGBB	2.40
CIR-3.00-1-R	3,630	2,250	1,820	1,130	11,000	4,760	1,340	650	NBR Lip	PREMIUM DGBB	2.37
CIR-4.00-R	3,630	2,140	1,820	1,070	12,000	2,950	900	650	NBR Lip	PREMIUM DGBB	4.64
CIR-4.00E-R	5,390	3,510	2,700	1,760	8,500	6,450	1,340	650	NBR Lip	PREMIUM DGBB	4.65
CIR-4.00-1-R	13,720	14,800	5,130	9,470	2,100	5,970	-	1,500	NBR Dual Lip	PREMIUM TRB	3.98
CIR-5.00-R	5,390	3,510	2,700	1,760	8,500	6,280	1,340	650	NBR Lip	PREMIUM DGBB	7.58
CIR-5.00E-R	17,940	20,000	7,410	14,120	2,490	10,400	-	1,500	NBR Dual Lip	PREMIUM TRB	9.24
CIR-5.00E-1-R	17,940	20,000	7,410	14,120	2,490	10,800	-	1,500	NBR Dual Lip	PREMIUM TRB	9.24
CIR-6.00-R	17,940	20,000	7,410	14,120	2,490	10,930	-	1,500	NBR Dual Lip	PREMIUM TRB	13.40



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30 to +225
High and Low temperature options are available.

Specifications subject to change without notice.

CIRE – TRACK ROLLERS

Channel & I-Beam – Stud Eccentric Ball & Tapered Roller Bearings

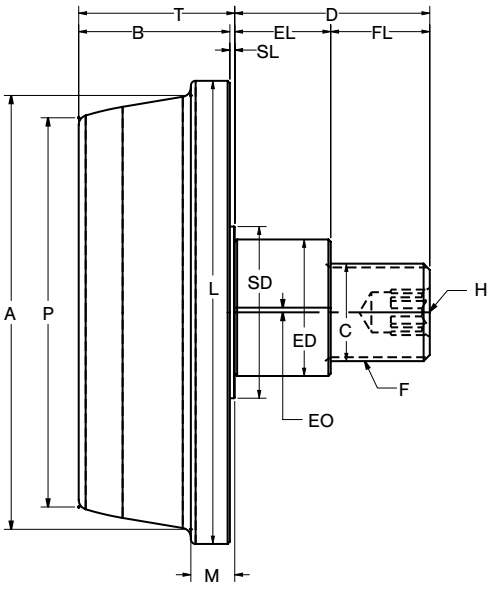
∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width		Dia.	Len.	Len + Roller Width
CIRE-3.00	2.56	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.94	0.31	2.23	1.1	0.06	1.19
CIRE-3.00E	2.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.62	2.17	1.5	0.06	1.69
CIRE-3.00-1	2.50	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	2.94	0.50	2.06	1.7	0.06	1.69
CIRE-4.00	3.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	3.94	0.53	3.14	1.5	0.06	1.69
CIRE-4.00E	3.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.94	0.53	3.14	1.7	0.06	1.69
CIRE-4.00-1	3.00	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	3.94	0.59	2.56	1.7	0.06	1.81
CIRE-5.00	4.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	4.94	0.50	4.13	1.7	0.06	1.69
CIRE-5.00E	4.56	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.94	0.69	4.05	2.2	0.06	2.00
CIRE-5.00E-1	4.00	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	3.31	2.2	0.06	2.00
CIRE-6.00	5.56	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	5.94	0.56	4.99	2.2	0.06	2.00

PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CIR-1 8.5° taper, all other CIR parts have a 9.5° taper





PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIRE-3.00	3" & UP
CIRE-3.00E	3" & UP
CIRE-3.00-1	3" & UP
CIRE-4.00	4" & UP
CIRE-4.00E	4" & UP
CIRE-4.00-1	4" & UP
CIRE-5.00	5" & UP
CIRE-5.00E	5" & UP
CIRE-5.00E-1	5" & UP
CIRE-6.00	6" & UP

Solutions Through Innovation

CIRE – TRACK ROLLERS

Channel & I-Beam – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (In-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIRE-3.00	2,660	1,400	670	350	15,000	1,240	550	650	NBR Lip	PREMIUM DGBB	1.66
CIRE-3.00E	3,630	2,140	1,820	1,070	12,000	2,780	900	900	NBR Lip	PREMIUM DGBB	2.59
CIRE-3.00-1	3,630	2,250	1,820	1,230	11,000	4,760	1,340	900	NBR Lip	PREMIUM DGBB	2.59
CIRE-4.00	3,630	2,140	1,820	1,070	12,000	2,950	900	900	NBR Lip	PREMIUM DGBB	4.86
CIRE-4.00E	5,390	3,510	2,790	1,760	8,500	7,240	1,340	900	NBR Lip	PREMIUM DGBB	4.93
CIRE-4.00-1	13,720	14,800	5,130	9,470	2,100	5,970	-	1,500	NBR Dual Lip	PREMIUM TRB	4.26
CIRE-5.00	5,390	3,510	2,700	1,760	8,500	7,360	1,340	900	NBR Lip	PREMIUM DGBB	7.85
CIRE-5.00E	17,940	20,000	7,410	14,120	2,490	12,080	-	1,500	NBR Dual Lip	PREMIUM TRB	9.71
CIRE-5.00E-1	17,940	20,000	7,410	14,120	2,490	12,620	-	1,500	NBR Dual Lip	PREMIUM TRB	9.71
CIRE-6.00	17,940	20,000	7,410	14,120	2,490	12,790	-	1,500	NBR Dual Lip	PREMIUM TRB	13.46





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30 to +225
High and Low temperature options are available.

Specifications subject to change without notice.

CIRE-R – TRACK ROLLERS

Channel & I-Beam – Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

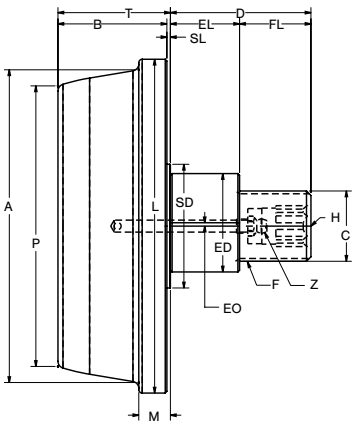
Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER			WRENCH FLAT		Lube Size
	Dia.	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width		Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
CIRE-3.00-R	2.56	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	2.94	0.31	2.23	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF
CIRE-3.00E-R	2.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.94	0.62	2.17	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CIRE-3.00-1-R	2.50	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	2.94	0.50	2.06	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CIRE-4.00-R	3.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	3.94	0.53	3.14	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CIRE-4.00E-R	3.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.94	0.53	3.14	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CIRE-4.00-1-R	3.00	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.94	0.59	2.56	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
CIRE-5.00-R	4.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	4.94	0.50	4.13	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CIRE-5.00E-R	4.56	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	4.94	0.69	4.05	2.2	0.06	2.00	-	-	1/4-28 UNF
CIRE-5.00E-1-R	4.00	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.94	0.59	3.31	2.2	0.06	2.00	-	-	1/4-28 UNF
CIRE-6.00-R	5.56	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	5.94	0.56	4.99	2.2	0.06	2.00	-	-	1/4-28 UNF

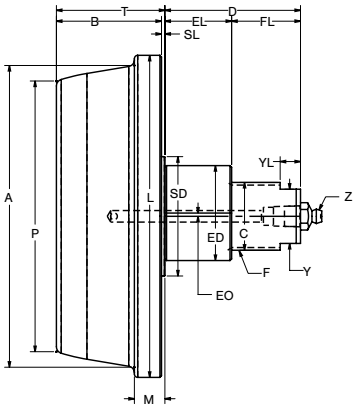
PCI's standard part number features ∞Infinity Roller™ Technology to target and address the most vulnerable areas of the assembly
CIR-1 8.5° taper, all other CIR parts have a 9.5° taper



5.00E ROLLER DIA. AND LARGER



THROUGH 5.00 ROLLER DIA.



PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIRE-3.00-R	3" & UP
CIRE-3.00E-R	3" & UP
CIRE-3.00-1-R	3" & UP
CIRE-4.00-R	4" & UP
CIRE-4.00E-R	4" & UP
CIRE-4.00-1-R	4" & UP
CIRE-5.00-R	5" & UP
CIRE-5.00E-R	5" & UP
CIRE-5.00E-1-R	5" & UP
CIRE-6.00-R	6" & UP

CIRE-R – TRACK ROLLERS

Channel & I-Beam – Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (In-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIRE-3.00-R	2,660	1,400	670	350	15,000	1,240	550	650	NBR Lip	PREMIUM DGBB	1.66
CIRE-3.00E-R	3,630	2,140	1,820	1,070	12,000	2,780	900	900	NBR Lip	PREMIUM DGBB	2.61
CIRE-3.00-1-R	3,630	2,250	1,820	1,130	11,000	4,760	1,340	900	NBR Lip	PREMIUM DGBB	2.69
CIRE-4.00-R	3,630	2,140	1,820	1,070	12,000	2,950	900	900	NBR Lip	PREMIUM DGBB	4.86
CIRE-4.00E-R	5,390	3,510	2,700	1,760	8,500	7,240	1,340	900	NBR Lip	PREMIUM DGBB	4.93
CIRE-4.00-1-R	13,720	14,800	5,130	9,470	2,100	5,970	-	1,500	NBR Dual Lip	PREMIUM TRB	4.26
CIRE-5.00-R	5,390	3,510	2,700	1,760	8,500	7,360	1,340	900	NBR Lip	PREMIUM DGBB	7.85
CIRE-5.00E-R	17,940	20,000	7,410	14,120	2,490	12,080	-	1,500	NBR Dual Lip	PREMIUM TRB	9.71
CIRE-5.00E-1-R	17,940	20,000	7,410	14,120	2,490	12,620	-	1,500	NBR Dual Lip	PREMIUM TRB	9.71
CIRE-6.00-R	17,940	20,000	7,410	14,120	2,490	12,790	-	1,500	NBR Dual Lip	PREMIUM TRB	13.39





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30 to +225
High and Low temperature options are available.

Specifications subject to change without notice.

PCI®

Solutions Through Innovation





LOAD BEARING ROLLER ASSEMBLIES

EXTREME DUTY

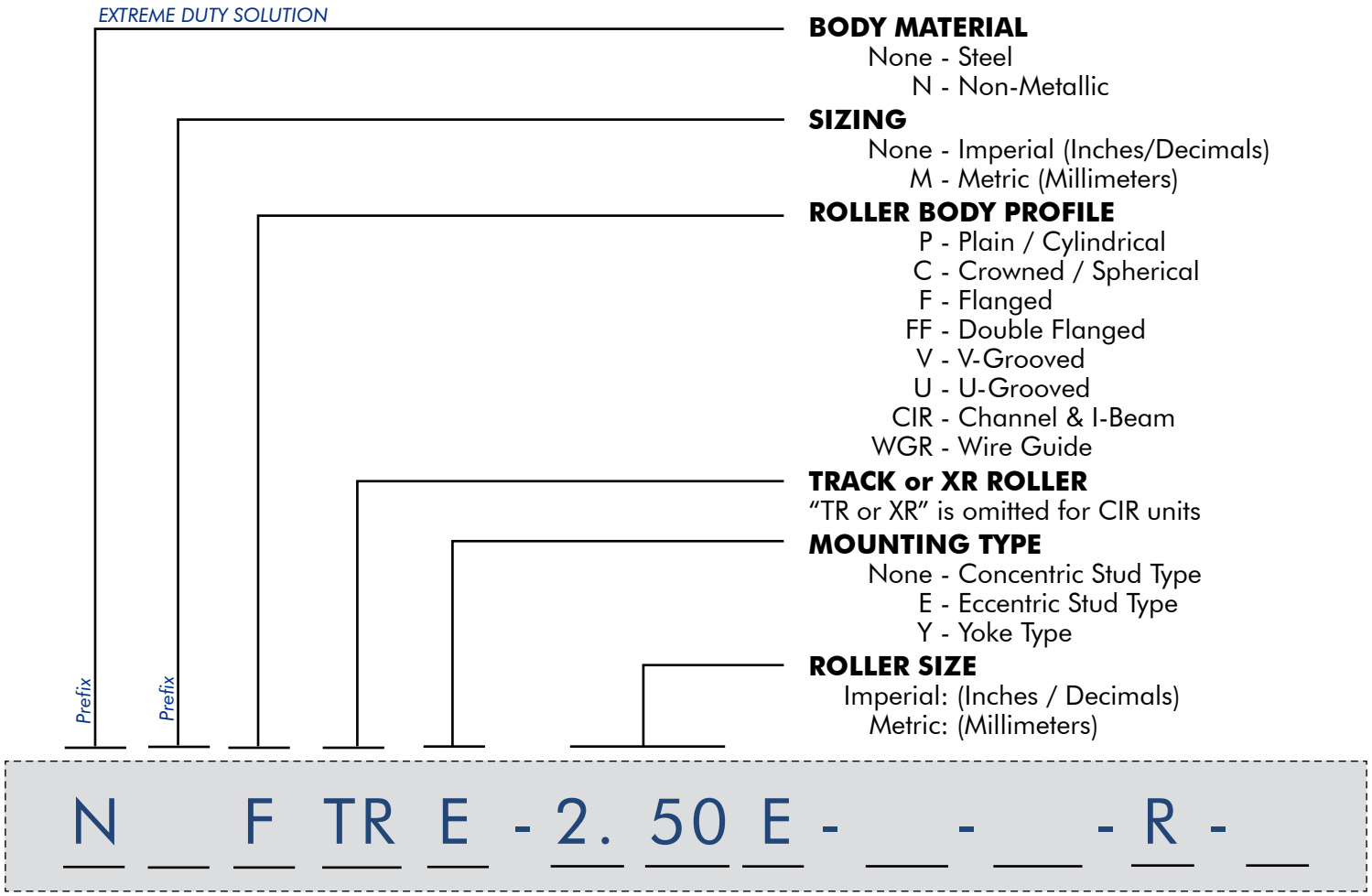


989-358-6148 | www.pcimfg.com

LOAD BEARING ROLLER ASSEMBLIES

Extreme Duty Assemblies
Part Number Nomenclature

∞ | *Infinity Roller™ Technology*



HIGH TEMPERATURE APPLICATION CHALLENGES

PCI's standard-temperature Track Rollers and XR Rollers are designed to withstand continuous temperatures up to 225°F. Exposure to temperatures beyond this level will cause premature roller failure due to the breakdown of two critical components: lubrication and seals. The operational consequences of exposing unsuitable rollers to high temperatures can be significant. Premature roller failure in these extreme environments results in more frequent maintenance and replacements, which drives up operational costs and system downtime.



SEAL DEGREDATION

At elevated temperatures, traditional seals melt and degrade, allowing for contaminants to enter damaging internal components



LUBRICANT FAILURE

In high-temperature conditions, standard grease breaks down and escapes from the bearing cavity, leading to increased friction and wear

APPLICATION ASSISTANCE

To assist customers with their unique application, our staff engages in the specific details, evaluates, and provides analysis of failure modes, wear patterns and costs associated with routine maintenance, replacement cycles and performance. Our industry knowledge, coupled with our desire to help craft the most viable options, drive PCI to provide Solutions Through Innovation. PCI Engineers recognize that other manufacture's one size fits all mentality does not make the cut when it comes to customer's specific and unique applications. PCI utilizes decades of real world experience, to provide in house test facilities, load calculation assistance, and track capacity determination for applications, regardless of body and track profile. Customer satisfaction motivates us to continue to design and innovate with excellence.



EXTREME DUTY SOLUTIONS

High Temperature Applications
The Solution

∞ | *Infinity Roller™ Technology*

PCI has developed innovative Load Bearing Roller Assembly (LBRA) solutions for more than 40 years. An integral part of our success has been our commitment to understanding the ever-changing needs of our valued customers and developing solutions that turn application hurdles into success stories. Our constant drive to provide Solutions Through Innovation has fueled the development of our Extreme Duty Solutions. PCI High Temperature options address the most common failure points in high-temperature environments, minimizing downtime and maximizing roller life.
To meet the demands of high-temperature operations, contact PCI Customer Service.

HT SERIES – FOR UP TO 350° F

Fluorocarbon Lip Seals: Ensure lasting protection of internal bearing elements in high-temperature applications

Premium High-Temp Lubricant: Maximize bearing performance in extreme duty environments where other lubricants fail

User-Friendly Design: Supplied with either lube-for life or relubrication configurations to simplify installation and routine maintenance processes

XHT SERIES – FOR UP TO 660° F

Steel Shields: Provide maximum protection of bearing elements where alternative seal materials will prematurely fail

Cobra Solid Lubricant™: Graphite-based solid lubricant designed to maximize performance within extreme high temperatures

- No relubrication requirements
- Will not degrade, leak, or wash out from rollers, even in extreme applications
- Minimal maintenance requirements
- High resistance to contaminants

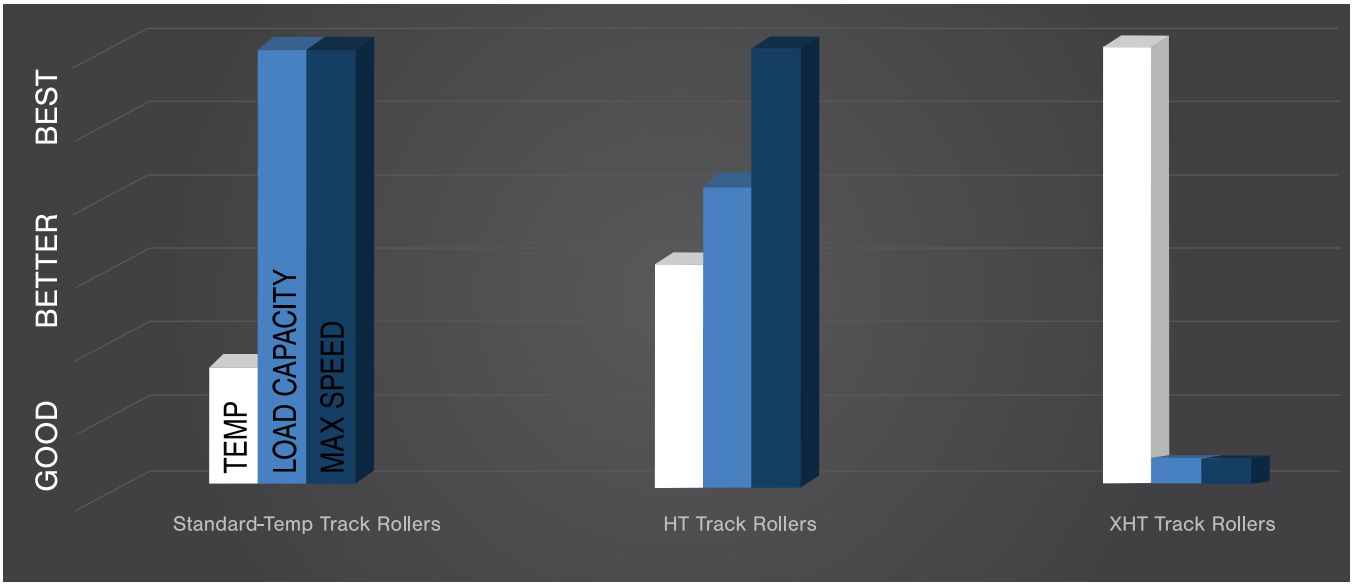


*Chart values are based on maximum temperature ratings, tensile and yield strength values for the assembly.

HOW DO PCI ROLLERS DEFEND AGAINST HIGH-TEMPERATURE ENVIRONMENTS?
PCI conducted an operation temperature limit test to assess climate resistance by subjecting several PCI rollers to an extreme heat source. The test replicated severe temperature environments to identify material vulnerabilities and predict performance under real-word conditions. The test was carried out maintaining a constant temperature while rollers of the same bearing size were continuously rotated to ensure uniformity. All rollers underwent monitoring, inspection, and documentation until failure of the unit.



CARBON STEEL ROLLER
Rated for 225°F
Failed at 250°F



HIGH TEMPERATURE "HT" ROLLER
Rated for 350°F
Failed at 375°F



EXTREME HIGH TEMPERATURE "XHT" ROLLER
Rated for 660°F
Began to see rolling resistance at 675°F



Carbon Steel Rollers utilize Nitrile Rubber Dual Lip Seal with premium synthetic lubricant



"HT" Rollers utilize Fluorocarbon Lip Seal with premium synthetic high temperature lubricant



"XHT" incorporates Cobra Solid Lubricant™ - a mixture of graphite and binders creating a solid lubricant that fills the entire space between the races, rolling elements and cage.

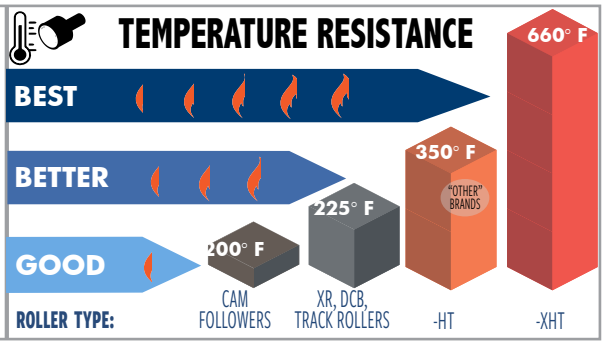
Cobra Solid Lubricant™ (CSL) is a trademark of Unique Technologies Associates

EXTREME DUTY SOLUTIONS

XR Rollers and Track Rollers Options
High Temperature - HT +350°F

∞ | *Infinity Roller™ Technology*

EXTEND PERFORMANCE WITH RELUBE
PCI High Temperature Rollers are available IN STOCK with regreasing provisions to maximize life in your demanding application. PCI High Temperature Rollers are supplied with wrench flats for easy installation and a readily accessible grease fitting located in the end of the stud for ease of maintenance. Add a "-R" suffix to the part number to Replenish & ReUse…Relube





440 STAINLESS STEEL PRECISION DEEP GROOVE BALL BEARINGS
optimize balance of corrosion resistance and dynamic load capacity.

BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains the integrity of the assembly by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER*
adds protection against direct spray and contamination.

**Features dependent on size and Type of unit. See specifications for details.*

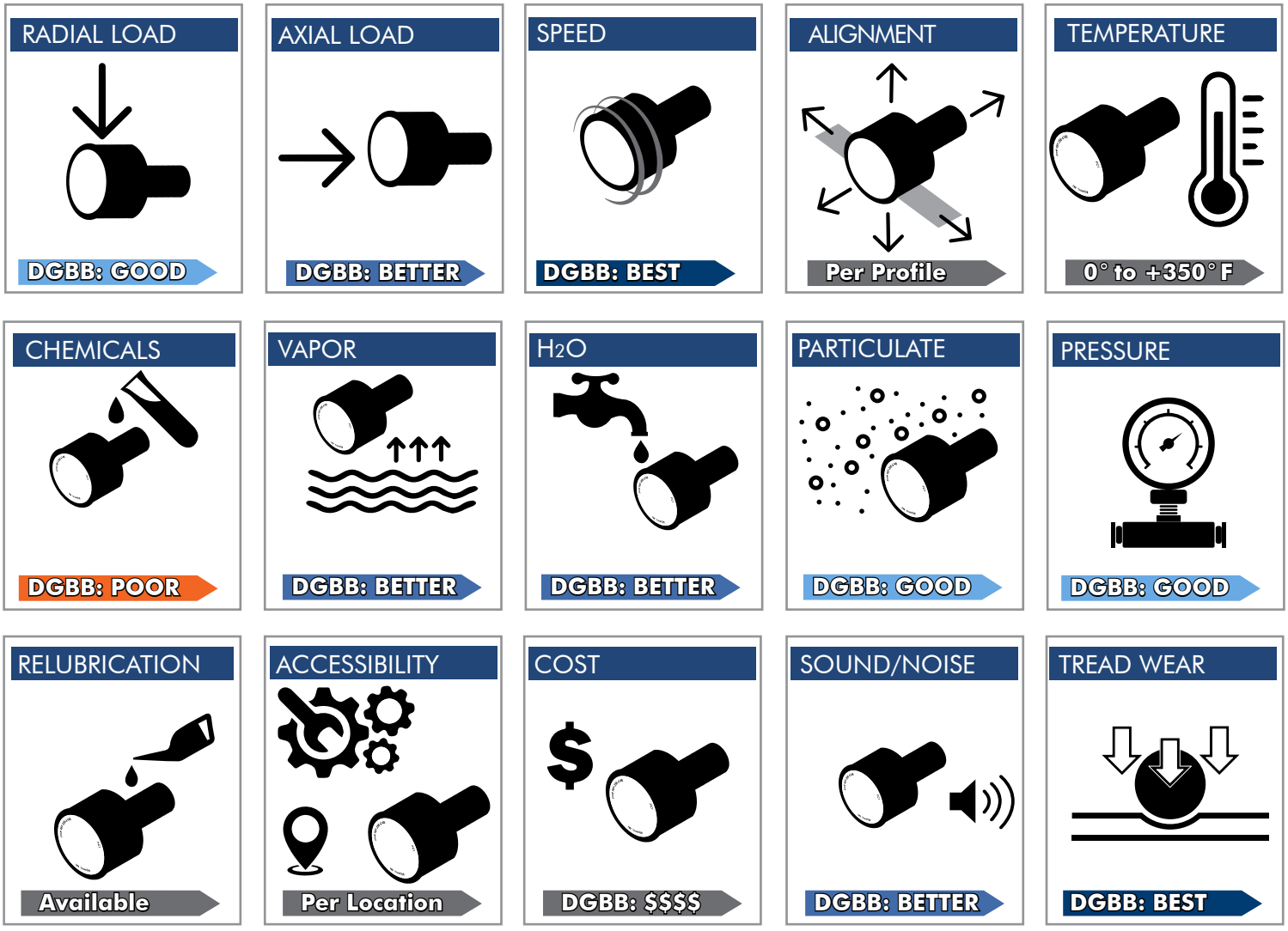
FLUOROCARBON RUBBER LIP SEALS
maximize protection of the bearing elements from high heat, chemicals and external contamination.

PREMIUM SYNTHETIC HIGH TEMP LUBRICANT
performs in applications up to 350°F (Continuous).

STRESSPROOF® STUD OR EASY INSTALLATION SLIP FIT BORE
is high strength material providing dependable performance under load.

TECHNICAL ASSISTANCE AND PRODUCT SELECTION

Application factors greatly impact proper selection and functionality of your load bearing roller assembly. If selection is conducted in haste, a load bearing roller assembly may be inadequately selected, leading to premature failure and costly downtime. This dashboard indicator will help you determine which PCI Load Bearing Roller Assembly is right for your unique application.



Dashboard Indicating Color Scale

= informational only

Intentional Blank Page

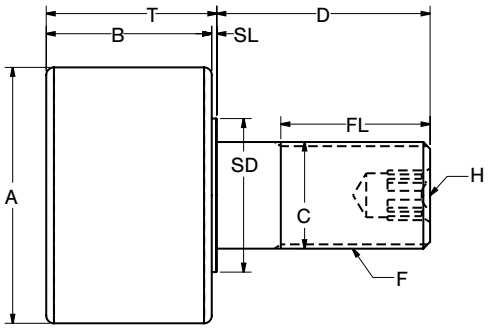
PTR-HT – HIGH TEMP. +350°F

Plain/Cylindrical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
PTR-1.00-HT	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
PTR-1.125-HT	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
PTR-1.25-HT	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
PTR-1.375-HT	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
PTR-1.50-HT	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	0.8	0.06	1.19
PTR-1.75-5-HT	1.750	1.13	0.500	0.88	1/2- 13	0.75	-	.625(HEX)	0.32	1.44
PTR-1.75-HT	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.06	1.19
PTR-2.00-HT	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
PTR-2.25-HT	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
PTR-2.50-HT	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
PTR-2.75-HT	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
PTR-3.00A-HT	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-3.25A-HT	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-3.50A-HT	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-4.00A-HT	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00





PTR-HT – HIGH TEMP. +350°F

Plain/Cylindrical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTR-1.00-HT	560	270	140	70	24,000	500	470	180	350°F	PFC Lip	DGBB-SS	0.17
PTR-1.125-HT	560	270	140	70	24,000	500	470	180	350°F	PFC Lip	DGBB-SS	0.22
PTR-1.25-HT	740	370	190	100	19,000	900	470	180	350°F	PFC Lip	DGBB-SS	0.30
PTR-1.375-HT	740	370	190	100	19,000	900	470	180	350°F	PFC Lip	DGBB-SS	0.36
PTR-1.50-HT	2,090	1,350	530	340	17,000	1,570	550	350	350°F	PFC Lip	DGBB-SS	0.56
PTR-1.75-5-HT	2,090	1,350	530	340	17,000	1,020	550	650	350°F	PFC Lip	DGBB-SS	0.70
PTR-1.75-HT	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	0.86
PTR-2.00-HT	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	1.39
PTR-2.25-HT	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	1.86
PTR-2.50-HT	4,270	3,440	1,070	860	8,500	8,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.34
PTR-2.75-HT	4,270	3,440	1,070	860	8,500	8,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.82
PTR-3.00A-HT	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	3.99
PTR-3.25A-HT	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.65
PTR-3.50A-HT	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.48
PTR-4.00A-HT	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	7.13



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

PTR-HT-R – HIGH TEMP. +350°F

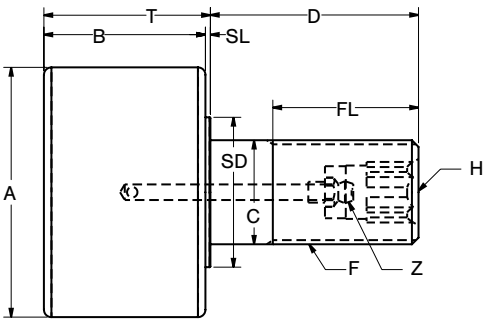
Plain/Cylindrical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

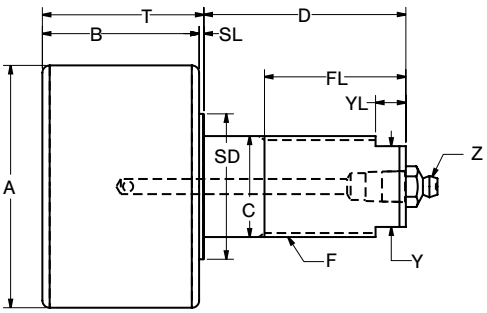
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
PTR-1.00-HT-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	0.5	0.03	0.78	0.312	0.250	1/8 Drive
PTR-1.125-HT-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	0.5	0.03	0.78	0.312	0.250	1/8 Drive
PTR-1.25-HT-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	0.6	0.03	0.84	0.375	0.250	1/8 Drive
PTR-1.375-HT-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	0.6	0.03	0.84	0.375	0.250	1/8 Drive
PTR-1.50-HT-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
PTR-1.75-HT-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	0.9	0.06	1.19	0.625	0.375	1/8-27 NPT
PTR-2.00-HT-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
PTR-2.25-HT-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
PTR-2.50-HT-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
PTR-2.75-HT-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
PTR-3.00A-HT-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF
PTR-3.25A-HT-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF
PTR-3.50A-HT-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF
PTR-4.00A-HT-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF



THROUGH 3.00-PTR-HT



3.00-PTR-HT AND LARGER



PTR-HT-R – HIGH TEMP. +350°F

Plain/Cylindrical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) C_o	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTR-1.00-HT-R	560	270	140	70	24,000	500	470	180	350°F	PFC Lip	DGBB-SS	0.17
PTR-1.125-HT-R	560	270	140	70	24,000	500	470	180	350°F	PFC Lip	DGBB-SS	0.22
PTR-1.25-HT-R	740	370	190	100	19,000	900	470	180	350°F	PFC Lip	DGBB-SS	0.30
PTR-1.375-HT-R	740	370	190	100	19,000	900	470	180	350°F	PFC Lip	DGBB-SS	0.36
PTR-1.50-HT-R	2,090	1,350	530	340	17,000	1,570	550	350	350°F	PFC Lip	DGBB-SS	0.56
PTR-1.75-HT-R	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	0.86
PTR-2.00-HT-R	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	1.39
PTR-2.25-HT-R	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	1.86
PTR-2.50-HT-R	4,270	3,440	1,070	860	8,500	8,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.34
PTR-2.75-HT-R	4,270	3,440	1,070	860	8,500	8,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.82
PTR-3.00A-HT-R	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	3.99
PTR-3.25A-HT-R	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.65
PTR-3.50A-HT-R	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.48
PTR-4.00A-HT-R	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	7.13



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

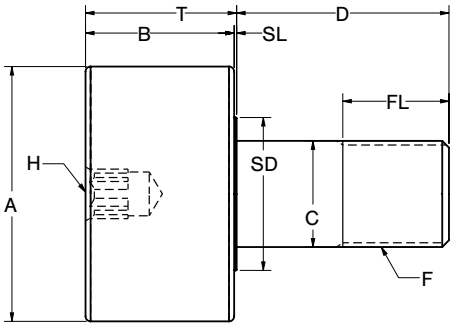
PXR-HT – HIGH TEMP. +350°F

Plain/Cylindrical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
PXR-1.00-HT	1.000	0.63	0.438	1.00	7/16 - 20	0.50	5/16	0.6	0.03	0.66
PXR-1.125-HT	1.125	0.63	0.438	1.00	7/16 - 20	0.50	5/16	0.6	0.03	0.66
PXR-1.25-HT	1.250	0.75	0.500	1.25	1/2 - 20	0.63	5/16	0.6	0.03	0.78
PXR-1.375-HT	1.375	0.75	0.500	1.25	1/2 - 20	0.63	5/16	0.6	0.03	0.78
PXR-1.50-HT	1.500	0.88	0.625	1.50	5/8 - 18	0.75	5/16	0.8	0.03	0.91
PXR-1.75-HT	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.03	1.03
PXR-2.00-HT	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28
PXR-2.25-HT	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28
PXR-2.50-HT	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-2.75-HT	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-3.00A-HT	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78
PXR-3.25A-HT	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78
PXR-3.50A-HT	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	1.8	0.03	2.03
PXR-4.00A-HT	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	1.8	0.03	2.28





Solutions Through Innovation

PXR-HT – HIGH TEMP. +350°F

Plain/Cylindrical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXR-1.00-HT	510	360	130	90	20,000	1,740	470	180	350°F	PFC Lip	DGBB-SS	0.17
PXR-1.125-HT	510	360	130	90	20,000	1,740	470	180	350°F	PFC Lip	DGBB-SS	0.22
PXR-1.25-HT	920	660	230	170	20,000	2,210	470	180	350°F	PFC Lip	DGBB-SS	0.30
PXR-1.375-HT	920	660	230	170	20,000	2,210	470	180	350°F	PFC Lip	DGBB-SS	0.35
PXR-1.50-HT	1,450	1,150	370	290	14,000	3,720	910	350	350°F	PFC Lip	DGBB-SS	0.45
PXR-1.75-HT	1,450	1,150	370	290	14,000	5,570	910	650	350°F	PFC Lip	DGBB-SS	0.75
PXR-2.00-HT	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.22
PXR-2.25-HT	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.50
PXR-2.50-HT	4,270	3,440	1,070	860	8,500	9,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.17
PXR-2.75-HT	4,270	3,440	1,070	860	8,500	9,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.60
PXR-3.00A-HT	5,030	4,590	1,260	1,150	7,000	15,450	1,950	1,500	350°F	PFC Lip	DGBB-SS	3.56
PXR-3.25A-HT	5,030	4,590	1,260	1,150	7,000	15,450	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.31
PXR-3.50A-HT	5,320	5,130	1,330	1,290	6,300	18,070	3,000	1,500	350°F	PFC Lip	DGBB-SS	5.47
PXR-4.00A-HT	5,320	5,130	1,330	1,290	6,300	20,920	3,000	1,500	350°F	PFC Lip	DGBB-SS	8.25



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

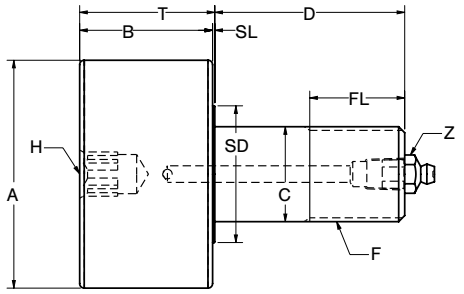
PXR-HT-R – HIGH TEMP. +350°F

Plain/Cylindrical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T	Z
	ROLLER		STUD		THREAD		Hex Size	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width	
PXR-1.75-HT-R	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.03	1.03	1/8-27 NPT
PXR-2.00-HT-R	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28	1/8-27 NPT
PXR-2.25-HT-R	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28	1/8-27 NPT
PXR-2.50-HT-R	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53	1/8-27 NPT
PXR-2.75-HT-R	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53	1/8-27 NPT
PXR-3.00A-HT-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78	1/8-27 NPT
PXR-3.25A-HT-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78	1/8-27 NPT
PXR-3.50A-HT-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	1.8	0.03	2.03	1/8-27 NPT
PXR-4.00A-HT-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	1.8	0.03	2.28	1/8-27 NPT





Solutions Through Innovation

PXR-HT-R – HIGH TEMP. +350°F

Plain/Cylindrical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (Lbf) C	Basic Radial Static Load Rating (Lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (Lbf)	Retaining Ring Capacity (Lbf)	Max. Clamping Torque (In-Lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (Lbs)
PXR-1.75-HT-R	1,450	1,150	370	290	14,000	5,570	910	650	350°F	PFC Lip	DGBB-SS	0.75
PXR-2.00-HT-R	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.22
PXR-2.25-HT-R	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.50
PXR-2.50-HT-R	4,270	3,440	1,070	860	8,500	9,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.17
PXR-2.75-HT-R	4,270	3,440	1,070	860	8,500	9,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.60
PXR-3.00A-HT-R	5,030	4,590	1,260	1,150	7,000	15,450	1,950	1,500	350°F	PFC Lip	DGBB-SS	3.56
PXR-3.25A-HT-R	5,030	4,590	1,260	1,150	7,000	15,450	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.31
PXR-3.50A-HT-R	5,320	5,130	1,330	1,290	6,300	18,070	3,000	1,500	350°F	PFC Lip	DGBB-SS	5.47
PXR-4.00A-HT-R	5,320	5,130	1,330	1,290	6,300	20,920	3,000	1,500	350°F	PFC Lip	DGBB-SS	8.25



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

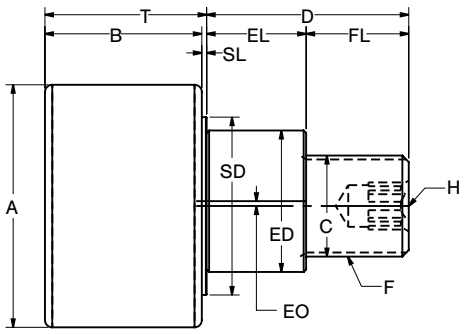
PTRE-HT – HIGH TEMP. +350°F

Plain/Cylindrical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.0010	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
PTRE-1.00-HT	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
PTRE-1.125-HT	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
PTRE-1.25-HT	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
PTRE-1.375-HT	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
PTRE-1.50-HT	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	1.1	0.06	1.19
PTRE-1.75-HT	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	1.3	0.06	1.19
PTRE-2.00-HT	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
PTRE-2.25-HT	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
PTRE-2.50-HT	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
PTRE-2.75-HT	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
PTRE-3.00A-HT	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.25A-HT	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.50A-HT	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-4.00A-HT	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00





PTRE-HT – HIGH TEMP. +350°F

Plain/Cylindrical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRE-1.00-HT	560	270	140	70	24,000	500	470	250	350°F	PFC Lip	DGBB-SS	0.17
PTRE-1.125-HT	560	270	140	70	24,000	500	470	250	350°F	PFC Lip	DGBB-SS	0.22
PTRE-1.25-HT	740	370	190	100	19,000	930	470	250	350°F	PFC Lip	DGBB-SS	0.30
PTRE-1.375-HT	740	370	190	100	19,000	930	470	250	350°F	PFC Lip	DGBB-SS	0.36
PTRE-1.50-HT	2,090	1,350	530	340	17,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	0.56
PTRE-1.75-HT	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	0.86
PTRE-2.00-HT	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	1.39
PTRE-2.25-HT	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	1.86
PTRE-2.50-HT	4,270	3,440	1,070	860	8,500	9,660	1,340	650	350°F	PFC Lip	DGBB-SS	2.34
PTRE-2.75-HT	4,270	3,440	1,070	860	8,500	9,660	1,340	650	350°F	PFC Lip	DGBB-SS	2.82
PTRE-3.00A-HT	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	3.99
PTRE-3.25A-HT	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.65
PTRE-3.50A-HT	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.48
PTRE-4.00A-HT	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	7.13



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

PTRE-HT-R – HIGH TEMP. +350°F

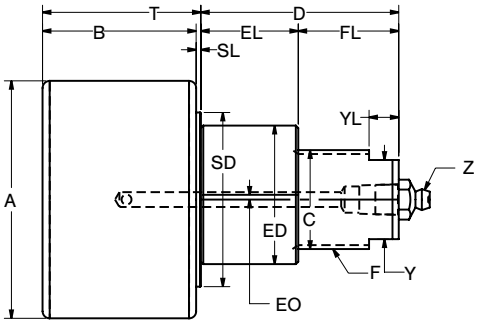
Plain/Cylindrical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

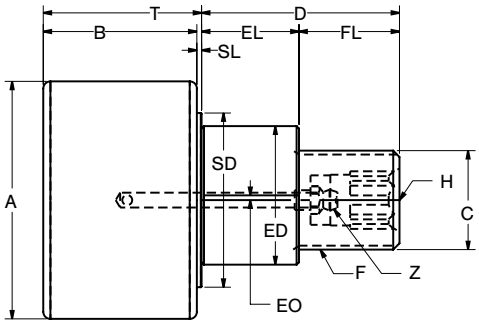
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
PTRE-1.00-HT-R	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	0.7	0.03	0.78	0.312	0.250	1/8 Drive
PTRE-1.125-HT-R	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	0.7	0.03	0.78	0.312	0.250	1/8 Drive
PTRE-1.25-HT-R	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	0.8	0.03	0.84	0.375	0.250	1/8 Drive
PTRE-1.375-HT-R	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	0.8	0.03	0.84	0.375	0.250	1/8 Drive
PTRE-1.50-HT-R	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF
PTRE-1.75-HT-R	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	-	1.3	0.06	1.19	0.625	0.375	1/8-27 NPT
PTRE-2.00-HT-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
PTRE-2.25-HT-R	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
PTRE-2.50-HT-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
PTRE-2.75-HT-R	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
PTRE-3.00A-HT-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.25A-HT-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.50A-HT-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-4.00A-HT-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF



THROUGH 2.75-R



3.00 ROLLER DIA. AND LARGER



PTRE-HT-R – HIGH TEMP. +350°F

Plain/Cylindrical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRE-1.00-HT-R	560	270	140	70	24,000	500	470	250	350°F	PFC Lip	DGBB-SS	0.17
PTRE-1.125-HT-R	560	270	140	70	24,000	500	470	250	350°F	PFC Lip	DGBB-SS	0.22
PTRE-1.25-HT-R	740	370	190	100	19,000	930	470	250	350°F	PFC Lip	DGBB-SS	0.30
PTRE-1.375-HT-R	740	370	190	100	19,000	930	470	250	350°F	PFC Lip	DGBB-SS	0.36
PTRE-1.50-HT-R	2,090	1,350	530	340	17,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	0.56
PTRE-1.75-HT-R	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	0.86
PTRE-2.00-HT-R	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	1.39
PTRE-2.25-HT-R	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	1.86
PTRE-2.50-HT-R	4,270	3,440	1,070	860	8,500	9,660	1,340	650	350°F	PFC Lip	DGBB-SS	2.34
PTRE-2.75-HT-R	4,270	3,440	1,070	860	8,500	9,660	1,340	650	350°F	PFC Lip	DGBB-SS	2.82
PTRE-3.00A-HT-R	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	3.99
PTRE-3.25A-HT-R	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.65
PTRE-3.50A-HT-R	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.48
PTRE-4.00A-HT-R	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	7.13



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

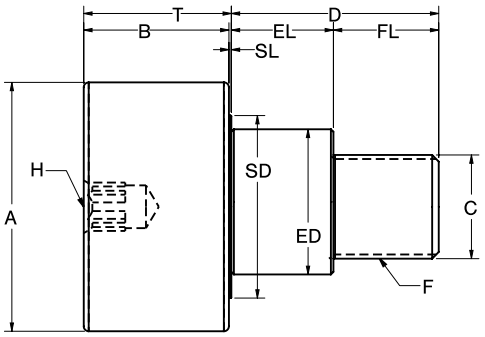
PXRE-HT – HIGH TEMP. +350°F

Plain/Cylindrical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
PXRE-1.00-HT	1.000	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	0.8	0.03	0.66
PXRE-1.125-HT	1.125	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	0.8	0.03	0.66
PXRE-1.25-HT	1.250	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	0.9	0.03	0.78
PXRE-1.375-HT	1.375	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	0.9	0.03	0.78
PXRE-1.50-HT	1.500	0.88	0.625	1.50	0.875	0.75	0.03	5/8 - 18	0.75	5/16	1.0	0.03	0.91
PXRE-1.75-HT	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	1.2	0.03	1.03
PXRE-2.00-HT	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28
PXRE-2.25-HT	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28
PXRE-2.50-HT	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-2.75-HT	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-3.00A-HT	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.25A-HT	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.50A-HT	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03
PXRE-4.00A-HT	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28





PXRE-HT – HIGH TEMP. +350°F

Plain/Cylindrical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXRE-1.00-HT	510	360	130	90	20,000	3,450	470	250	350°F	PFC Lip	DGBB-SS	0.17
PXRE-1.125-HT	510	360	130	90	20,000	3,450	470	250	350°F	PFC Lip	DGBB-SS	0.22
PXRE-1.25-HT	920	660	230	170	20,000	2,920	470	250	350°F	PFC Lip	DGBB-SS	0.30
PXRE-1.375-HT	920	660	230	170	20,000	2,920	470	250	350°F	PFC Lip	DGBB-SS	0.35
PXRE-1.50-HT	1,450	1,150	370	290	14,000	7,050	910	650	350°F	PFC Lip	DGBB-SS	0.53
PXRE-1.75-HT	1,450	1,150	370	290	14,000	5,570	910	650	350°F	PFC Lip	DGBB-SS	0.84
PXRE-2.00-HT	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.46
PXRE-2.25-HT	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.78
PXRE-2.50-HT	4,270	3,440	1,070	860	8,500	11,110	1,340	650	350°F	PFC Lip	DGBB-SS	2.43
PXRE-2.75-HT	4,270	3,440	1,070	860	8,500	11,110	1,340	650	350°F	PFC Lip	DGBB-SS	2.89
PXRE-3.00A-HT	5,030	4,590	1,260	1,150	7,000	24,920	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.00
PXRE-3.25A-HT	5,030	4,590	1,260	1,150	7,000	24,920	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.36
PXRE-3.50A-HT	5,320	5,130	1,330	1,290	6,300	33,660	3,000	1,500	350°F	PFC Lip	DGBB-SS	6.00
PXRE-4.00A-HT	5,320	5,130	1,330	1,290	6,300	33,830	3,000	1,500	350°F	PFC Lip	DGBB-SS	9.11



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

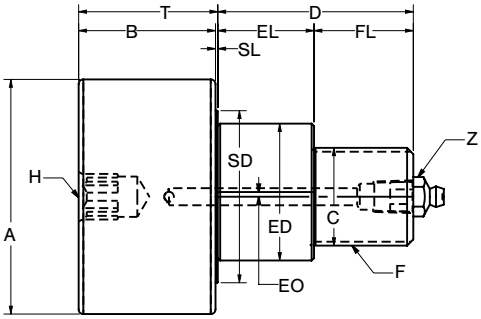
PXRE-HT-R – HIGH TEMP. +350°F

Plain/Cylindrical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width	
PXRE-1.75-HT-R	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	1.2	0.03	1.03	1/8-27 NPT
PXRE-2.00-HT-R	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28	1/8-27 NPT
PXRE-2.25-HT-R	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28	1/8-27 NPT
PXRE-2.50-HT-R	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53	1/8-27 NPT
PXRE-2.75-HT-R	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53	1/8-27 NPT
PXRE-3.00A-HT-R	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78	1/8-27 NPT
PXRE-3.25A-HT-R	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78	1/8-27 NPT
PXRE-3.50A-HT-R	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03	1/8-27 NPT
PXRE-4.00A-HT-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28	1/8-27 NPT





PXRE-HT-R – HIGH TEMP. +350°F

Plain/Cylindrical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXRE-1.75-HT-R	1,450	1,150	370	290	14,000	5,570	910	650	350°F	PFC Lip	DGBB-SS	0.84
PXRE-2.00-HT-R	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.46
PXRE-2.25-HT-R	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.78
PXRE-2.50-HT-R	4,270	3,440	1,070	860	8,500	11,110	1,340	650	350°F	PFC Lip	DGBB-SS	2.43
PXRE-2.75-HT-R	4,270	3,440	1,070	860	8,500	11,110	1,340	650	350°F	PFC Lip	DGBB-SS	2.89
PXRE-3.00A-HT-R	5,030	4,590	1,260	1,150	7,000	24,920	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.00
PXRE-3.25A-HT-R	5,030	4,590	1,260	1,150	7,000	24,920	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.36
PXRE-3.50A-HT-R	5,320	5,130	1,330	1,290	6,300	33,660	3,000	1,500	350°F	PFC Lip	DGBB-SS	6.00
PXRE-4.00A-HT-R	5,320	5,130	1,330	1,290	6,300	33,830	3,000	1,500	350°F	PFC Lip	DGBB-SS	9.11



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

PTRY-HT – HIGH TEMP. +350°F

Plain/Cylindrical – Yoke

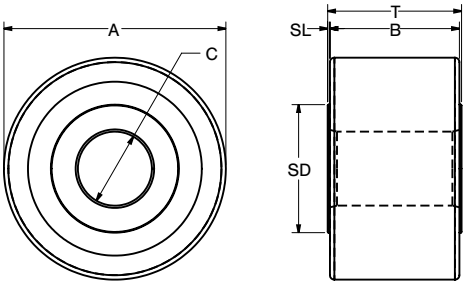
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	SD	SL	T
	ROLLER			SHOULDER		
	Dia. +.000 -.001	Width	Bore Dia. +.0007 -.0000	Dia.	Len.	Inner Race Width +.005 -.010
PTRY-1.00-HT	1.000	0.63	0.3130	0.6	0.03	0.690
PTRY-1.125-HT	1.125	0.63	0.3130	0.6	0.03	0.690
PTRY-1.25-HT	1.250	0.75	0.3755	0.6	0.03	0.813
PTRY-1.375-HT	1.375	0.75	0.3755	0.6	0.03	0.813
PTRY-1.50-HT	1.500	0.88	0.4380	0.9	0.03	0.937
PTRY-1.75-HT	1.750	1.00	0.5005	0.9	0.03	1.063
PTRY-2.00-HT	2.000	1.25	0.6255	1.1	0.03	1.313
PTRY-2.25-HT	2.250	1.25	0.6255	1.1	0.03	1.313
PTRY-2.50-HT	2.500	1.50	0.7505	1.2	0.03	1.563
PTRY-2.75-HT	2.750	1.50	0.7505	1.2	0.03	1.563
PTRY-3.00A-HT	3.000	1.75	1.0005	1.8	0.03	1.813
PTRY-3.25A-HT	3.250	1.75	1.0005	1.8	0.03	1.813
PTRY-3.50A-HT	3.500	2.00	1.1255	2.0	0.03	2.063
PTRY-4.00A-HT	4.000	2.25	1.2505	2.0	0.03	2.313

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312	YSHE-.312
YSH-.312	YSHE-.312
YSH-.375	YSHE-.375
YSH-.375	YSHE-.375
YSH-.437	YSHE-.437
YSH-.500	YSHE-.500
YSH-.625	YSHE-.625
YSH-.625	YSHE-.625
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-1.000	YSHE-1.000
YSH-1.000	YSHE-1.000
YSH-1.125	YSHE-1.125
YSH-1.250	YSHE-1.250





PTRY-HT – HIGH TEMP. +350°F

Plain/Cylindrical – Yoke
440 Stainless Steel Ball Bearings
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRY-1.00-HT	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.09
PTRY-1.125-HT	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.13
PTRY-1.25-HT	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.18
PTRY-1.375-HT	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.23
PTRY-1.50-HT	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.31
PTRY-1.75-HT	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.51
PTRY-2.00-HT	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	0.82
PTRY-2.25-HT	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.10
PTRY-2.50-HT	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	1.59
PTRY-2.75-HT	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	2.03
PTRY-3.00A-HT	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	2.47
PTRY-3.25A-HT	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	3.09
PTRY-3.50A-HT	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	4.00
PTRY-4.00A-HT	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	6.36



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

PTRY-HT-R – HIGH TEMP. +350°F

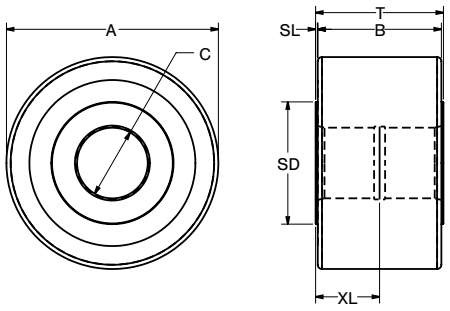
Plain/Cylindrical – Yoke

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	SD	SL	T	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	SHOULDER		Inner Race Width +.005 -.010	Grease Groove Location	Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width		Dia.	Len.				
PTRY-1.00-HT-R	1.000	0.63	0.3130	0.6	0.03	0.690	0.34	YSH-.312-R	YSHE-.312-R
PTRY-1.125-HT-R	1.125	0.63	0.3130	0.6	0.03	0.690	0.34	YSH-.312-R	YSHE-.312-R
PTRY-1.25-HT-R	1.250	0.75	0.3755	0.6	0.03	0.813	0.41	YSH-.375-R	YSHE-.375-R
PTRY-1.375-HT-R	1.375	0.75	0.3755	0.6	0.03	0.813	0.41	YSH-.375-R	YSHE-.375-R
PTRY-1.50-HT-R	1.500	0.88	0.4380	0.9	0.03	0.937	0.47	YSH-.437-R	YSHE-.437-R
PTRY-1.75-HT-R	1.750	1.00	0.5005	0.9	0.03	1.063	0.53	YSH-.500-R	YSHE-.500-R
PTRY-2.00-HT-R	2.000	1.25	0.6255	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
PTRY-2.25-HT-R	2.250	1.25	0.6255	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
PTRY-2.50-HT-R	2.500	1.50	0.7505	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
PTRY-2.75-HT-R	2.750	1.50	0.7505	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
PTRY-3.00A-HT-R	3.000	1.75	1.0005	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
PTRY-3.25A-HT-R	3.250	1.75	1.0005	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
PTRY-3.50A-HT-R	3.500	2.00	1.1255	2.0	0.03	2.063	1.03	YSH-1.125-R	YSHE-1.125-R
PTRY-4.00A-HT-R	4.000	2.25	1.2505	2.0	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R





PTRY-HT-R – HIGH TEMP. +350°F

Plain/Cylindrical – Yoke
440 Stainless Steel Ball Bearings
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbs) C	Basic Radial Static Load Rating (lbs) Co	Thrust Dynamic Load Rating (lbs)	Thrust Static Load Rating (lbs)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRY-1.00-HT-R	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.09
PTRY-1.125-HT-R	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.13
PTRY-1.25-HT-R	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.18
PTRY-1.375-HT-R	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.23
PTRY-1.50-HT-R	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.31
PTRY-1.75-HT-R	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.51
PTRY-2.00-HT-R	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	0.82
PTRY-2.25-HT-R	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.10
PTRY-2.50-HT-R	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	1.59
PTRY-2.75-HT-R	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	2.03
PTRY-3.00A-HT-R	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	2.47
PTRY-3.25A-HT-R	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	3.09
PTRY-3.50A-HT-R	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	4.00
PTRY-4.00A-HT-R	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	6.36



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

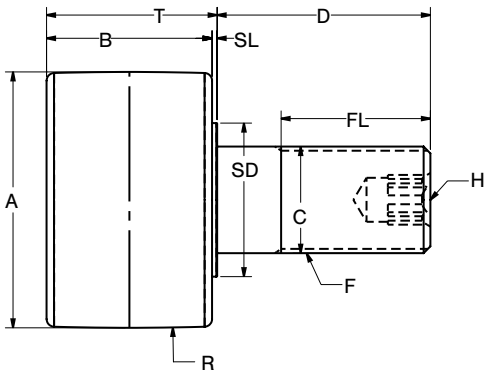
CTR-HT – HIGH TEMP. +350°F

Crowned/Spherical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width
CTR-1.00-HT	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	12	0.5	0.03	0.78
CTR-1.125-HT	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	12	0.5	0.03	0.78
CTR-1.25-HT	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	14	0.6	0.03	0.84
CTR-1.375-HT	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	14	0.6	0.03	0.84
CTR-1.50-HT	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	20	0.8	0.06	1.19
CTR-1.75-HT	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.06	1.19
CTR-2.00-HT	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.69
CTR-2.25-HT	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.69
CTR-2.50-HT	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	30	1.2	0.06	1.69
CTR-2.75-HT	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	30	1.2	0.06	1.69
CTR-3.00A-HT	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-3.25A-HT	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-3.50A-HT	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-4.00A-HT	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00





CTR-HT – HIGH TEMP. +350°F

Crowned/Spherical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTR-1.00-HT	560	270	140	70	24,000	500	390	180	350°F	PFC Lip	DGBB-SS	0.17
CTR-1.125-HT	560	270	140	70	24,000	500	390	180	350°F	PFC Lip	DGBB-SS	0.22
CTR-1.25-HT	740	370	190	100	19,000	900	470	180	350°F	PFC Lip	DGBB-SS	0.30
CTR-1.375-HT	740	370	190	100	19,000	900	470	180	350°F	PFC Lip	DGBB-SS	0.36
CTR-1.50-HT	2,090	1,350	530	340	15,000	1,570	550	350	350°F	PFC Lip	DGBB-SS	0.56
CTR-1.75-HT	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	0.86
CTR-2.00-HT	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	1.39
CTR-2.25-HT	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	1.86
CTR-2.50-HT	4,270	3,440	1,070	860	8,500	8,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.34
CTR-2.75-HT	4,270	3,440	1,070	860	8,500	8,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.82
CTR-3.00A-HT	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	3.99
CTR-3.25A-HT	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.65
CTR-3.50A-HT	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.48
CTR-4.00A-HT	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	7.13



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

CTR-HT-R – HIGH TEMP. +350°F

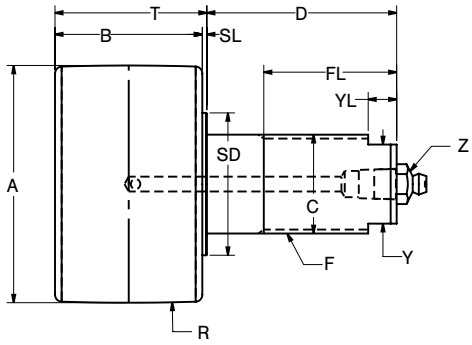
Crowned/Spherical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

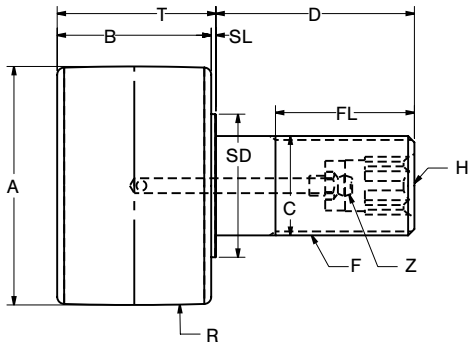
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
CTR-1.00-HT-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	12	0.5	0.03	0.78	0.312	0.250	1/8 Drive
CTR-1.125-HT-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	12	0.5	0.03	0.78	0.312	0.250	1/8 Drive
CTR-1.25-HT-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	14	0.6	0.03	0.84	0.375	0.250	1/8 Drive
CTR-1.375-HT-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	14	0.6	0.03	0.84	0.375	0.250	1/8 Drive
CTR-1.50-HT-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	20	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
CTR-1.75-HT-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	20	0.9	0.06	1.19	0.625	0.375	1/8-27 NPT
CTR-2.00-HT-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	24	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CTR-2.25-HT-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	24	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CTR-2.50-HT-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	30	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CTR-2.75-HT-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	30	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CTR-3.00A-HT-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF
CTR-3.25A-HT-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF
CTR-3.50A-HT-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF
CTR-4.00A-HT-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF



THROUGH 2.75-R



3.00 ROLLER DIA. AND LARGER



CTR-HT-R – HIGH TEMP. +350°F

Crowned/Spherical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTR-1.00-HT-R	560	270	140	70	24,000	500	390	180	350°F	PFC Lip	DGBB-SS	0.17
CTR-1.125-HT-R	560	270	140	70	24,000	500	390	180	350°F	PFC Lip	DGBB-SS	0.22
CTR-1.25-HT-R	740	370	190	100	19,000	900	470	180	350°F	PFC Lip	DGBB-SS	0.30
CTR-1.375-HT-R	740	370	190	100	19,000	900	470	180	350°F	PFC Lip	DGBB-SS	0.36
CTR-1.50-HT-R	2,090	1,350	530	340	15,000	1,570	550	350	350°F	PFC Lip	DGBB-SS	0.56
CTR-1.75-HT-R	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	0.86
CTR-2.00-HT-R	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	1.39
CTR-2.25-HT-R	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	1.86
CTR-2.50-HT-R	4,270	3,440	1,070	860	8,500	8,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.34
CTR-2.75-HT-R	4,270	3,440	1,070	860	8,500	8,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.82
CTR-3.00A-HT-R	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	3.99
CTR-3.25A-HT-R	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.65
CTR-3.50A-HT-R	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.48
CTR-4.00A-HT-R	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	7.13



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

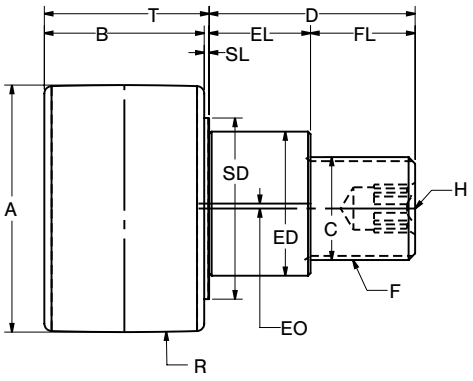
CTRE-HT – HIGH TEMP. +350°F

Crowned/Spherical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width
CTRE-1.00-HT	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	12	0.7	0.03	0.78
CTRE-1.125-HT	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	12	0.7	0.03	0.78
CTRE-1.25-HT	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	14	0.8	0.03	0.84
CTRE-1.375-HT	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	14	0.8	0.03	0.84
CTRE-1.50-HT	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	20	1.1	0.06	1.19
CTRE-1.75-HT	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	20	1.3	0.06	1.19
CTRE-2.00-HT	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	24	1.5	0.06	1.69
CTRE-2.25-HT	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	24	1.5	0.06	1.69
CTRE-2.50-HT	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	24	1.7	0.06	1.69
CTRE-2.75-HT	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	30	1.7	0.06	1.69
CTRE-3.00A-HT	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.06	2.00
CTRE-3.25A-HT	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.06	2.00
CTRE-3.50A-HT	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00
CTRE-4.00A-HT	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00





CTRE-HT – HIGH TEMP. +350°F

Crowned/Spherical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRE-1.00-HT	560	270	140	70	24,000	500	390	250	350°F	PFC Lip	DGBB-SS	0.20
CTRE-1.125-HT	560	270	140	70	24,000	500	390	250	350°F	PFC Lip	DGBB-SS	0.24
CTRE-1.25-HT	740	370	190	100	19,000	930	470	250	350°F	PFC Lip	DGBB-SS	0.32
CTRE-1.375-HT	740	370	190	100	19,000	930	470	250	350°F	PFC Lip	DGBB-SS	0.37
CTRE-1.50-HT	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	0.63
CTRE-1.75-HT	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	0.96
CTRE-2.00-HT	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	1.68
CTRE-2.25-HT	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	2.07
CTRE-2.50-HT	4,270	3,440	1,070	860	8,500	9,660	1,340	650	350°F	PFC Lip	DGBB-SS	2.48
CTRE-2.75-HT	4,270	3,440	1,070	860	8,500	9,660	1,340	650	350°F	PFC Lip	DGBB-SS	3.08
CTRE-3.00A-HT	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.53
CTRE-3.25A-HT	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.19
CTRE-3.50A-HT	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	6.10
CTRE-4.00A-HT	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	7.69



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

CTRE-HT-R – HIGH TEMP. +350°F

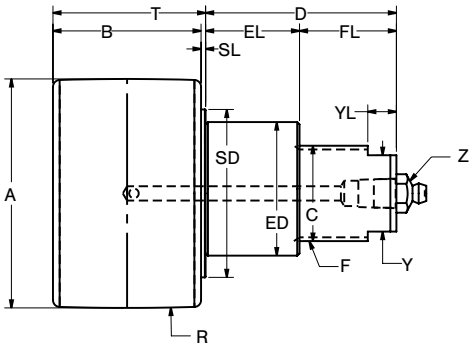
Crowned/Spherical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

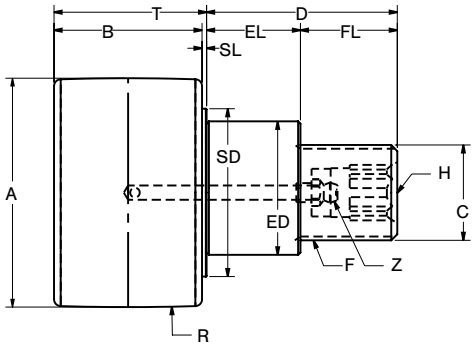
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
CTRE-1.00-HT-R	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	12	0.7	0.03	0.78	0.312	0.250	1/8 Drive
CTRE-1.125-HT-R	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	12	0.7	0.03	0.78	0.312	0.250	1/8 Drive
CTRE-1.25-HT-R	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	14	0.8	0.03	0.84	0.375	0.250	1/8 Drive
CTRE-1.375-HT-R	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	14	0.8	0.03	0.84	0.375	0.250	1/8 Drive
CTRE-1.50-HT-R	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	20	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF
CTRE-1.75-HT-R	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	-	20	1.3	0.06	1.19	0.625	0.375	1/8-27 NPT
CTRE-2.00-HT-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	24	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CTRE-2.25-HT-R	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	24	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CTRE-2.50-HT-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	24	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CTRE-2.75-HT-R	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	30	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CTRE-3.00A-HT-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	30	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-3.25A-HT-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	30	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-3.50A-HT-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	30	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-4.00A-HT-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	30	2.2	0.06	2.00	-	-	1/4-28 UNF



THROUGH 2.75-R



3.00 ROLLER DIA. AND LARGER



CTRE-HT-R – HIGH TEMP. +350°F

Crowned/Spherical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRE-1.00-HT-R	560	270	140	70	24,000	500	390	250	350°F	PFC Lip	DGBB-SS	0.20
CTRE-1.125-HT-R	560	270	140	70	24,000	500	390	250	350°F	PFC Lip	DGBB-SS	0.24
CTRE-1.25-HT-R	740	370	190	100	19,000	930	470	250	350°F	PFC Lip	DGBB-SS	0.32
CTRE-1.375-HT-R	740	370	190	100	19,000	930	470	250	350°F	PFC Lip	DGBB-SS	0.37
CTRE-1.50-HT-R	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	0.63
CTRE-1.75-HT-R	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	0.96
CTRE-2.00-HT-R	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	1.68
CTRE-2.25-HT-R	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	2.07
CTRE-2.50-HT-R	4,270	3,440	1,070	860	8,500	9,660	1,340	650	350°F	PFC Lip	DGBB-SS	2.48
CTRE-2.75-HT-R	4,270	3,440	1,070	860	8,500	9,660	1,340	650	350°F	PFC Lip	DGBB-SS	3.08
CTRE-3.00A-HT-R	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.53
CTRE-3.25A-HT-R	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.19
CTRE-3.50A-HT-R	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	6.10
CTRE-4.00A-HT-R	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	7.69



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

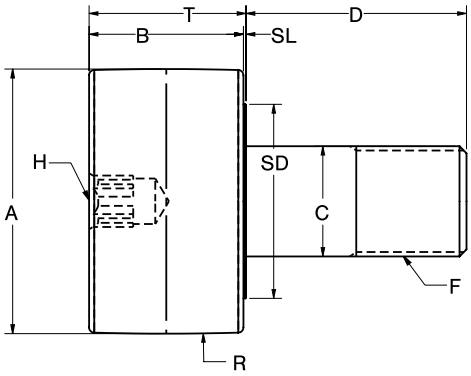
CXR-HT – HIGH TEMP. +350°F

Crowned/Spherical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width
CXR-1.00-HT	1.000	0.63	0.438	1.00	7/16 - 20	0.50	5/16	12	0.6	0.03	0.66
CXR-1.125-HT	1.125	0.63	0.438	1.00	7/16 - 20	0.50	5/16	12	0.6	0.03	0.66
CXR-1.25-HT	1.250	0.75	0.500	1.25	1/2 - 20	0.63	5/16	14	0.6	0.03	0.78
CXR-1.375-HT	1.375	0.75	0.500	1.25	1/2 - 20	0.63	5/16	14	0.6	0.03	0.78
CXR-1.50-HT	1.500	0.88	0.625	1.50	5/8 - 18	0.75	5/16	20	0.8	0.03	0.91
CXR-1.75-HT	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.03	1.03
CXR-2.00-HT	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28
CXR-2.25-HT	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28
CXR-2.50-HT	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-2.75-HT	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-3.00A-HT	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78
CXR-3.25A-HT	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78
CXR-3.50A-HT	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	1.8	0.03	2.03
CXR-4.00A-HT	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	1.8	0.03	2.28





CXR-HT – HIGH TEMP. +350°F

Crowned/Spherical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXR-1.00-HT	510	360	130	90	20,000	1,740	470	180	350°F	PFC Lip	DGBB-SS	0.17
CXR-1.125-HT	510	360	130	90	20,000	1,740	470	180	350°F	PFC Lip	DGBB-SS	0.22
CXR-1.25-HT	920	660	230	170	20,000	2,210	470	180	350°F	PFC Lip	DGBB-SS	0.30
CXR-1.375-HT	920	660	230	170	20,000	2,210	470	180	350°F	PFC Lip	DGBB-SS	0.35
CXR-1.50-HT	1,450	1,150	370	290	14,000	3,720	910	350	350°F	PFC Lip	DGBB-SS	0.45
CXR-1.75-HT	1,450	1,150	370	290	14,000	5,570	910	650	350°F	PFC Lip	DGBB-SS	0.75
CXR-2.00-HT	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.22
CXR-2.25-HT	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.50
CXR-2.50-HT	4,270	3,440	1,070	860	8,500	9,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.17
CXR-2.75-HT	4,270	3,440	1,070	860	8,500	9,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.60
CXR-3.00A-HT	5,030	4,590	1,260	1,150	7,000	15,450	1,950	1,500	350°F	PFC Lip	DGBB-SS	3.56
CXR-3.25A-HT	5,030	4,590	1,260	1,150	7,000	15,450	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.31
CXR-3.50A-HT	5,320	5,130	1,330	1,290	6,300	18,070	3,000	1,500	350°F	PFC Lip	DGBB-SS	5.47
CXR-4.00A-HT	5,320	5,130	1,330	1,290	6,300	20,920	3,000	1,500	350°F	PFC Lip	DGBB-SS	8.25



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

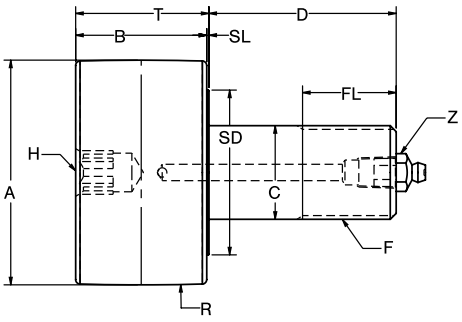
CXR-HT-R – HIGH TEMP. +350°F

Crowned/Spherical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T	Z
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width	
CXR-1.75-HT-R	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.03	1.03	1/8-27 NPT
CXR-2.00-HT-R	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28	1/8-27 NPT
CXR-2.25-HT-R	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28	1/8-27 NPT
CXR-2.50-HT-R	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53	1/8-27 NPT
CXR-2.75-HT-R	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53	1/8-27 NPT
CXR-3.00A-HT-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78	1/8-27 NPT
CXR-3.25A-HT-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78	1/8-27 NPT
CXR-3.50A-HT-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	1.8	0.03	2.03	1/8-27 NPT
CXR-4.00A-HT-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	1.8	0.03	2.28	1/8-27 NPT





CXR-HT-R – HIGH TEMP. +350°F

Crowned/Spherical – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXR-1.75-HT-R	1,450	1,150	370	290	14,000	5,570	910	650	350°F	PFC Lip	DGBB-SS	0.75
CXR-2.00-HT-R	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.22
CXR-2.25-HT-R	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.50
CXR-2.50-HT-R	4,270	3,440	1,070	860	8,500	9,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.17
CXR-2.75-HT-R	4,270	3,440	1,070	860	8,500	9,180	1,340	650	350°F	PFC Lip	DGBB-SS	2.60
CXR-3.00A-HT-R	5,030	4,590	1,260	1,150	7,000	15,450	1,950	1,500	350°F	PFC Lip	DGBB-SS	3.56
CXR-3.25A-HT-R	5,030	4,590	1,260	1,150	7,000	15,450	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.31
CXR-3.50A-HT-R	5,320	5,130	1,330	1,290	6,300	18,070	3,000	1,500	350°F	PFC Lip	DGBB-SS	5.47
CXR-4.00A-HT-R	5,320	5,130	1,330	1,290	6,300	20,920	3,000	1,500	350°F	PFC Lip	DGBB-SS	8.25



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

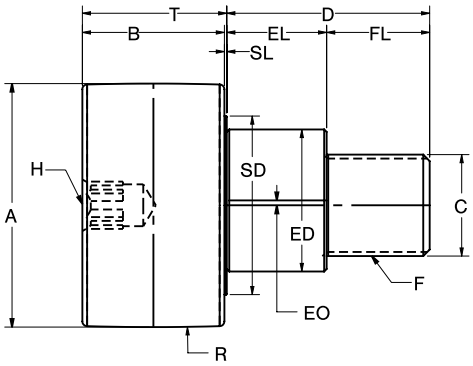
CXRE-HT – HIGH TEMP. +350°F

Crowned/Spherical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width
CXRE-1.00-HT	1.000	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	12	0.8	0.03	0.66
CXRE-1.125-HT	1.125	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	12	0.8	0.03	0.66
CXRE-1.25-HT	1.250	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	14	0.9	0.03	0.78
CXRE-1.375-HT	1.375	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	14	0.9	0.03	0.78
CXRE-1.50-HT	1.500	0.88	0.625	1.50	0.875	0.75	0.03	5/8 - 18	0.75	5/16	20	1.0	0.03	0.91
CXRE-1.75-HT	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	20	1.2	0.03	1.03
CXRE-2.00-HT	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28
CXRE-2.25-HT	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28
CXRE-2.50-HT	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-2.75-HT	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-3.00A-HT	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.25A-HT	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.50A-HT	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03
CXRE-4.00A-HT	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28





CXRE-HT – HIGH TEMP. +350°F

Crowned/Spherical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXRE-1.00-HT	510	360	130	90	20,000	3,450	470	250	350°F	PFC Lip	DGBB-SS	0.17
CXRE-1.125-HT	510	360	130	90	20,000	3,450	470	250	350°F	PFC Lip	DGBB-SS	0.22
CXRE-1.25-HT	920	660	230	170	20,000	2,920	470	250	350°F	PFC Lip	DGBB-SS	0.30
CXRE-1.375-HT	920	660	230	170	20,000	2,920	470	250	350°F	PFC Lip	DGBB-SS	0.35
CXRE-1.50-HT	1,450	1,150	370	290	14,000	7,050	910	650	350°F	PFC Lip	DGBB-SS	0.53
CXRE-1.75-HT	1,450	1,150	370	290	14,000	5,570	910	650	350°F	PFC Lip	DGBB-SS	0.84
CXRE-2.00-HT	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.46
CXRE-2.25-HT	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.78
CXRE-2.50-HT	4,270	3,440	1,070	860	8,500	11,110	1,340	650	350°F	PFC Lip	DGBB-SS	2.43
CXRE-2.75-HT	4,270	3,440	1,070	860	8,500	11,110	1,340	650	350°F	PFC Lip	DGBB-SS	2.89
CXRE-3.00A-HT	5,030	4,590	1,260	1,150	7,000	24,920	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.00
CXRE-3.25A-HT	5,030	4,590	1,260	1,150	7,000	24,920	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.36
CXRE-3.50A-HT	5,320	5,130	1,330	1,290	6,300	33,660	3,000	1,500	350°F	PFC Lip	DGBB-SS	6.00
CXRE-4.00A-HT	5,320	5,130	1,330	1,290	6,300	33,830	3,000	1,500	350°F	PFC Lip	DGBB-SS	9.11



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

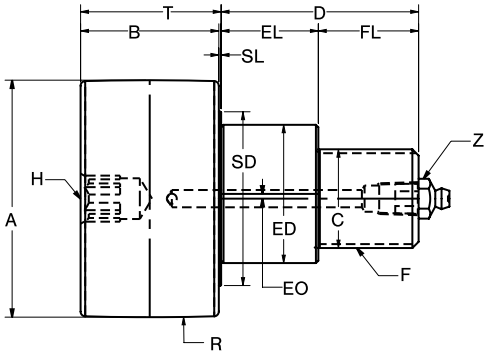
CXRE-HT-R – HIGH TEMP. +350°F

Crowned/Spherical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width	
CXRE-1.75-HT-R	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	20	1.2	0.03	1.03	1/8-27 NPT
CXRE-2.00-HT-R	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28	1/8-27 NPT
CXRE-2.25-HT-R	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28	1/8-27 NPT
CXRE-2.50-HT-R	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53	1/8-27 NPT
CXRE-2.75-HT-R	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53	1/8-27 NPT
CXRE-3.00A-HT-R	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78	1/8-27 NPT
CXRE-3.25A-HT-R	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78	1/8-27 NPT
CXRE-3.50A-HT-R	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03	1/8-27 NPT
CXRE-4.00A-HT-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28	1/8-27 NPT





CXRE-HT-R – HIGH TEMP. +350°F

Crowned/Spherical – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXRE-1.75-HT-R	1,450	1,150	370	290	14,000	5,570	910	650	350°F	PFC Lip	DGBB-SS	0.84
CXRE-2.00-HT-R	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.46
CXRE-2.25-HT-R	2,940	2,250	740	570	11,000	6,850	1,340	650	350°F	PFC Lip	DGBB-SS	1.78
CXRE-2.50-HT-R	4,270	3,440	1,070	860	8,500	11,110	1,340	650	350°F	PFC Lip	DGBB-SS	2.43
CXRE-2.75-HT-R	4,270	3,440	1,070	860	8,500	11,110	1,340	650	350°F	PFC Lip	DGBB-SS	2.89
CXRE-3.00A-HT-R	5,030	4,590	1,260	1,150	7,000	24,920	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.00
CXRE-3.25A-HT-R	5,030	4,590	1,260	1,150	7,000	24,920	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.36
CXRE-3.50A-HT-R	5,320	5,130	1,330	1,290	6,300	33,660	3,000	1,500	350°F	PFC Lip	DGBB-SS	6.00
CXRE-4.00A-HT-R	5,320	5,130	1,330	1,290	6,300	33,830	3,000	1,500	350°F	PFC Lip	DGBB-SS	9.11



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

CTRY-HT – HIGH TEMP. +350°F

Crowned/Spherical – Yoke

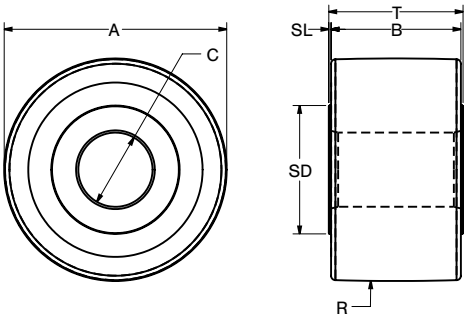
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	R	SD	SL	T
	ROLLER				SHOULDER		
	Dia. +.000 -.001	Width	Bore Dia. +.0007 -.0000	Crown Radius	Dia.	Len.	Inner Race Width +.005 -.010
CTRY-1.00-HT	1.000	0.63	0.3130	12	0.6	0.03	0.688
CTRY-1.125-HT	1.125	0.63	0.3130	12	0.6	0.03	0.688
CTRY-1.25-HT	1.250	0.75	0.3755	14	0.6	0.03	0.813
CTRY-1.375-HT	1.375	0.75	0.3755	14	0.6	0.03	0.813
CTRY-1.50-HT	1.500	0.88	0.4380	20	0.9	0.03	0.937
CTRY-1.75-HT	1.750	1.00	0.5005	20	0.9	0.03	1.063
CTRY-2.00-HT	2.000	1.25	0.6255	24	1.1	0.03	1.313
CTRY-2.25-HT	2.250	1.25	0.6255	24	1.1	0.03	1.313
CTRY-2.50-HT	2.500	1.50	0.7505	30	1.2	0.03	1.563
CTRY-2.75-HT	2.750	1.50	0.7505	30	1.2	0.03	1.563
CTRY-3.00A-HT	3.000	1.75	1.0005	30	1.8	0.03	1.813
CTRY-3.25A-HT	3.250	1.75	1.0005	30	1.8	0.03	1.813
CTRY-3.50A-HT	3.500	2.00	1.1255	30	2.0	0.03	2.063
CTRY-4.00A-HT	4.000	2.25	1.2505	30	2.0	0.03	2.313

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312	YSHE-.312
YSH-.312	YSHE-.312
YSH-.375	YSHE-.375
YSH-.375	YSHE-.375
YSH-.437	YSHE-.437
YSH-.500	YSHE-.500
YSH-.625	YSHE-.625
YSH-.625	YSHE-.625
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-1.000	YSHE-1.000
YSH-1.000	YSHE-1.000
YSH-1.125	YSHE-1.125
YSH-1.250	YSHE-1.250





Solutions Through Innovation

CTRY-HT – HIGH TEMP. +350°F

Crowned/Spherical – Yoke

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRY-1.00-HT	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.09
CTRY-1.125-HT	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.13
CTRY-1.25-HT	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.18
CTRY-1.375-HT	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.23
CTRY-1.50-HT	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.30
CTRY-1.75-HT	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.51
CTRY-2.00-HT	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	0.82
CTRY-2.25-HT	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.10
CTRY-2.50-HT	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	1.59
CTRY-2.75-HT	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	2.03
CTRY-3.00A-HT	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	2.47
CTRY-3.25A-HT	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	3.09
CTRY-3.50A-HT	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	4.00
CTRY-4.00A-HT	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	6.36



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

CTRY-HT-R – HIGH TEMP. +350°F

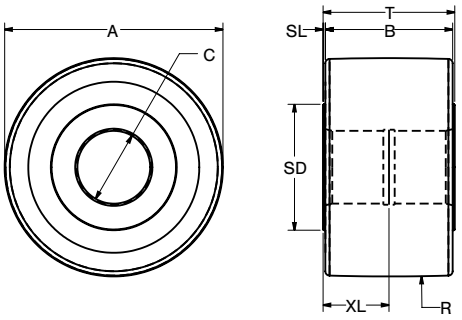
Crowned/Spherical – Yoke

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	R	SD	SL	T	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	Crown Radius	SHOULDER		Inner Race Width +.005 -.010	Grease Groove Location	Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width			Dia.	Len.				
CTRY-1.00-HT-R	1.000	0.63	0.3130	12	0.6	0.03	0.688	0.34	YSH-.312-R	YSHE-.312-R
CTRY-1.125-HT-R	1.125	0.63	0.3130	12	0.6	0.03	0.688	0.34	YSH-.312-R	YSHE-.312-R
CTRY-1.25-HT-R	1.250	0.75	0.3755	14	0.6	0.03	0.813	0.41	YSH-.375-R	YSHE-.375-R
CTRY-1.375-HT-R	1.375	0.75	0.3755	14	0.6	0.03	0.813	0.41	YSH-.375-R	YSHE-.375-R
CTRY-1.50-HT-R	1.500	0.88	0.4380	20	0.9	0.03	0.937	0.47	YSH-.437-R	YSHE-.437-R
CTRY-1.75-HT-R	1.750	1.00	0.5005	20	0.9	0.03	1.063	0.53	YSH-.500-R	YSHE-.500-R
CTRY-2.00-HT-R	2.000	1.25	0.6255	24	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
CTRY-2.25-HT-R	2.250	1.25	0.6255	24	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
CTRY-2.50-HT-R	2.500	1.50	0.7505	30	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
CTRY-2.75-HT-R	2.750	1.50	0.7505	30	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
CTRY-3.00A-HT-R	3.000	1.75	1.0005	30	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
CTRY-3.25A-HT-R	3.250	1.75	1.0005	30	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
CTRY-3.50A-HT-R	3.500	2.00	1.1255	30	2.0	0.03	2.063	1.03	YSH-1.125-R	YSHE-1.125-R
CTRY-4.00A-HT-R	4.000	2.25	1.2505	30	2.0	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R





CTRY-HT-R – HIGH TEMP. +350°F

Crowned/Spherical – Yoke

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRY-1.00-HT-R	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.09
CTRY-1.125-HT-R	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.13
CTRY-1.25-HT-R	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.18
CTRY-1.375-HT-R	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.23
CTRY-1.50-HT-R	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.30
CTRY-1.75-HT-R	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.51
CTRY-2.00-HT-R	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	0.82
CTRY-2.25-HT-R	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.10
CTRY-2.50-HT-R	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	1.59
CTRY-2.75-HT-R	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	2.03
CTRY-3.00A-HT-R	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	2.47
CTRY-3.25A-HT-R	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	3.09
CTRY-3.50A-HT-R	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	4.00
CTRY-4.00A-HT-R	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	6.36



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

FTR-HT – HIGH TEMP. +350°F

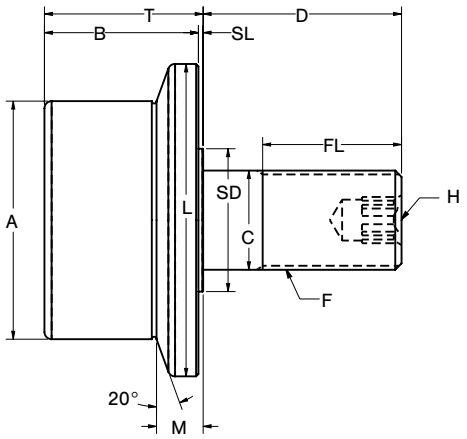
Flanged – Stud Concentric

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
FTR-1.00-HT	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.38	0.22	0.5	0.03	0.78
FTR-1.125-HT	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.50	0.22	0.5	0.03	0.78
FTR-1.25-HT	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.56	0.22	0.6	0.03	0.84
FTR-1.375-HT	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.69	0.22	0.6	0.03	0.84
FTR-1.50-2-HT	1.500	1.00	0.500	1.38	1/2- 20	0.75	1/4	2.00	0.34	0.8	0.06	1.06
FTR-1.50-HT	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.19	0.34	0.8	0.06	1.19
FTR-1.75-HT	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	2.44	0.34	0.9	0.06	1.19
FTR-2.00-9-HT	2.000	1.63	0.875	2.00	7/8 - 14	1.02	5/16	2.69	0.59*	1.5	0.06	1.69
FTR-2.00-HT	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59	1.0	0.06	1.69
FTR-2.25-HT	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.59	1.0	0.06	1.69
FTR-2.50-HT	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	3.19	0.59	1.2	0.06	1.69
FTR-2.75-HT	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	3.44	0.59	1.2	0.06	1.69
FTR-3.00A-HT	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.5	0.06	2.00
FTR-3.25A-HT	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.5	0.06	2.00
FTR-3.50A-HT	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.5	0.06	2.00
FTR-4.00A-HT	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.5	0.06	2.00





Solutions Through Innovation

FTR-HT – HIGH TEMP. +350°F
Flanged – Stud Concentric
440 Stainless Steel Ball Bearings
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTR-1.00-HT	560	270	140	70	24,000	380	380	180	350°F	PFC Lip	DGBB-SS	0.20
FTR-1.125-HT	560	270	140	70	24,000	380	380	180	350°F	PFC Lip	DGBB-SS	0.24
FTR-1.25-HT	740	370	190	100	19,000	710	470	180	350°F	PFC Lip	DGBB-SS	0.32
FTR-1.375-HT	740	370	190	100	19,000	710	470	180	350°F	PFC Lip	DGBB-SS	0.37
FTR-1.50-2-HT	1,660	1,050	420	270	16,000	710	470	350	350°F	PFC Lip	DGBB-SS	0.59
FTR-1.50-HT	2,090	1,350	530	340	15,000	1,210	550	350	350°F	PFC Lip	DGBB-SS	0.66
FTR-1.75-HT	2,090	1,350	530	340	15,000	1,210	550	650	350°F	PFC Lip	DGBB-SS	0.97
FTR-2.00-9-HT	2,940	2,140	740	540	12,000	2,830	900	650	350°F	PFC Lip	DGBB-SS	2.00
FTR-2.00-HT	2,940	2,140	740	540	12,000	2,830	900	650	350°F	PFC Lip	DGBB-SS	1.76
FTR-2.25-HT	2,940	2,140	740	540	12,000	2,830	900	650	350°F	PFC Lip	DGBB-SS	2.18
FTR-2.50-HT	4,270	3,440	1,070	860	8,500	6,280	1,340	650	350°F	PFC Lip	DGBB-SS	2.70
FTR-2.75-HT	4,270	3,440	1,070	860	8,500	6,280	1,340	650	350°F	PFC Lip	DGBB-SS	3.20
FTR-3.00A-HT	6,010	5,040	1,510	1,260	8,000	10,800	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.60
FTR-3.25A-HT	6,010	5,040	1,510	1,260	8,000	10,800	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.34
FTR-3.50A-HT	6,010	5,040	1,510	1,260	8,000	10,800	1,950	1,500	350°F	PFC Lip	DGBB-SS	6.08
FTR-4.00A-HT	6,010	5,040	1,510	1,260	8,000	10,800	1,950	1,500	350°F	PFC Lip	DGBB-SS	7.92



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

FTR-HT-R – HIGH TEMP. +350°F

Flanged – Stud Concentric

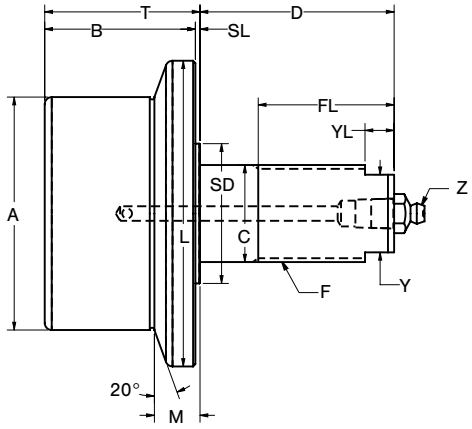
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

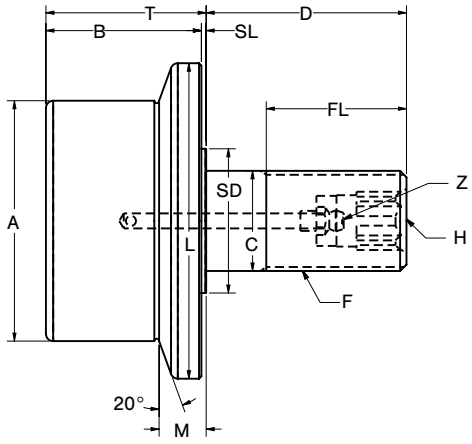
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia	Width	Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
FTR-1.00-HT-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	1.38	0.22	0.5	0.03	0.78	0.312	0.250	1/8 Drive
FTR-1.125-HT-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	1.50	0.22	0.5	0.03	0.78	0.312	0.250	1/8 Drive
FTR-1.25-HT-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	1.56	0.22	0.6	0.03	0.84	0.375	0.250	1/8 Drive
FTR-1.375-HT-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	1.69	0.22	0.6	0.03	0.84	0.375	0.250	1/8 Drive
FTR-1.50-2-HT-R	1.500	1.00	0.500	1.38	1/2- 20	0.75	-	2.00	0.34	0.8	0.06	1.06	0.375	0.250	1/8 Drive
FTR-1.50-HT-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	2.19	0.34	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
FTR-1.75-HT-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	2.44	0.34	0.9	0.06	1.19	0.625	0.375	1/8-27 NPT
FTR-2.00-9-HT-R	2.000	1.63	0.875	2.00	7/8 - 14	1.02	-	2.69	0.59*	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
FTR-2.00-HT-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	2.69	0.59	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
FTR-2.25-HT-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	2.94	0.59	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
FTR-2.50-HT-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	3.19	0.59	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
FTR-2.75-HT-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	3.44	0.59	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
FTR-3.00A-HT-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	3.94	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF
FTR-3.25A-HT-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.19	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF
FTR-3.50A-HT-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.44	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF
FTR-4.00A-HT-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF



THROUGH 2.75-R



3.00 ROLLER DIA. AND LARGER



FTR-HT-R – HIGH TEMP. +350°F
Flanged – Stud Concentric
440 Stainless Steel Ball Bearings
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTR-1.00-HT-R	560	270	140	70	24,000	380	380	180	350°F	PFC Lip	DGBB-SS	0.20
FTR-1.125-HT-R	560	270	140	70	24,000	380	380	180	350°F	PFC Lip	DGBB-SS	0.24
FTR-1.25-HT-R	740	370	190	100	19,000	710	470	180	350°F	PFC Lip	DGBB-SS	0.32
FTR-1.375-HT-R	740	370	190	100	19,000	710	470	180	350°F	PFC Lip	DGBB-SS	0.37
FTR-1.50-2-HT-R	1,660	1,050	420	270	16,000	710	470	350	350°F	PFC Lip	DGBB-SS	0.59
FTR-1.50-HT-R	2,090	1,350	530	340	15,000	1,210	550	350	350°F	PFC Lip	DGBB-SS	0.66
FTR-1.75-HT-R	2,090	1,350	530	340	15,000	1,210	550	650	350°F	PFC Lip	DGBB-SS	0.97
FTR-2.00-9-HT-R	2,940	2,140	740	540	12,000	2,830	900	650	350°F	PFC Lip	DGBB-SS	2.00
FTR-2.00-HT-R	2,940	2,140	740	540	12,000	2,830	900	650	350°F	PFC Lip	DGBB-SS	1.76
FTR-2.25-HT-R	2,940	2,140	740	540	12,000	2,830	900	650	350°F	PFC Lip	DGBB-SS	2.18
FTR-2.50-HT-R	4,270	3,440	1,070	860	8,500	6,280	1,340	650	350°F	PFC Lip	DGBB-SS	2.70
FTR-2.75-HT-R	4,270	3,440	1,070	860	8,500	6,280	1,340	650	350°F	PFC Lip	DGBB-SS	3.20
FTR-3.00A-HT-R	6,010	5,040	1,510	1,260	8,000	10,800	1,950	1,500	350°F	PFC Lip	DGBB-SS	4.60
FTR-3.25A-HT-R	6,010	5,040	1,510	1,260	8,000	10,800	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.34
FTR-3.50A-HT-R	6,010	5,040	1,510	1,260	8,000	10,800	1,950	1,500	350°F	PFC Lip	DGBB-SS	6.08
FTR-4.00A-HT-R	6,010	5,040	1,510	1,260	8,000	10,800	1,950	1,500	350°F	PFC Lip	DGBB-SS	7.92



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

FTRE-HT – HIGH TEMP. +350°F

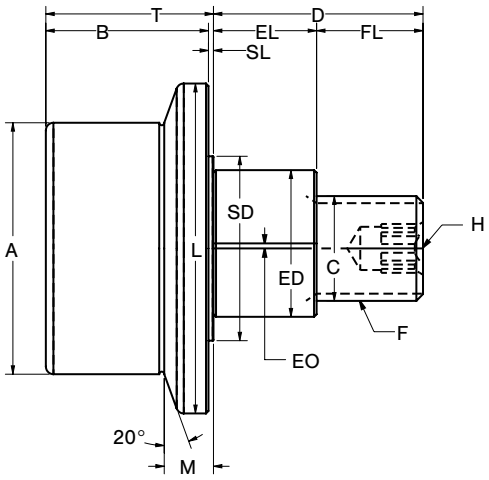
Flanged – Stud Eccentric

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
FTRE-1.00-HT	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.38	0.22	0.7	0.03	0.78
FTRE-1.125-HT	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.50	0.22	0.7	0.03	0.78
FTRE-1.25-HT	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.56	0.22	0.8	0.03	0.84
FTRE-1.375-HT	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.69	0.22	0.8	0.03	0.84
FTRE-1.50-HT	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.19	0.34	1.1	0.06	1.19
FTRE-1.50-2-HT	1.500	1.00	0.500	1.38	0.687	0.61	0.03	1/2- 20	0.75	1/4	2.00	0.34	0.8	0.06	1.06
FTRE-1.75-HT	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	2.44	0.34	1.3	0.06	1.19
FTRE-2.00-HT	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59	1.5	0.06	1.69
FTRE-2.00-9-HT	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59*	1.5	0.06	1.69
FTRE-2.25-HT	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.59	1.5	0.06	1.69
FTRE-2.50-HT	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.19	0.59	1.7	0.06	1.69
FTRE-2.75-HT	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.44	0.59	1.7	0.06	1.69
FTRE-3.00A-HT	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00
FTRE-3.25A-HT	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00
FTRE-3.50A-HT	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00
FTRE-4.00A-HT	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00





FTRE-HT – HIGH TEMP. +350°F

Flanged – Stud Eccentric

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRE-1.00-HT	560	270	140	70	24,000	380	390	250	350°F	PFC Lip	DGBB-SS	0.22
FTRE-1.125-HT	560	270	140	70	24,000	380	390	250	350°F	PFC Lip	DGBB-SS	0.27
FTRE-1.25-HT	740	370	190	100	19,000	710	470	250	350°F	PFC Lip	DGBB-SS	0.34
FTRE-1.375-HT	740	370	190	100	19,000	710	470	250	350°F	PFC Lip	DGBB-SS	0.41
FTRE-1.50-HT	2,090	1,350	530	340	15,000	1,210	550	650	350°F	PFC Lip	DGBB-SS	0.76
FTRE-1.50-2-HT	1,660	1,050	420	270	16,000	710	470	650	350°F	PFC Lip	DGBB-SS	0.59
FTRE-1.75-HT	2,090	1,350	530	340	15,000	1,210	550	650	350°F	PFC Lip	DGBB-SS	1.08
FTRE-2.00-HT	2,940	2,140	740	540	12,000	2,830	900	650	350°F	PFC Lip	DGBB-SS	1.96
FTRE-2.00-9-HT	2,940	2,140	740	540	12,000	2,830	900	650	350°F	PFC Lip	DGBB-SS	2.00
FTRE-2.25-HT	2,940	2,140	740	540	12,000	2,830	900	650	350°F	PFC Lip	DGBB-SS	2.37
FTRE-2.50-HT	4,270	3,440	1,070	860	8,500	7,020	1,340	650	350°F	PFC Lip	DGBB-SS	2.87
FTRE-2.75-HT	4,270	3,440	1,070	860	8,500	7,020	1,340	650	350°F	PFC Lip	DGBB-SS	3.38
FTRE-3.00A-HT	6,010	5,040	1,510	1,260	8,000	12,750	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.15
FTRE-3.25A-HT	6,010	5,040	1,510	1,260	8,000	12,750	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.85
FTRE-3.50A-HT	6,010	5,040	1,510	1,260	8,000	12,750	1,950	1,500	350°F	PFC Lip	DGBB-SS	6.81
FTRE-4.00A-HT	6,010	5,040	1,510	1,260	8,000	12,750	1,950	1,500	350°F	PFC Lip	DGBB-SS	8.48



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

FTRE-HT-R – HIGH TEMP. +350°F

Flanged – Stud Eccentric

440 Stainless Steel Ball Bearings

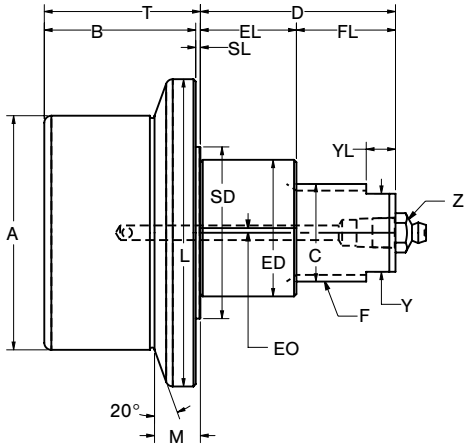
∞ Infinity Roller™ Technology

Solutions Through Innovation

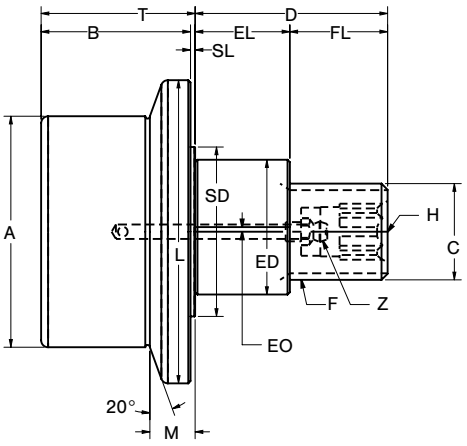
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
FTRE-1.00-HT-R	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	1.38	0.22	0.7	0.03	0.78	0.312	0.250	1/8 Drive
FTRE-1.125-HT-R	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	1.50	0.22	0.7	0.03	0.78	0.312	0.250	1/8 Drive
FTRE-1.25-HT-R	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	1.56	0.22	0.8	0.03	0.84	0.375	0.250	1/8 Drive
FTRE-1.375-HT-R	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	1.69	0.22	0.8	0.03	0.84	0.375	0.250	1/8 Drive
FTRE-1.50-2-HT-R	1.500	1.00	0.500	1.38	0.687	0.61	0.03	1/2- 20	0.75	1/4	2.00	0.34	0.8	0.06	1.06	0.375	0.250	1/8 Drive
FTRE-1.50-HT-R	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	2.19	0.34	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF
FTRE-1.75-HT-R	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	-	2.44	0.34	1.3	0.06	1.19	0.625	0.375	1/8-27 NPT
FTRE-2.00-9-HT-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59*	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
FTRE-2.00-HT-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.69	0.59	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
FTRE-2.25-HT-R	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.94	0.59	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
FTRE-2.50-HT-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.19	0.59	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
FTRE-2.75-HT-R	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.44	0.59	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
FTRE-3.00A-HT-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	3.94	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.25A-HT-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	4.19	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.50A-HT-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.44	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-4.00A-HT-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.94	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF



THROUGH 2.75-R



3.00 ROLLER DIA. AND LARGER



FTRE-HT-R – HIGH TEMP. +350°F

Flanged – Stud Eccentric

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRE-1.00-HT-R	560	270	140	70	24,000	380	390	250	350°F	PFC Lip	DGBB-SS	0.22
FTRE-1.125-HT-R	560	270	140	70	24,000	380	390	250	350°F	PFC Lip	DGBB-SS	0.27
FTRE-1.25-HT-R	740	370	190	100	19,000	710	470	250	350°F	PFC Lip	DGBB-SS	0.34
FTRE-1.375-HT-R	740	370	190	100	19,000	710	470	250	350°F	PFC Lip	DGBB-SS	0.41
FTRE-1.50-2-HT-R	1,660	1,050	420	270	16,000	710	470	650	350°F	PFC Lip	DGBB-SS	0.59
FTRE-1.50-HT-R	2,090	1,350	530	340	15,000	1,210	550	650	350°F	PFC Lip	DGBB-SS	0.76
FTRE-1.75-HT-R	2,090	1,350	530	340	15,000	1,210	550	650	350°F	PFC Lip	DGBB-SS	1.08
FTRE-2.00-9-HT-R	2,940	2,140	740	540	12,000	2,830	900	650	350°F	PFC Lip	DGBB-SS	2.00
FTRE-2.00-HT-R	2,940	2,140	740	540	12,000	2,830	900	650	350°F	PFC Lip	DGBB-SS	1.96
FTRE-2.25-HT-R	2,940	2,140	740	540	12,000	2,830	900	650	350°F	PFC Lip	DGBB-SS	2.37
FTRE-2.50-HT-R	4,270	3,440	1,070	860	8,500	7,020	1,340	650	350°F	PFC Lip	DGBB-SS	2.87
FTRE-2.75-HT-R	4,270	3,440	1,070	860	8,500	7,020	1,340	650	350°F	PFC Lip	DGBB-SS	3.38
FTRE-3.00A-HT-R	6,010	5,040	1,510	1,260	8,000	12,750	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.15
FTRE-3.25A-HT-R	6,010	5,040	1,510	1,260	8,000	12,750	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.85
FTRE-3.50A-HT-R	6,010	5,040	1,510	1,260	8,000	12,750	1,950	1,500	350°F	PFC Lip	DGBB-SS	6.81
FTRE-4.00A-HT-R	6,010	5,040	1,510	1,260	8,000	12,750	1,950	1,500	350°F	PFC Lip	DGBB-SS	8.48



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

FTRY-HT – HIGH TEMP. +350°F

Flanged – Yoke

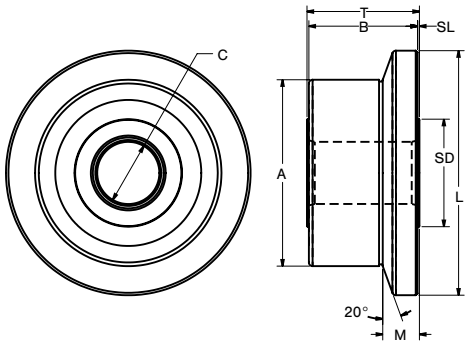
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T
	ROLLER			FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Bore Dia. +.0007 -.0000	Dia.	Width	Dia.	Len.	Inner Race Width +.005 -.010
FTRY-1.00-HT	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688
FTRY-1.125-HT	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688
FTRY-1.25-HT	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813
FTRY-1.375-HT	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813
FTRY-1.50-HT	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937
FTRY-1.75-HT	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063
FTRY-2.00-HT	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313
FTRY-2.25-HT	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313
FTRY-2.50-HT	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563
FTRY-2.75-HT	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563
FTRY-3.00A-HT	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813
FTRY-3.25A-HT	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813
FTRY-3.50A-HT	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063
FTRY-4.00A-HT	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312	YSHE-.312
YSH-.312	YSHE-.312
YSH-.375	YSHE-.375
YSH-.375	YSHE-.375
YSH-.437	YSHE-.437
YSH-.500	YSHE-.500
YSH-.625	YSHE-.625
YSH-.625	YSHE-.625
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-1.000	YSHE-1.000
YSH-1.000	YSHE-1.000
YSH-1.125	YSHE-1.125
YSH-1.250	YSHE-1.250





FTRY-HT – HIGH TEMP. +350°F
Flanged – Yoke
440 Stainless Steel Ball Bearings
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRY-1.00-HT	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.12
FTRY-1.125-HT	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.15
FTRY-1.25-HT	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.2
FTRY-1.375-HT	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.25
FTRY-1.50-HT	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.37
FTRY-1.75-HT	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.59
FTRY-2.00-HT	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.07
FTRY-2.25-HT	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.40
FTRY-2.50-HT	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	1.84
FTRY-2.75-HT	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	2.37
FTRY-3.00A-HT	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	3.16
FTRY-3.25A-HT	5,030	4,590	1,260	1,152	7,000	350°F	PFC Lip	DGBB-SS	3.83
FTRY-3.50A-HT	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	4.80
FTRY-4.00A-HT	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	7.05



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

FTRY-HT-R – HIGH TEMP. +350°F

Flanged – Yoke

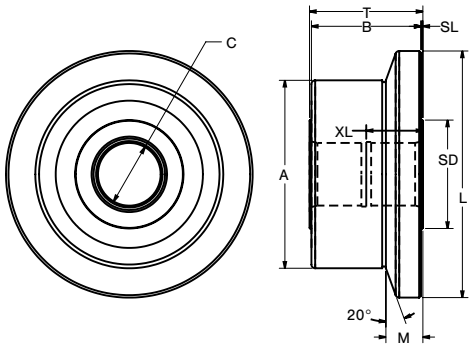
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	XL
	ROLLER			FLANGE		SHOULDER			
	Dia. +.000 -.001	Width	Bore Dia. +.0007 -.0000	Dia.	Width	Dia.	Len.	Inner Race Width +.005 -.010	Grease Groove Location
FTRY-1.00-HT-R	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688	0.34
FTRY-1.125-HT-R	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688	0.34
FTRY-1.25-HT-R	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813	0.41
FTRY-1.375-HT-R	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813	0.41
FTRY-1.50-HT-R	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	0.47
FTRY-1.75-HT-R	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	0.53
FTRY-2.00-HT-R	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	0.66
FTRY-2.25-HT-R	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	0.66
FTRY-2.50-HT-R	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	0.78
FTRY-2.75-HT-R	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	0.78
FTRY-3.00A-HT-R	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.91
FTRY-3.25A-HT-R	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.91
FTRY-3.50A-HT-R	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	1.03
FTRY-4.00A-HT-R	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.16

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312-R	YSHE-.312-R
YSH-.312-R	YSHE-.312-R
YSH-.375-R	YSHE-.375-R
YSH-.375-R	YSHE-.375-R
YSH-.437-R	YSHE-.437-R
YSH-.500-R	YSHE-.500-R
YSH-.625-R	YSHE-.625-R
YSH-.625-R	YSHE-.625-R
YSH-.750-R	YSHE-.750-R
YSH-.750-R	YSHE-.750-R
YSH-1.000-R	YSHE-1.000-R
YSH-1.000-R	YSHE-1.000-R
YSH-1.125-R	YSHE-1.125-R
YSH-1.250-R	YSHE-1.250-R





FTRY-HT-R – HIGH TEMP. +350°F

Flanged – Yoke

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRY-1.00-HT-R	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.12
FTRY-1.125-HT-R	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.15
FTRY-1.25-HT-R	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.2
FTRY-1.375-HT-R	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.25
FTRY-1.50-HT-R	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.37
FTRY-1.75-HT-R	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.59
FTRY-2.00-HT-R	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.07
FTRY-2.25-HT-R	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.40
FTRY-2.50-HT-R	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	1.84
FTRY-2.75-HT-R	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	2.37
FTRY-3.00A-HT-R	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	3.16
FTRY-3.25A-HT-R	5,030	4,590	1,260	1,152	7,000	350°F	PFC Lip	DGBB-SS	3.83
FTRY-3.50A-HT-R	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	4.80
FTRY-4.00A-HT-R	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	7.05



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

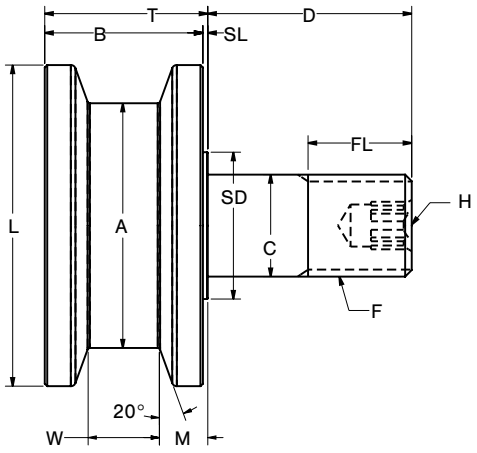
FFTR-HT – HIGH TEMP. +350°F

Double Flanged – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T	W
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER			Tread Width
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	
FFTR-1.00-HT	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.38	0.22	0.5	0.03	0.78	0.37
FFTR-1.125-HT	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.50	0.22	0.5	0.03	0.78	0.37
FFTR-1.25-HT	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.56	0.22	0.6	0.03	0.84	0.43
FFTR-1.375-HT	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.69	0.22	0.6	0.03	0.84	0.43
FFTR-1.50-HT	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.19	0.34	0.8	0.06	1.19	0.57
FFTR-1.75-HT	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	2.44	0.34	0.9	0.06	1.19	0.57
FFTR-2.00-HT	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59	1.0	0.06	1.69	0.57
FFTR-2.25-HT	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.59	1.0	0.06	1.69	0.57
FFTR-2.50-HT	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	3.19	0.59	1.2	0.06	1.69	0.57
FFTR-2.75-HT	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	3.44	0.59	1.2	0.06	1.69	0.57
FFTR-3.00A-HT	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.5	0.06	2.00	0.88
FFTR-3.25A-HT	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.5	0.06	2.00	0.88
FFTR-3.50A-HT	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.5	0.06	2.00	0.88
FFTR-4.00A-HT	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.5	0.06	2.00	0.88



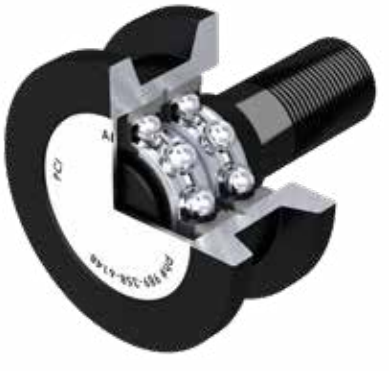


FFTR-HT – HIGH TEMP. +350°F

Double Flanged – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTR-1.00-HT	560	270	140	70	24,000	500	390	180	350°F	PFC Lip	DGBB-SS	0.23
FFTR-1.125-HT	560	270	140	70	24,000	500	390	180	350°F	PFC Lip	DGBB-SS	0.28
FFTR-1.25-HT	740	370	190	100	19,000	900	470	180	350°F	PFC Lip	DGBB-SS	0.34
FFTR-1.375-HT	740	370	190	100	19,000	900	470	180	350°F	PFC Lip	DGBB-SS	0.41
FFTR-1.50-HT	2,090	1,350	530	340	15,000	1,570	550	350	350°F	PFC Lip	DGBB-SS	0.81
FFTR-1.75-HT	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	1.14
FFTR-2.00-HT	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	2.15
FFTR-2.25-HT	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	2.61
FFTR-2.50-HT	4,270	3,440	1,070	860	8,500	8,180	1,340	650	350°F	PFC Lip	DGBB-SS	3.16
FFTR-2.75-HT	4,270	3,440	1,070	860	8,500	8,180	1,340	650	350°F	PFC Lip	DGBB-SS	3.72
FFTR-3.00A-HT	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.25
FFTR-3.25A-HT	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.89
FFTR-3.50A-HT	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	6.78
FFTR-4.00A-HT	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	8.55



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

FFTR-HT-R – HIGH TEMP. +350°F

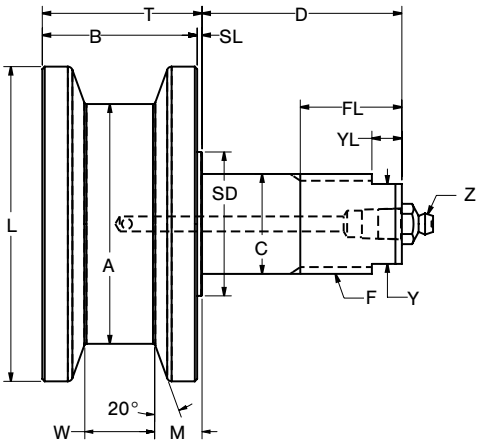
Double Flanged – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

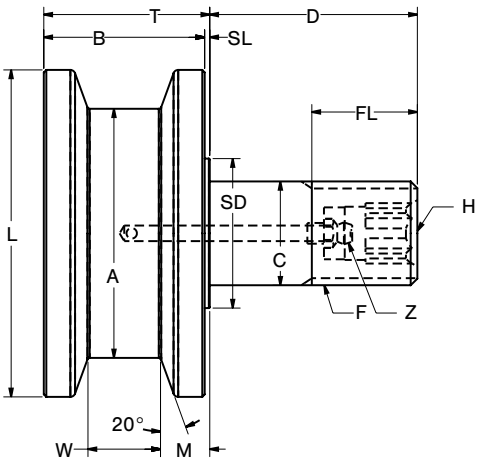
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER			Tread Width	WRENCH FLAT		Lube Size
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia	Width	Dia.	Len.	Len. + Roller Width		Size	Flat Len.	
FFTR-1.00-HT-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	1.38	0.22	0.5	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTR-1.125-HT-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	1.50	0.22	0.5	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTR-1.25-HT-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	1.56	0.22	0.6	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTR-1.375-HT-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	1.69	0.22	0.6	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTR-1.50-HT-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	2.19	0.34	0.8	0.06	1.19	0.56	0.500	0.375	1/4-28 UNF
FFTR-1.75-HT-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	2.44	0.34	0.9	0.06	1.19	0.56	0.625	0.375	1/8-27 NPT
FFTR-2.00-HT-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	2.69	0.59	1.0	0.06	1.69	0.56	0.625	0.375	1/8-27 NPT
FFTR-2.25-HT-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	2.94	0.59	1.0	0.06	1.69	0.56	0.625	0.375	1/8-27 NPT
FFTR-2.50-HT-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	3.19	0.59	1.2	0.06	1.69	0.56	0.875	0.375	1/8-27 NPT
FFTR-2.75-HT-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	3.44	0.59	1.2	0.06	1.69	0.56	0.875	0.375	1/8-27 NPT
FFTR-3.00A-HT-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	3.94	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.25A-HT-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.19	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.50A-HT-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.44	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-4.00A-HT-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF



THROUGH 2.75-R



3.00 ROLLER DIA. AND LARGER



FFTR-HT-R – HIGH TEMP. +350°F

Double Flanged – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTR-1.00-HT-R	560	270	140	70	24,000	500	390	180	350°F	PFC Lip	DGBB-SS	0.23
FFTR-1.125-HT-R	560	270	140	70	24,000	500	390	180	350°F	PFC Lip	DGBB-SS	0.28
FFTR-1.25-HT-R	740	370	190	100	19,000	900	470	180	350°F	PFC Lip	DGBB-SS	0.34
FFTR-1.375-HT-R	740	370	190	100	19,000	900	470	180	350°F	PFC Lip	DGBB-SS	0.41
FFTR-1.50-HT-R	2,090	1,350	530	340	15,000	1,570	550	350	350°F	PFC Lip	DGBB-SS	0.81
FFTR-1.75-HT-R	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	1.14
FFTR-2.00-HT-R	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	2.15
FFTR-2.25-HT-R	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	2.61
FFTR-2.50-HT-R	4,270	3,440	1,070	860	8,500	8,180	1,340	650	350°F	PFC Lip	DGBB-SS	3.16
FFTR-2.75-HT-R	4,270	3,440	1,070	860	8,500	8,180	1,340	650	350°F	PFC Lip	DGBB-SS	3.72
FFTR-3.00A-HT-R	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.25
FFTR-3.25A-HT-R	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.89
FFTR-3.50A-HT-R	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	6.78
FFTR-4.00A-HT-R	6,010	5,040	1,510	1,260	8,000	13,580	1,950	1,500	350°F	PFC Lip	DGBB-SS	8.55



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

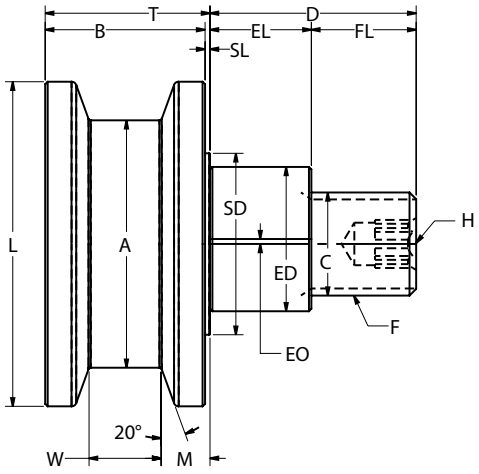
FFTRE-HT – HIGH TEMP. +350°F

Double Flanged – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T	W
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER			Tread Width
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	
FFTRE-1.00-HT	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.38	0.22	0.7	0.03	0.78	0.37
FFTRE-1.125-HT	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.50	0.22	0.7	0.03	0.78	0.37
FFTRE-1.25-HT	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.56	0.22	0.8	0.03	0.84	0.43
FFTRE-1.375-HT	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.69	0.22	0.8	0.03	0.84	0.43
FFTRE-1.50-HT	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.19	0.34	1.1	0.06	1.19	0.57
FFTRE-1.75-HT	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	2.44	0.34	1.3	0.06	1.19	0.57
FFTRE-2.00-HT	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59	1.5	0.06	1.69	0.57
FFTRE-2.25-HT	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.59	1.5	0.06	1.69	0.57
FFTRE-2.50-HT	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.19	0.59	1.7	0.06	1.69	0.57
FFTRE-2.75-HT	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.44	0.59	1.7	0.06	1.69	0.57
FFTRE-3.00A-HT	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00	0.88
FFTRE-3.25A-HT	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00	0.88
FFTRE-3.50A-HT	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00	0.88
FFTRE-4.00A-HT	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00	0.88





Solutions Through Innovation

FFTRE-HT – HIGH TEMP. +350°F

Double Flanged – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRE-1.00-HT	560	270	140	70	24,000	500	390	250	350°F	PFC Lip	DGBB-SS	0.25
FFTRE-1.125-HT	560	270	140	70	24,000	500	390	250	350°F	PFC Lip	DGBB-SS	0.31
FFTRE-1.25-HT	740	370	190	100	19,000	930	470	250	350°F	PFC Lip	DGBB-SS	0.36
FFTRE-1.375-HT	740	370	190	100	19,000	930	470	250	350°F	PFC Lip	DGBB-SS	0.45
FFTRE-1.50-HT	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	0.91
FFTRE-1.75-HT	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	1.25
FFTRE-2.00-HT	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	2.29
FFTRE-2.25-HT	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	2.80
FFTRE-2.50-HT	4,270	3,440	1,070	860	8,500	9,660	1,340	650	350°F	PFC Lip	DGBB-SS	3.48
FFTRE-2.75-HT	4,270	3,440	1,070	860	8,500	9,660	1,340	650	350°F	PFC Lip	DGBB-SS	3.98
FFTRE-3.00A-HT	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.77
FFTRE-3.25A-HT	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	6.40
FFTRE-3.50A-HT	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	7.57
FFTRE-4.00A-HT	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	9.11



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

FFTRE-HT-R – HIGH TEMP. +350°F

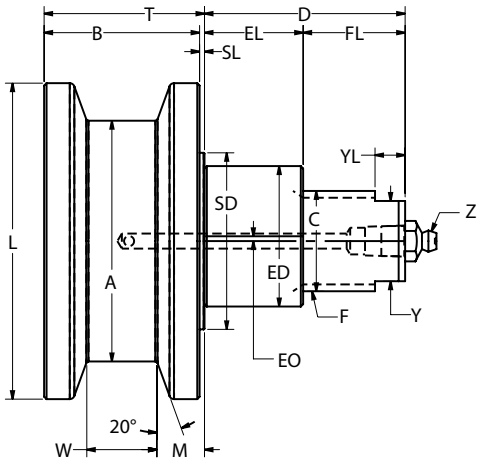
Double Flanged – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

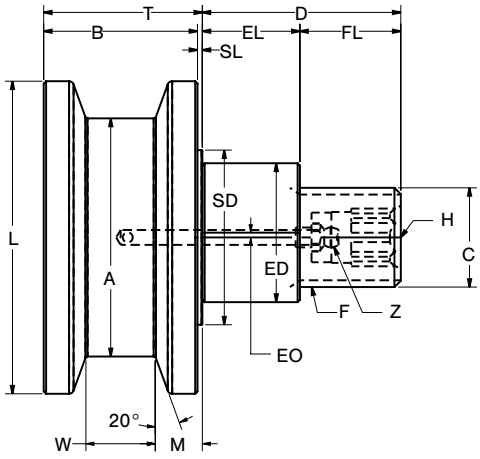
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER			Tread Width	WRENCH FLAT		Lube Size
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width		Size	Flat Len.	
FFTRE-1.00-HT-R	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	1.38	0.22	0.7	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTRE-1.125-HT-R	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	1.50	0.22	0.7	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTRE-1.25-HT-R	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	1.56	0.22	0.8	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTRE-1.375-HT-R	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	1.69	0.22	0.8	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTRE-1.50-HT-R	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	2.19	0.34	1.1	0.06	1.19	0.56	0.500	0.375	1/4-28 UNF
FFTRE-1.75-HT-R	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	-	2.44	0.34	1.3	0.06	1.19	0.56	0.625	0.375	1/8-27 NPT
FFTRE-2.00-HT-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.69	0.59	1.5	0.06	1.69	0.56	0.625	0.375	1/8-27 NPT
FFTRE-2.25-HT-R	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.94	0.59	1.5	0.06	1.69	0.56	0.625	0.375	1/8-27 NPT
FFTRE-2.50-HT-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.19	0.59	1.7	0.06	1.69	0.56	0.875	0.375	1/8-27 NPT
FFTRE-2.75-HT-R	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.44	0.59	1.7	0.06	1.69	0.56	0.875	0.375	1/8-27 NPT
FFTRE-3.00A-HT-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	3.94	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.25A-HT-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	4.19	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.50A-HT-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.44	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-4.00A-HT-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.94	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF



THROUGH 2.75-R



3.00 ROLLER DIA. AND LARGER



Solutions Through Innovation

FFTRE-HT-R – HIGH TEMP. +350°F

Double Flanged – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRE-1.00-HT-R	560	270	140	70	24,000	500	390	250	350°F	PFC Lip	DGBB-SS	0.25
FFTRE-1.125-HT-R	560	270	140	70	24,000	500	390	250	350°F	PFC Lip	DGBB-SS	0.31
FFTRE-1.25-HT-R	740	370	190	100	19,000	930	470	250	350°F	PFC Lip	DGBB-SS	0.36
FFTRE-1.375-HT-R	740	370	190	100	19,000	930	470	250	350°F	PFC Lip	DGBB-SS	0.45
FFTRE-1.50-HT-R	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	0.91
FFTRE-1.75-HT-R	2,090	1,350	530	340	15,000	1,570	550	650	350°F	PFC Lip	DGBB-SS	1.25
FFTRE-2.00-HT-R	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	2.29
FFTRE-2.25-HT-R	2,940	2,140	740	540	12,000	4,360	900	650	350°F	PFC Lip	DGBB-SS	2.80
FFTRE-2.50-HT-R	4,270	3,440	1,070	860	8,500	9,660	1,340	650	350°F	PFC Lip	DGBB-SS	3.48
FFTRE-2.75-HT-R	4,270	3,440	1,070	860	8,500	9,660	1,340	650	350°F	PFC Lip	DGBB-SS	3.98
FFTRE-3.00A-HT-R	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	5.77
FFTRE-3.25A-HT-R	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	6.40
FFTRE-3.50A-HT-R	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	7.57
FFTRE-4.00A-HT-R	6,010	5,040	1,510	1,260	8,000	17,870	1,950	1,500	350°F	PFC Lip	DGBB-SS	9.11



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

FFTRY-HT – HIGH TEMP. +350°F

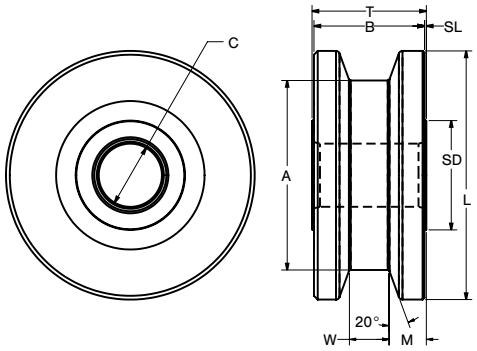
Double Flanged – Yoke

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	W	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	FLANGE		SHOULDER		Inner Race Width +.005 -.010	Tread Width	Concentric Shaft	Eccentric Shaft
	Dia.	Width		Dia.	Width	Dia.	Len.				
FFTRY-1.00-HT	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688	0.25	YSH-.312	YSHE-.312
FFTRY-1.125-HT	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688	0.25	YSH-.312	YSHE-.312
FFTRY-1.25-HT	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813	0.38	YSH-.375	YSHE-.375
FFTRY-1.375-HT	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813	0.38	YSH-.375	YSHE-.375
FFTRY-1.50-HT	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	0.50	YSH-.437	YSHE-.437
FFTRY-1.75-HT	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	0.56	YSH-.500	YSHE-.500
FFTRY-2.00-HT	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	0.69	YSH-.625	YSHE-.625
FFTRY-2.25-HT	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	0.69	YSH-.625	YSHE-.625
FFTRY-2.50-HT	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	0.56	YSH-.750	YSHE-.750
FFTRY-2.75-HT	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	0.56	YSH-.750	YSHE-.750
FFTRY-3.00A-HT	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63	YSH-1.000	YSHE-1.000
FFTRY-3.25A-HT	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63	YSH-1.000	YSHE-1.000
FFTRY-3.50A-HT	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88	YSH-1.125	YSHE-1.125
FFTRY-4.00A-HT	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13	YSH-1.250	YSHE-1.250





FFTRY-HT – HIGH TEMP. +350°F

Double Flanged – Yoke
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRY-1.00-HT	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.14
FFTRY-1.125-HT	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.17
FFTRY-1.25-HT	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.22
FFTRY-1.375-HT	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.27
FFTRY-1.50-HT	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.45
FFTRY-1.75-HT	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.71
FFTRY-2.00-HT	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.32
FFTRY-2.25-HT	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.67
FFTRY-2.50-HT	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	2.19
FFTRY-2.75-HT	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	2.69
FFTRY-3.00A-HT	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	3.86
FFTRY-3.25A-HT	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	4.44
FFTRY-3.50A-HT	5,320	5,130	1,260	1,290	6,300	350°F	PFC Lip	DGBB-SS	5.43
FFTRY-4.00A-HT	5,320	5,130	1,260	1,290	6,300	350°F	PFC Lip	DGBB-SS	8.16



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

FFTRY-HT-R – HIGH TEMP. +350°F

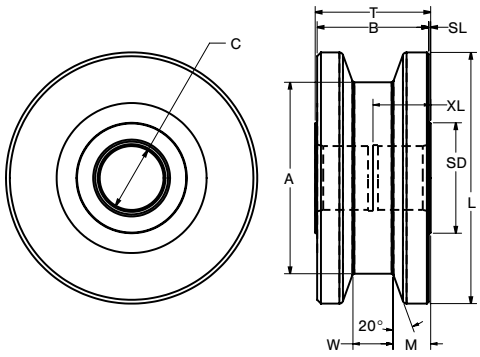
Double Flanged – Yoke

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	W	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER			FLANGE		SHOULDER						
	Dia.	Width	Bore Dia. +.0007 -.0000	Dia.	Width	Dia.	Len.	Inner Race Width +.005 -.010	Tread Width	Grease Groove Location	Concentric Shaft	Eccentric Shaft
FFTRY-1.00-HT-R	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688	0.25	0.34	YSH-.312-R	YSHE-.312-R
FFTRY-1.125-HT-R	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688	0.25	0.34	YSH-.312-R	YSHE-.312-R
FFTRY-1.25-HT-R	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813	0.38	0.41	YSH-.375-R	YSHE-.375-R
FFTRY-1.375-HT-R	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813	0.38	0.41	YSH-.375-R	YSHE-.375-R
FFTRY-1.50-HT-R	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	0.50	0.47	YSH-.437-R	YSHE-.437-R
FFTRY-1.75-HT-R	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	0.56	0.53	YSH-.500-R	YSHE-.500-R
FFTRY-2.00-HT-R	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	0.69	0.66	YSH-.625-R	YSHE-.625-R
FFTRY-2.25-HT-R	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	0.69	0.66	YSH-.625-R	YSHE-.625-R
FFTRY-2.50-HT-R	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	0.56	0.78	YSH-.750-R	YSHE-.750-R
FFTRY-2.75-HT-R	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	0.68	0.78	YSH-.750-R	YSHE-.750-R
FFTRY-3.00A-HT-R	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63	0.91	YSH-1.000-R	YSHE-1.000-R
FFTRY-3.25A-HT-R	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63	0.91	YSH-1.000-R	YSHE-1.000-R
FFTRY-3.50A-HT-R	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88	1.03	YSH-1.125-R	YSHE-1.125-R
FFTRY-4.00A-HT-R	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13	1.16	YSH-1.250-R	YSHE-1.250-R





FFTRY-HT-R – HIGH TEMP. +350°F

Double Flanged – Yoke
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRY-1.00-HT-R	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.14
FFTRY-1.125-HT-R	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.17
FFTRY-1.25-HT-R	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.22
FFTRY-1.375-HT-R	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.27
FFTRY-1.50-HT-R	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.45
FFTRY-1.75-HT-R	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.71
FFTRY-2.00-HT-R	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.32
FFTRY-2.25-HT-R	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.67
FFTRY-2.50-HT-R	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	2.19
FFTRY-2.75-HT-R	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	2.69
FFTRY-3.00A-HT-R	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	3.86
FFTRY-3.25A-HT-R	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	4.44
FFTRY-3.50A-HT-R	5,320	5,130	1,260	1,290	6,300	350°F	PFC Lip	DGBB-SS	5.43
FFTRY-4.00A-HT-R	5,320	5,130	1,260	1,290	6,300	350°F	PFC Lip	DGBB-SS	8.16



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

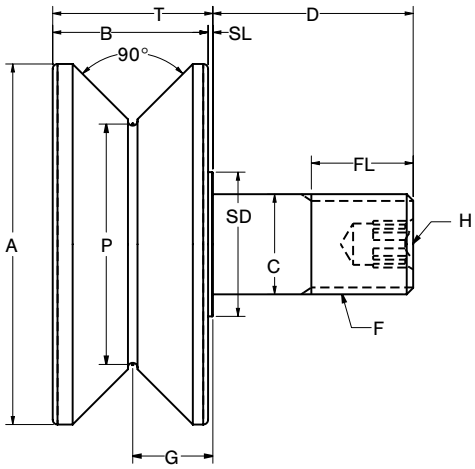
VTR-HT – HIGH TEMP. +350°F

V-Groove – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	M	SD	SL	T
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.				Dia.	Len.	Len. + Roller Width
VTR-1.50-HT	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	3/16	1.125	0.5	0.03	0.78
VTR-2.00-HT	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	3/16	1.375	0.6	0.03	0.84
VTR-2.50-HT	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	1.500	0.9	0.06	1.31
VTR-3.50-HT	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	2.250	1.0	0.06	1.69
VTR-4.50A-HT	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.5	0.06	2.00
VTR-5.50A-HT	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.5	0.06	2.00





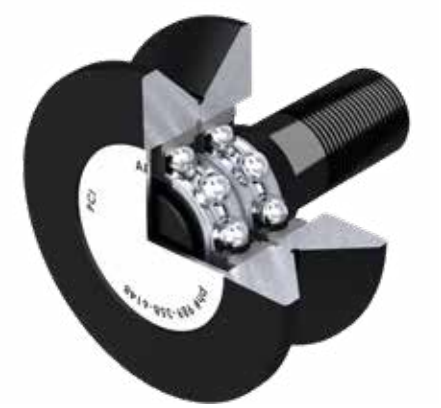
Solutions Through Innovation

VTR-HT – HIGH TEMP. +350°F

V-Groove – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTR-1.50-HT	560	270	140	70	24,000	870	390	180	350°F	PFC Lip	DGBB-SS	0.33
VTR-2.00-HT	740	370	190	100	19,000	1,230	470	180	350°F	PFC Lip	DGBB-SS	0.56
VTR-2.50-HT	2,090	1,350	530	340	15,000	1,390	550	650	350°F	PFC Lip	DGBB-SS	1.31
VTR-3.50-HT	3,940	2,950	990	740	10,000	5,370	900	650	350°F	PFC Lip	DGBB-SS	3.44
VTR-4.50A-HT	6,010	5,040	1,510	1,260	8,000	22,200	1,950	1,500	350°F	PFC Lip	DGBB-SS	6.85
VTR-5.50A-HT	6,010	5,040	1,510	1,260	8,000	22,200	1,950	1,500	350°F	PFC Lip	DGBB-SS	10.82



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

VTR-HT-R – HIGH TEMP. +350°F

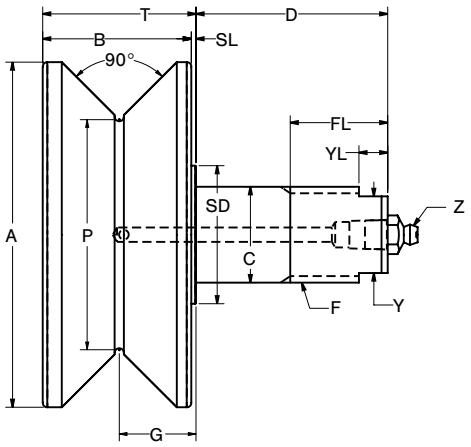
V-Groove – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

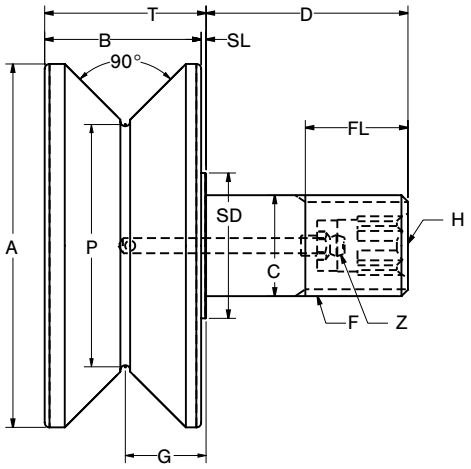
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER			WRENCH FLAT		Lube Size
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.				Dia.	len.	Len. + Roller Width	Size	Flat Len.	
VTR-1.50-HT-R	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	-	1.125	0.5	0.03	0.78	0.312	0.250	1/8 Drive
VTR-2.00-HT-R	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	-	1.375	0.6	0.03	0.84	0.375	0.250	1/8 Drive
VTR-2.50-HT-R	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	-	1.500	0.9	0.06	1.31	0.625	0.375	1/8-27 NPT
VTR-3.50-HT-R	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	-	2.250	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
VTR-4.50A-HT-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	3.000	1.5	0.06	2.00	-	-	1/4-28 UNF
VTR-5.50A-HT-R	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	5/8	4.000	1.5	0.06	2.00	-	-	1/4-28 UNF



THROUGH 2.75-R



3.00 ROLLER DIA. AND LARGER



Solutions Through Innovation

VTR-HT-R – HIGH TEMP. +350°F

V-Groove – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTR-1.50-HT-R	560	270	140	70	24,000	870	390	180	350°F	PFC Lip	DGBB-SS	0.33
VTR-2.00-HT-R	740	370	190	100	19,000	1,230	470	180	350°F	PFC Lip	DGBB-SS	0.56
VTR-2.50-HT-R	2,090	1,350	530	340	15,000	1,390	550	650	350°F	PFC Lip	DGBB-SS	1.31
VTR-3.50-HT-R	3,940	2,950	990	740	10,000	5,370	900	650	350°F	PFC Lip	DGBB-SS	3.44
VTR-4.50A-HT-R	6,010	5,040	1,510	1,260	8,000	22,200	1,950	1,500	350°F	PFC Lip	DGBB-SS	6.85
VTR-5.50A-HT-R	6,010	5,040	1,510	1,260	8,000	22,200	1,950	1,500	350°F	PFC Lip	DGBB-SS	10.82



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

VTRE-HT – HIGH TEMP. +350°F

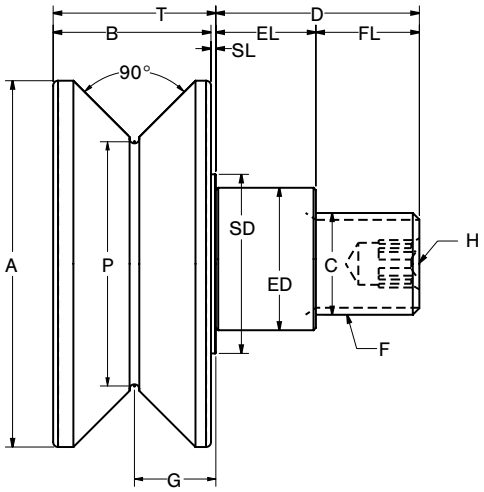
V-Groove – Stud Eccentric

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	M	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width
VTRE-1.50-HT	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.50	0.39	3/16	1.125	0.7	0.03	0.78
VTRE-2.00-HT	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.63	0.42	3/16	1.375	0.8	0.03	0.84
VTRE-2.50-HT	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.88	0.69	5/16	1.500	1.3	0.06	1.31
VTRE-3.50-HT	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.13	0.88	5/16	2.250	1.5	0.06	1.69
VTRE-4.50A-HT	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.75	1.00	1/2	3.000	2.2	0.06	2.00
VTRE-5.50A-HT	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.75	1.00	1/2	4.000	2.2	0.06	2.00





Solutions Through Innovation

VTRE-HT – HIGH TEMP. +350°F

V-Groove – Stud Eccentric

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRE-1.50-HT	560	270	140	70	24,000	870	390	250	350°F	PFC Lip	DGBB-SS	0.36
VTRE-2.00-HT	740	370	190	100	19,000	1,230	470	250	350°F	PFC Lip	DGBB-SS	0.59
VTRE-2.50-HT	2,090	1,350	530	340	15,000	1,390	550	650	350°F	PFC Lip	DGBB-SS	1.38
VTRE-3.50-HT	3,940	2,950	990	740	10,000	5,370	900	650	350°F	PFC Lip	DGBB-SS	3.49
VTRE-4.50A-HT	6,010	5,040	1,510	1,260	8,000	22,200	1,950	1,500	350°F	PFC Lip	DGBB-SS	7.31
VTRE-5.50A-HT	6,010	5,040	1,510	1,260	8,000	22,200	1,950	1,500	350°F	PFC Lip	DGBB-SS	11.24



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

VTRE-HT-R – HIGH TEMP. +350°F

V-Groove – Stud Eccentric

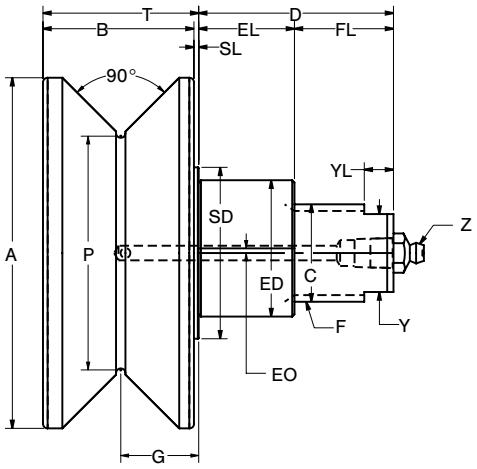
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

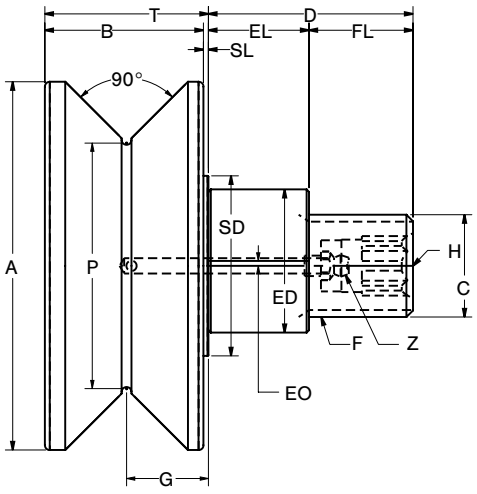
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER			WRENCH FLAT		Lube Size
	Dia.	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
VTRE-1.50-HT-R	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.50	0.39	-	1.125	0.7	0.03	0.78	0.312	0.250	1/8 Drive
VTRE-2.00-HT-R	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.63	0.42	-	1.375	0.8	0.03	0.84	0.375	0.250	1/8 Drive
VTRE-2.50-HT-R	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.88	0.69	-	1.500	1.3	0.06	1.31	0.625	0.375	1/8-27 NPT
VTRE-3.50-HT-R	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.13	0.88	-	2.250	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
VTRE-4.50A-HT-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.75	1.00	5/8	3.000	2.2	0.06	2.00	-	-	1/4-28 UNF
VTRE-5.50A-HT-R	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.75	1.00	5/8	4.000	2.2	0.06	2.00	-	-	1/4-28 UNF



THROUGH 3.50-R



4.50 ROLLER DIA. AND LARGER



VTRE-HT-R – HIGH TEMP. +350°F

V-Groove – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRE-1.50-HT-R	560	270	140	70	24,000	870	390	250	350°F	PFC Lip	DGBB-SS	0.36
VTRE-2.00-HT-R	740	370	190	100	19,000	1,230	470	250	350°F	PFC Lip	DGBB-SS	0.59
VTRE-2.50-HT-R	2,090	1,350	530	340	15,000	1,390	550	650	350°F	PFC Lip	DGBB-SS	1.38
VTRE-3.50-HT-R	3,940	2,950	990	740	10,000	5,370	900	650	350°F	PFC Lip	DGBB-SS	3.49
VTRE-4.50A-HT-R	6,010	5,040	1,510	1,260	8,000	22,200	1,950	1,500	350°F	PFC Lip	DGBB-SS	7.31
VTRE-5.50A-HT-R	6,010	5,040	1,510	1,260	8,000	22,200	1,950	1,500	350°F	PFC Lip	DGBB-SS	11.24



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

VTRY-HT – HIGH TEMP. +350°F

V-Groove – Yoke

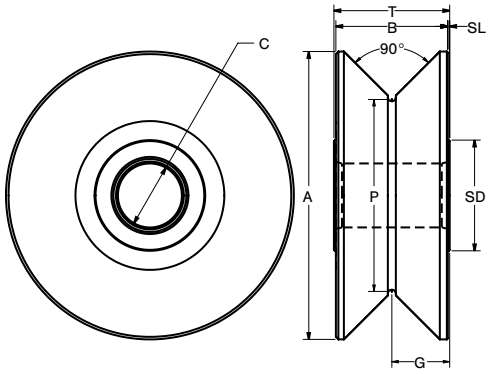
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T
	ROLLER					SHOULDER		
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Point Dia. +.000 -.001	Dia.	Len.	Inner Race Width +.005 -.010
VTRY-1.50-HT	1.50	0.63	0.3130	0.34	1.063	0.6	0.03	0.688
VTRY-1.75-HT	1.75	0.75	0.3755	0.41	1.313	0.6	0.03	0.813
VTRY-2.00-HT	2.00	0.88	0.4380	0.44	1.500	0.9	0.03	0.938
VTRY-2.50-9-HT	2.50	0.88	0.4380	0.47	1.750	0.9	0.03	0.937
VTRY-2.50-HT	2.50	1.25	0.6255	0.66	2.000	1.1	0.03	1.313
VTRY-3.00-HT	3.00	1.25	0.6255	0.66	2.060	1.1	0.03	1.313
VTRY-3.50-HT	3.50	1.50	0.7505	0.78	2.250	1.2	0.03	1.563
VTRY-3.50-9-HT	3.50	1.63	0.7505	0.84	2.250	1.2	0.03	1.687
VTRY-3.75A-HT	3.75	1.50	0.7505	0.78	2.500	1.2	0.03	1.563
VTRY-4.50A-HT	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813
VTRY-5.00A-HT	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063
VTRY-5.50A-HT	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312	YSHE-.312
YSH-.375	YSHE-.375
YSH-.437	YSHE-.437
YSH-.437	YSHE-.437
YSH-.625	YSHE-.625
YSH-.625	YSHE-.625
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-1.000	YSHE-1.000
YSH-1.125	YSHE-1.125
YSH-1.250	YSHE-1.250





VTRY-HT – HIGH TEMP. +350°F

V-Groove – Yoke

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRY-1.50-HT	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.2
VTRY-1.75-HT	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.35
VTRY-2.00-HT	1,450	1,150	370	290	19,000	350°F	PFC Lip	DGBB-SS	0.54
VTRY-2.50-9-HT	1,450	1,150	370	290	19,000	350°F	PFC Lip	DGBB-SS	0.82
VTRY-2.50-HT	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.30
VTRY-3.00-HT	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.69
VTRY-3.50-HT	3,180	2,630	800	660	9,500	350°F	PFC Lip	DGBB-SS	2.70
VTRY-3.50-9-HT	3,180	2,630	800	660	9,500	350°F	PFC Lip	DGBB-SS	2.53
VTRY-3.75A-HT	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	3.05
VTRY-4.50A-HT	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	4.88
VTRY-5.00A-HT	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	7.48
VTRY-5.50A-HT	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	11.06



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

VTRY-HT-R – HIGH TEMP. +350°F

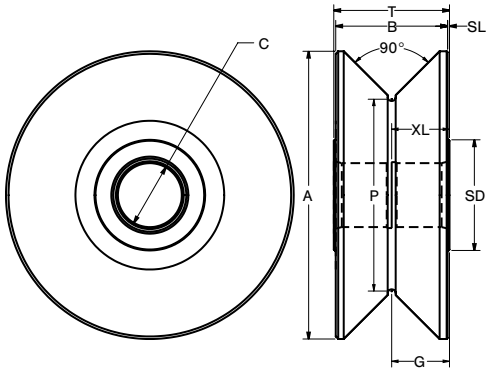
V-Groove – Yoke

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	Groove Center	Point Dia. +.000 -.001	SHOULDER		Inner Race Width +.005 -.010	Grease Groove Location	Concentric Shaft	Eccentric Shaft
	Dia.	Width				Dia.	Len.				
VTRY-1.50-HT-R	1.50	0.63	0.3130	0.34	1.063	0.6	0.03	0.688	0.34	YSH-.312-R	YSHE-.312-R
VTRY-1.75-HT-R	1.75	0.75	0.3755	0.41	1.313	0.6	0.03	0.813	0.41	YSH-.375-R	YSHE-.375-R
VTRY-2.00-HT-R	2.00	0.88	0.4380	0.44	1.500	0.9	0.03	0.938	0.44	YSH-.437-R	YSHE-.437-R
VTRY-2.50-9-HT-R	2.50	0.88	0.4380	0.47	1.750	0.9	0.03	0.937	0.47	YSH-.437-R	YSHE-.437-R
VTRY-2.50-HT-R	2.50	1.25	0.6255	0.66	2.000	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
VTRY-3.00-HT-R	3.00	1.25	0.6255	0.66	2.060	1.1	0.03	1.313	0.66	YSH-.625-R	YSHE-.625-R
VTRY-3.50-HT-R	3.50	1.50	0.7505	0.78	2.250	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
VTRY-3.50-9-HT-R	3.50	1.63	0.7505	0.84	2.250	1.2	0.03	1.687	0.78	YSH-.750-R	YSHE-.750-R
VTRY-3.75A-HT-R	3.75	1.50	0.7505	0.78	2.500	1.2	0.03	1.563	0.78	YSH-.750-R	YSHE-.750-R
VTRY-4.50A-HT-R	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813	0.91	YSH-1.000-R	YSHE-1.000-R
VTRY-5.00A-HT-R	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063	1.03	YSH-1.125-R	YSHE-1.125-R
VTRY-5.50A-HT-R	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313	1.16	YSH-1.250-R	YSHE-1.250-R





VTRY-HT-R – HIGH TEMP. +350°F

V-Groove – Yoke

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type)	Bearing Type	Approx. Roller Weight (lbs)
VTRY-1.50-HT-R	510	360	130	90	20,000	350°F	PFC Lip	DGBB-SS	0.2
VTRY-1.75-HT-R	920	660	230	170	20,000	350°F	PFC Lip	DGBB-SS	0.35
VTRY-2.00-HT-R	1,450	1,150	370	290	19,000	350°F	PFC Lip	DGBB-SS	0.54
VTRY-2.50-9-HT-R	1,450	1,150	370	290	19,000	350°F	PFC Lip	DGBB-SS	0.82
VTRY-2.50-HT-R	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.30
VTRY-3.00-HT-R	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.69
VTRY-3.50-HT-R	3,180	2,630	800	660	9,500	350°F	PFC Lip	DGBB-SS	2.70
VTRY-3.50-9-HT-R	3,180	2,630	800	660	9,500	350°F	PFC Lip	DGBB-SS	2.53
VTRY-3.75A-HT-R	4,270	3,440	1,070	860	8,500	350°F	PFC Lip	DGBB-SS	3.05
VTRY-4.50A-HT-R	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	4.88
VTRY-5.00A-HT-R	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	7.48
VTRY-5.50A-HT-R	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	11.06



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

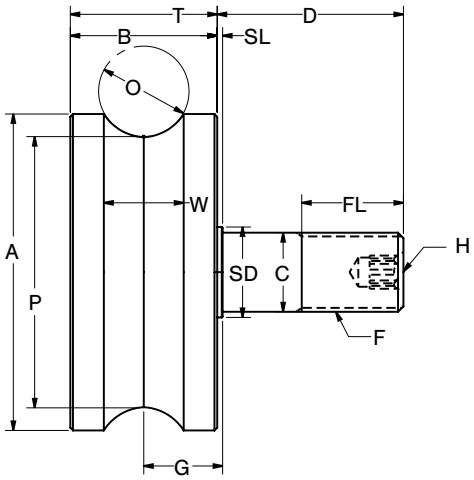
UTR-HT – HIGH TEMP. +350°F

U-Groove – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	O	M	SD	SL	T	W
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	SHOULDER			Tread Width
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.					Dia.	Len.	Len. + Roller Width	
UTR-1.50-HT	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.41	3/16	1/2	1.250	0.5	0.03	0.78	0.43
UTR-1.75-HT	1.75	0.75	0.437	1.00	7/16 - 20	0.50	0.41	3/16	1/2	1.500	0.5	0.03	0.78	0.43
UTR-2.00-HT	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.44	3/16	5/8	1.750	0.6	0.03	0.84	0.50
UTR-2.50-HT	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	3/4	2.000	0.9	0.06	1.31	0.71
UTR-3.50-HT	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	1	3.000	1.0	0.06	1.69	0.87
UTR-4.50A-HT	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	1	4.000	1.5	0.06	2.00	0.87



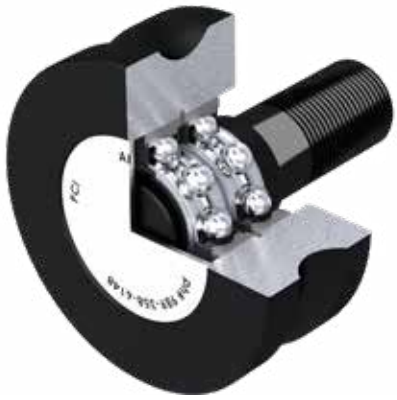


UTR-HT – HIGH TEMP. +350°F

U-Groove – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTR-1.50-HT	560	270	140	70	24,000	500	390	180	350°F	PFC Lip	DGBB-SS	0.33
UTR-1.75-HT	560	270	140	70	24,000	500	390	180	350°F	PFC Lip	DGBB-SS	0.46
UTR-2.00-HT	740	370	190	100	19,000	900	470	180	350°F	PFC Lip	DGBB-SS	0.64
UTR-2.50-HT	2,090	1,350	530	340	15,000	1,390	550	650	350°F	PFC Lip	DGBB-SS	1.54
UTR-3.50-HT	3,940	2,950	990	740	10,000	5,370	900	650	350°F	PFC Lip	DGBB-SS	4.05
UTR-4.50A-HT	6,010	5,040	1,510	1,260	8,000	22,200	1,950	1,500	350°F	PFC Lip	DGBB-SS	8.31



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

UTR-HT-R – HIGH TEMP. +350°F

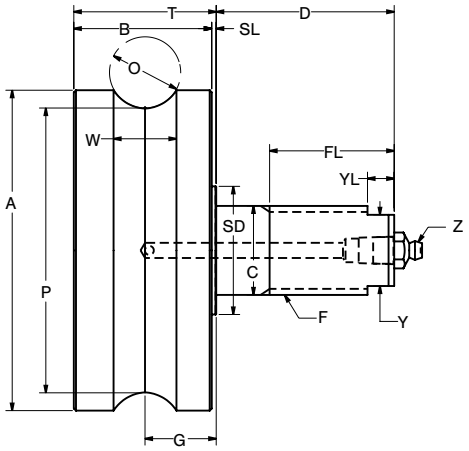
U-Groove – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

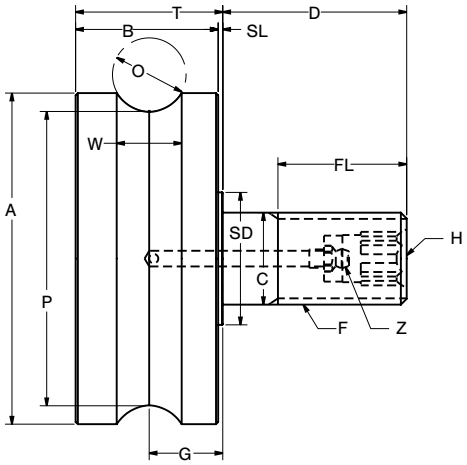
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	O	P	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	SHOULDER			Tread Width	WRENCH FLAT		Lube Size
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.					Dia.	Width	Len. + Roller Width		Size	Flat Len.	
UTR-1.50-HT-R	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.41	-	1/2	1.250	0.5	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTR-1.75-HT-R	1.75	0.75	0.437	1.00	7/16 - 20	0.50	0.41	-	1/2	1.500	0.5	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTR-2.00-HT-R	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.44	-	5/8	1.750	0.6	0.03	0.84	0.50	0.375	0.250	1/8 Drive
UTR-2.50-HT-R	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	-	3/4	2.000	0.9	0.06	1.31	0.71	0.625	0.375	1/8-27 NPT
UTR-3.50-HT-R	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	-	1	3.000	1.0	0.06	1.69	0.87	0.625	0.375	1/8-27 NPT
UTR-4.50A-HT-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	1	4.000	1.5	0.06	2.00	0.87	-	-	1/4-28 UNF



THROUGH 3.50-R



4.50 ROLLER DIA.

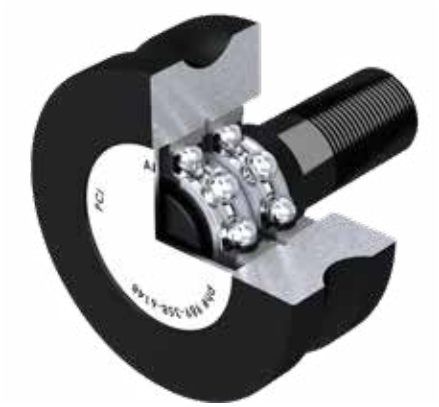


UTR-HT-R – HIGH TEMP. +350°F

U-Groove – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTR-1.50-HT-R	560	270	140	70	24,000	500	390	180	350°F	PFC Lip	DGBB-SS	0.33
UTR-1.75-HT-R	560	270	140	70	24,000	500	390	180	350°F	PFC Lip	DGBB-SS	0.46
UTR-2.00-HT-R	740	370	190	100	19,000	900	470	180	350°F	PFC Lip	DGBB-SS	0.64
UTR-2.50-HT-R	2,090	1,350	530	340	15,000	1,390	550	650	350°F	PFC Lip	DGBB-SS	1.54
UTR-3.50-HT-R	3,940	2,950	990	740	10,000	5,370	900	650	350°F	PFC Lip	DGBB-SS	4.05
UTR-4.50A-HT-R	6,010	5,040	1,510	1,260	8,000	22,200	1,950	1,500	350°F	PFC Lip	DGBB-SS	8.31



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

UTRE-HT – HIGH TEMP. +350°F

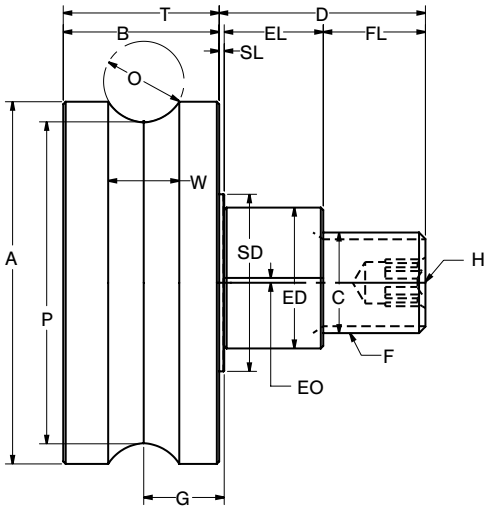
U-Groove – Stud Eccentric

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	O	M	SD	SL	T	W
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	SHOULDER			Tread Width
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.					Dia.	Len.	Len. + Roller Width	
UTRE-1.50-HT	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	3/16	1/2	1.250	0.7	0.03	0.78	0.43
UTRE-1.75-HT	1.75	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	3/16	1/2	1.500	0.7	0.03	0.78	0.43
UTRE-2.00-HT	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.44	3/16	5/8	1.750	0.8	0.03	0.84	0.50
UTRE-2.50-HT	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	5/16	3/4	2.000	1.3	0.06	1.31	0.71
UTRE-3.50-HT	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	5/16	1	3.000	1.5	0.06	1.69	0.87
UTRE-4.50A-HT	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	1	4.000	2.2	0.06	2.00	0.87





Solutions Through Innovation

UTRE-HT – HIGH TEMP. +350°F

U-Groove – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRE-1.50-HT	560	270	140	70	24,000	500	390	250	350°F	PFC Lip	DGBB-SS	0.33
UTRE-1.75-HT	560	270	140	70	24,000	500	390	250	350°F	PFC Lip	DGBB-SS	0.46
UTRE-2.00-HT	740	370	190	100	19,000	900	470	250	350°F	PFC Lip	DGBB-SS	0.64
UTRE-2.50-HT	2,090	1,350	530	340	15,000	1,390	550	650	350°F	PFC Lip	DGBB-SS	1.54
UTRE-3.50-HT	3,940	2,950	990	740	10,000	5,370	900	650	350°F	PFC Lip	DGBB-SS	4.05
UTRE-4.50A-HT	6,010	5,040	1,510	1,260	8,000	22,200	1,950	1,500	350°F	PFC Lip	DGBB-SS	8.31



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

UTRE-HT-R – HIGH TEMP. +350°F

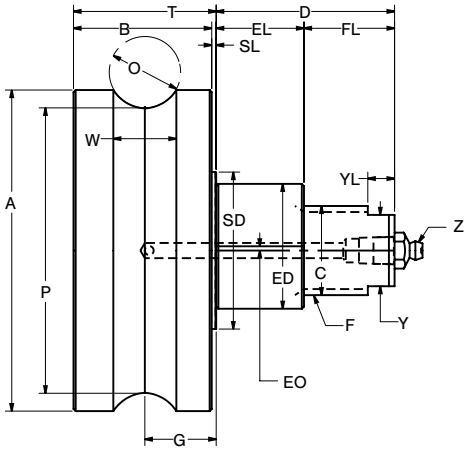
U-Groove – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

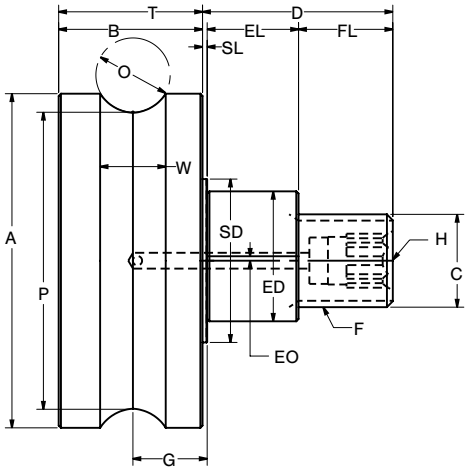
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	O	P	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	SHOULDER			Tread Width	WRENCH FLAT		Lube Size
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.					Dia.	Len.	Len. + Roller Width		Size	Flat Len.	
UTRE-1.50-HT-R	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	-	1/2	1.250	0.7	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTRE-1.75-HT-R	1.75	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	-	1/2	1.500	0.7	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTRE-2.00-HT-R	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.44	-	5/8	1.750	0.8	0.03	0.84	0.50	0.375	0.250	1/8 Drive
UTRE-2.50-HT-R	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	-	3/4	2.000	1.3	0.06	1.31	0.71	0.625	0.375	1/8-27 NPT
UTRE-3.50-HT-R	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	-	1	3.000	1.5	0.06	1.69	0.87	0.625	0.375	1/8-27 NPT
UTRE-4.50A-HT-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	5/8	1	4.000	2.2	0.06	2.00	0.87	-	-	1/4-28 UNF



THROUGH 3.50-R



4.50 ROLLER DIA.



Solutions Through Innovation

UTRE-HT-R – HIGH TEMP. +350°F

U-Groove – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRE-1.50-HT-R	560	270	140	70	24,000	500	390	250	350°F	PFC Lip	DGBB-SS	0.33
UTRE-1.75-HT-R	560	270	140	70	24,000	500	390	250	350°F	PFC Lip	DGBB-SS	0.46
UTRE-2.00-HT-R	740	370	190	100	19,000	900	470	250	350°F	PFC Lip	DGBB-SS	0.64
UTRE-2.50-HT-R	2,090	1,350	530	340	15,000	1,390	550	650	350°F	PFC Lip	DGBB-SS	1.54
UTRE-3.50-HT-R	3,940	2,950	990	740	10,000	5,370	900	650	350°F	PFC Lip	DGBB-SS	4.05
UTRE-4.50A-HT-R	6,010	5,040	1,510	1,260	8,000	22,200	1,950	1,500	350°F	PFC Lip	DGBB-SS	8.31



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

UTRY-HT – HIGH TEMP. +350°F

U-Groove – Yoke

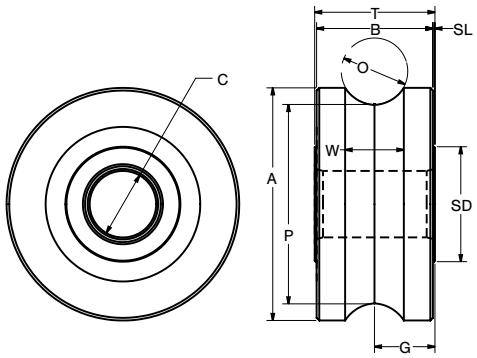
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	O	P	SD	SL	T	W
	ROLLER						SHOULDER			
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Rail Size	Point Dia. +.000 -.001	Dia.	Len.	Inner Race Width +.005 -.010	Tread Width
UTRY-1.75-HT	1.75	0.88	0.4380	0.47	1/2	1.500	0.9	0.03	0.937	0.44
UTRY-2.00-HT	2.00	1.00	0.5005	0.53	5/8	1.750	0.9	0.03	1.063	0.50
UTRY-2.50-HT	2.50	1.25	0.6255	0.66	3/4	2.000	1.1	0.03	1.313	0.71
UTRY-3.50A-HT	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87
UTRY-4.50A-HT	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.437	YSHE-.437
YSH-.500	YSHE-.500
YSH-.625	YSHE-.625
YSH-1.000	YSHE-1.000
YSH-1.250	YSHE-1.250





Solutions Through Innovation

UTRY-HT – HIGH TEMP. +350°F

U-Groove – Yoke

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRY-1.75-HT	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.42
UTRY-2.00-HT	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.65
UTRY-2.50-HT	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.19
UTRY-3.50A-HT	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	3.30
UTRY-4.50A-HT	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	7.93



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

UTRY-HT-R – HIGH TEMP. +350°F

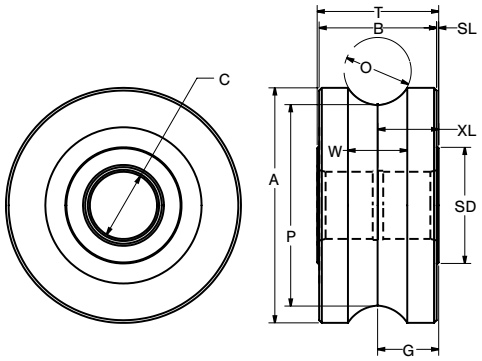
U-Groove – Yoke

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	O	P	SD	SL	T	W	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER						SHOULDER						
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Rail Size	Point Dia. +.000- .001	Dia.	Len.	Inner Race Width +.005 -.010	Tread Width	Grease Groove Location	Concentric Shaft	Eccentric Shaft
UTRY-1.75-HT-R	1.75	0.88	0.4380	0.47	1/2	1.500	0.9	0.03	0.937	0.44	0.47	YSH-.437-R	YSHE-.437-R
UTRY-2.00-HT-R	2.00	1.00	0.5005	0.53	5/8	1.750	0.9	0.03	1.063	0.50	0.53	YSH-.500-R	YSHE-.500-R
UTRY-2.50-HT-R	2.50	1.25	0.6255	0.66	3/4	2.000	1.1	0.03	1.313	0.71	0.66	YSH-.625-R	YSHE-.625-R
UTRY-3.50A-HT-R	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87	0.91	YSH-1.000-R	YSHE-1.000-R
UTRY-4.50A-HT-R	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87	1.16	YSH-1.250-R	YSHE-1.250-R





UTRY-HT-R – HIGH TEMP. +350°F

U-Groove – Yoke

440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRY-1.75-HT-R	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.42
UTRY-2.00-HT-R	1,450	1,150	370	290	14,000	350°F	PFC Lip	DGBB-SS	0.65
UTRY-2.50-HT-R	2,940	2,250	740	570	11,000	350°F	PFC Lip	DGBB-SS	1.19
UTRY-3.50A-HT-R	5,030	4,590	1,260	1,150	7,000	350°F	PFC Lip	DGBB-SS	3.30
UTRY-4.50A-HT-R	5,320	5,130	1,330	1,290	6,300	350°F	PFC Lip	DGBB-SS	7.93



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

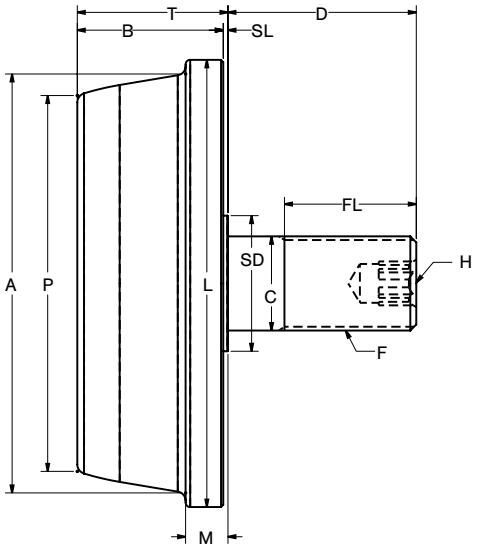
CIR-HT – HIGH TEMP. +350°F

Channel & I-Beam – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	P	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width		Dia.	Len.	Len. + Roller Width
CIR-3.00-HT	2.56	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.94	0.31	2.23	0.8	0.06	1.19
CIR-3.00E-HT	2.56	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.62	2.17	1.0	0.06	1.69
CIR-3.00-1-HT	2.50	1.63	1.000	2.25	1 - 14	1.50	3/8	2.94	0.50	2.06	1.2	0.06	1.69
CIR-4.00-HT	3.56	1.63	0.875	2.00	7/8 - 14	1.13	5/16	3.94	0.53	3.14	1.0	0.06	1.69
CIR-4.00E-HT	3.56	1.63	1.000	2.25	1 - 14	1.50	3/8	3.94	0.53	3.14	1.2	0.06	1.69
CIR-5.00-HT	4.56	1.63	1.000	2.25	1 - 14	1.50	3/8	4.94	0.50	4.13	1.2	0.06	1.69





PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

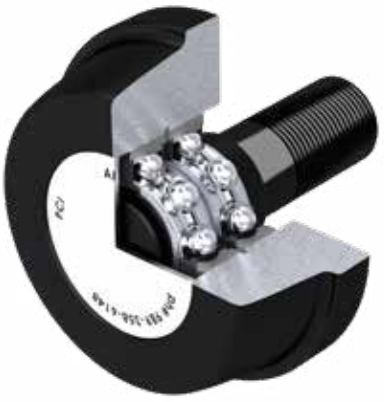
PCI Assembly Part Number	C-Channel & I-Beam Size
CIR-3.00-HT	3" & UP
CIR-3.00E-HT	3" & UP
CIR-3.00-1-HT	3" & UP
CIR-4.00-HT	4" & UP
CIR-4.00E-HT	4" & UP
CIR-5.00-HT	5" & UP

CIR-HT – HIGH TEMP. +350°F

Channel & I-Beam – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIR-3.00-HT	2,090	1,350	530	340	15,000	1,240	550	350	350°F	PFC Lip	DGBB-SS	1.64
CIR-3.00E-HT	2,940	2,140	740	540	12,000	2,780	900	650	350°F	PFC Lip	DGBB-SS	2.40
CIR-3.00-1-HT	2,940	2,250	740	570	11,000	4,760	1,340	650	350°F	PFC Lip	DGBB-SS	2.37
CIR-4.00-HT	2,940	2,140	740	540	12,000	2,950	900	650	350°F	PFC Lip	DGBB-SS	4.64
CIR-4.00E-HT	4,270	3,440	1,070	860	8,500	6,450	1,340	650	350°F	PFC Lip	DGBB-SS	4.65
CIR-5.00-HT	4,270	3,440	1,070	860	8,500	6,280	1,340	650	350°F	PFC Lip	DGBB-SS	7.58



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

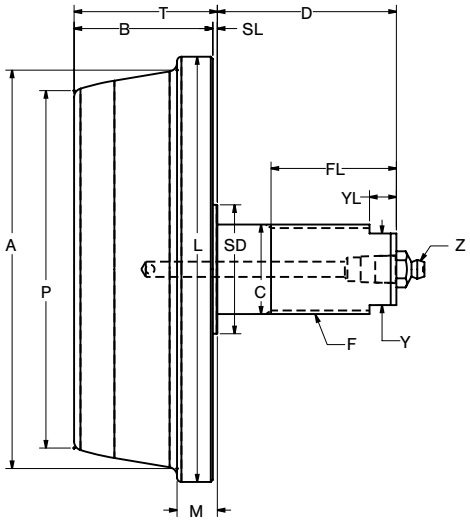
CIR-HT-R – HIGH TEMP. +350°F

Channel & I-Beam – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	L	M	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		FLANGE		Point Dia.	SHOULDER			WRENCH FLAT		Lube Size
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.	Dia.	Width		Dia.	Width	Len. + Roller Width	Size	Flat Len.	
CIR-3.00-HT-R	2.56	1.13	0.625	1.50	5/8 - 18	0.75	2.94	0.31	2.23	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
CIR-3.00E-HT-R	2.56	1.63	0.875	2.00	7/8 - 14	1.13	2.94	0.62	2.17	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CIR-3.00-1-HT-R	2.50	1.63	1.000	2.25	1 - 14	1.50	2.94	0.50	2.06	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CIR-4.00-HT-R	3.56	1.63	0.875	2.00	7/8 - 14	1.13	3.94	0.53	3.14	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CIR-4.00E-HT-R	3.56	1.63	1.000	2.25	1 - 14	1.50	3.94	0.53	3.14	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CIR-5.00-HT-R	4.56	1.63	1.000	2.25	1 - 14	1.50	4.94	0.50	4.13	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT





PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

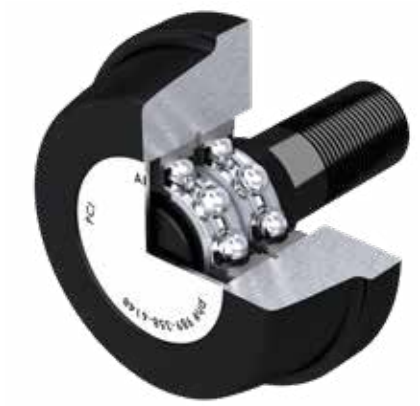
PCI Assembly Part Number	C-Channel & I-Beam Size
CIR-3.00-HT-R	3" & UP
CIR-3.00E-HT-R	3" & UP
CIR-3.00-1-HT-R	3" & UP
CIR-4.00-HT-R	4" & UP
CIR-4.00E-HT-R	4" & UP
CIR-5.00-HT-R	5" & UP

CIR-HT-R – HIGH TEMP. +350°F

Channel & I-Beam – Stud Concentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIR-3.00-HT-R	2,090	1,350	530	340	15,000	1,240	550	350	350°F	PFC Lip	DGBB-SS	1.64
CIR-3.00E-HT-R	2,940	2,140	740	540	12,000	2,780	900	650	350°F	PFC Lip	DGBB-SS	2.40
CIR-3.00-1-HT-R	2,940	2,250	740	570	11,000	4,760	1,340	650	350°F	PFC Lip	DGBB-SS	2.37
CIR-4.00-HT-R	2,940	2,140	740	540	12,000	2,950	900	650	350°F	PFC Lip	DGBB-SS	4.64
CIR-4.00E-HT-R	4,270	3,440	1,070	860	8,500	6,450	1,340	650	350°F	PFC Lip	DGBB-SS	4.65
CIR-5.00-HT-R	4,270	3,440	1,070	860	8,500	6,280	1,340	650	350°F	PFC Lip	DGBB-SS	7.58



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

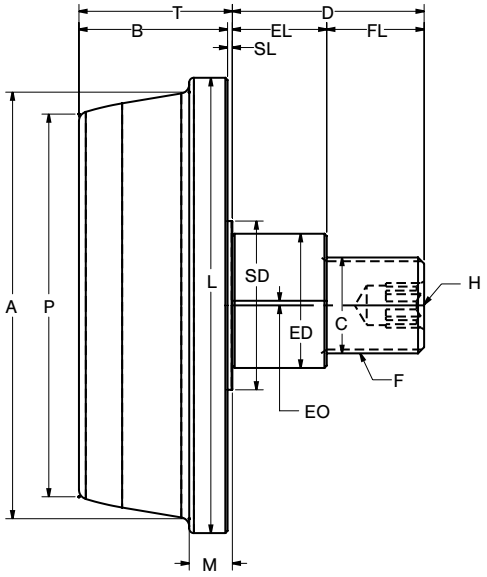
CIRE-HT – HIGH TEMP. +350°F

Channel & I-Beam – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width		Dia.	Len.	Len. + Roller Width
CIRE-3.00-HT	2.56	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.94	0.31	2.23	1.1	0.06	1.19
CIRE-3.00E-HT	2.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.62	2.17	1.5	0.06	1.69
CIRE-3.00-1-HT	2.50	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	2.94	0.50	2.06	1.7	0.06	1.69
CIRE-4.00-HT	3.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	3.94	0.53	3.14	1.5	0.06	1.69
CIRE-4.00E-HT	3.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.94	0.53	3.14	1.7	0.06	1.69
CIRE-5.00-HT	4.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	4.94	0.50	4.13	1.7	0.06	1.69





PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIR-3.00-HT	3" & UP
CIR-3.00E-HT	3" & UP
CIR-3.00-1-HT	3" & UP
CIR-4.00-HT	4" & UP
CIR-4.00E-HT	4" & UP
CIR-5.00-HT	5" & UP

Solutions Through Innovation

CIRE-HT – HIGH TEMP. +350°F

Channel & I-Beam – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIRE-3.00-HT	2,090	1,350	530	340	15,000	1,240	550	650	350°F	PFC Lip	DGBB-SS	1.66
CIRE-3.00E-HT	2,940	2,170	740	540	12,000	2,780	900	900	350°F	PFC Lip	DGBB-SS	2.59
CIRE-3.00-1-HT	2,940	2,250	740	570	11,000	4,760	1,340	900	350°F	PFC Lip	DGBB-SS	2.59
CIRE-4.00-HT	2,940	2,140	740	540	12,000	2,950	900	900	350°F	PFC Lip	DGBB-SS	4.86
CIRE-4.00E-HT	4,270	3,440	1,070	860	8,500	7,240	1,340	900	350°F	PFC Lip	DGBB-SS	4.93
CIRE-5.00-HT	4,270	3,440	1,070	860	8,500	7,360	1,340	900	350°F	PFC Lip	DGBB-SS	7.85



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

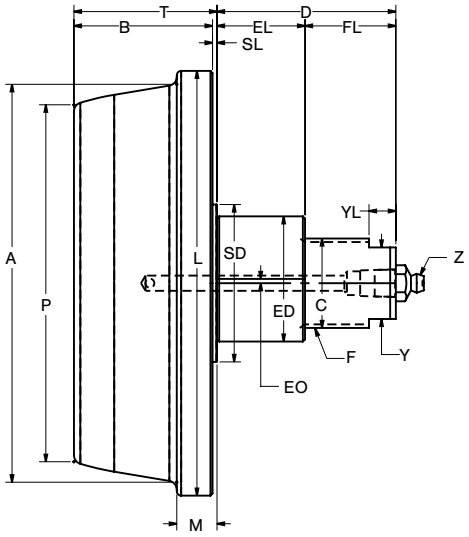
CIRE-HT-R – HIGH TEMP. +350°F

Channel & I-Beam – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	L	M	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		FLANGE		Point Dia.	SHOULDER			WRENCH FLAT		Lube Size
	Dia.	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.	Dia.	Width		Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
CIRE-3.00-HT-R	2.56	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	2.94	0.31	2.23	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF
CIRE-3.00E-HT-R	2.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	2.94	0.62	2.17	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CIRE-3.00-1-HT-R	2.50	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	2.94	0.50	2.06	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CIRE-4.00-HT-R	3.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	3.94	0.53	3.14	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CIRE-4.00E-HT-R	3.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3.94	0.53	3.14	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CIRE-5.00-HT-R	4.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	4.94	0.50	4.13	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT





PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIR-3.00-HT-R	3" & UP
CIR-3.00E-HT-R	3" & UP
CIR-3.00-1-HT-R	3" & UP
CIR-4.00-HT-R	4" & UP
CIR-4.00E-HT-R	4" & UP
CIR-5.00-HT-R	5" & UP

Solutions Through Innovation

CIRE-HT-R – HIGH TEMP. +350°F

Channel & I-Beam – Stud Eccentric
440 Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIRE-3.00-HT-R	2,090	1,350	530	340	15,000	1,240	550	650	350°F	PFC Lip	DGBB-SS	1.66
CIRE-3.00E-HT-R	2,940	2,170	740	540	12,000	2,780	900	900	350°F	PFC Lip	DGBB-SS	2.59
CIRE-3.00-1-HT-R	2,940	2,250	740	570	11,000	4,760	1,340	900	350°F	PFC Lip	DGBB-SS	2.59
CIRE-4.00-HT-R	2,940	2,140	740	540	12,000	2,950	900	900	350°F	PFC Lip	DGBB-SS	4.86
CIRE-4.00E-HT-R	4,270	3,440	1,070	860	8,500	7,240	1,340	900	350°F	PFC Lip	DGBB-SS	4.93
CIRE-5.00-HT-R	4,270	3,440	1,070	860	8,500	7,360	1,340	900	350°F	PFC Lip	DGBB-SS	7.85



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +350°F
High and Low temperature options are available.

Specifications subject to change without notice.

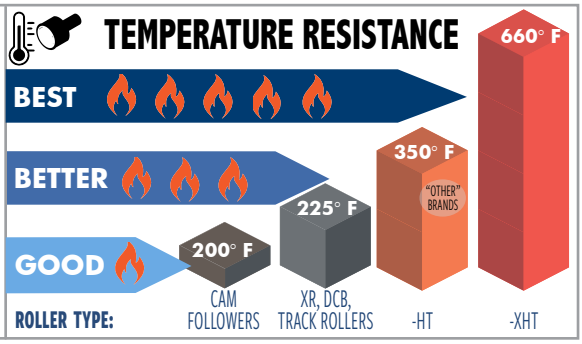
EXTREME DUTY SOLUTIONS

XR Rollers and Track Rollers Options
High Temperature - XHT +660°F

∞ | *Infinity Roller™ Technology*

NO REBLUBRICATION WITH COBRA SOLID LUBE™ (CSL)
PCI incorporates (CSL) between the bearing races, rolling elements and cage spaces. CSL restricts contaminants while providing a low coefficient of friction. Unlike petroleum-based lubricants, CSL cannot be washed out by steam, common solvents, acids, or alkalis except under direct high-pressure. CSL will not drip or fling, is environmentally clean and increases bearing life to eliminate relubrication maintenance – even at high temperatures!

Cobra Solid Lubricant™ (CSL) is a trademark of Unique Technologies Associates







SKF CARBON STEEL PRECISION DEEP GROOVE BALL BEARINGS perform under high speeds and light to moderate combination loads.

TIMKEN MATCHED SET OF TAPERED ROLLER BEARINGS ensure maximum thrust load paired with significant radial load capacity in a precision bearing package.

BLACK OXIDE FINISHED CASE HARDENED PRECISION ROLLER BODY
maintains the integrity of the assembly by preventing premature fracture under shock loads.

TIGHT FIT STAINLESS STEEL DUST COVER*
adds protection against direct spray and contamination.

**Features dependent on size and Type of unit. See specifications for details.*

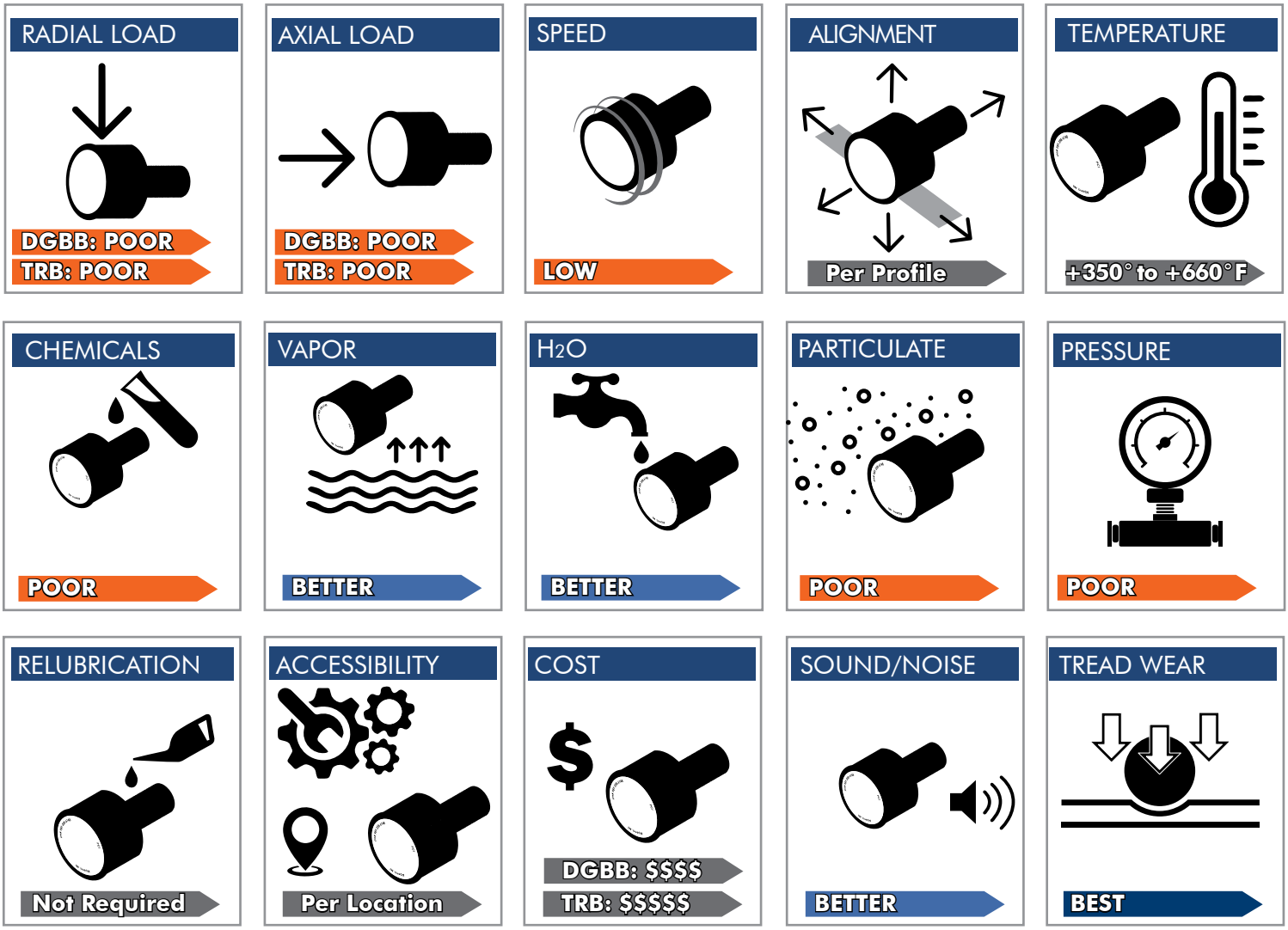
MULTI FUNCTION SHIELDING
is provided by solid lubricant which thoroughly fills open internal space to restrict contaminant entry while steel shields also protect the bearings in extreme temperatures.

HIGH TEMP COBRA SOLID LUBRICANT ™ (CSL)
is a low coefficient of friction graphite mixture that fills between races, rolling elements and cage spaces - preventing metal to metal contact for maximum protection of the bearing elements from external contamination.

STRESSPROOF® STUD OR EASY INSTALLATION
SLIP FIT BORE is high strength material providing dependable performance under load.

TECHNICAL ASSISTANCE AND PRODUCT SELECTION

Application factors greatly impact proper selection and functionality of your load bearing roller assembly. If selection is conducted in haste, a load bearing roller assembly may be inadequately selected, leading to premature failure and costly downtime. This dashboard indicator will help you determine which PCI Load Bearing Roller Assembly is right for your unique application.



Dashboard Indicating Color Scale

= informational only

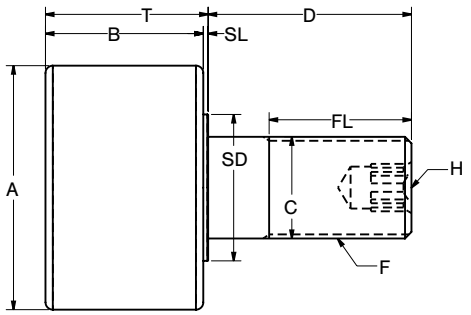
PTR-XHT – HIGH TEMP. +660°F

Plain/Cylindrical – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
PTR-1.00-XHT	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
PTR-1.125-XHT	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
PTR-1.25-XHT	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
PTR-1.375-XHT	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
PTR-1.50-XHT	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	0.8	0.06	1.19
PTR-1.75-XHT	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.06	1.19
PTR-2.00-XHT	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
PTR-2.25-XHT	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
PTR-2.50-XHT	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
PTR-2.75-XHT	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
PTR-3.00A-XHT	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-3.00-XHT	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-3.25A-XHT	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-3.25-XHT	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-3.50A-XHT	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-3.50-XHT	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-4.00A-XHT	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-4.00-XHT	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-4.50A-XHT	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-4.50-XHT	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00





PTR-XHT – HIGH TEMP. +660°F

Plain/Cylindrical – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTR-1.00-XHT	40	200	10	30	1,050	500	470	180	660°F	Steel Shield	DGBB-CSL	0.17
PTR-1.125-XHT	40	200	10	30	1,050	500	470	180	660°F	Steel Shield	DGBB-CSL	0.22
PTR-1.25-XHT	50	340	10	60	910	900	470	180	660°F	Steel Shield	DGBB-CSL	0.30
PTR-1.375-XHT	50	340	10	60	910	900	470	180	660°F	Steel Shield	DGBB-CSL	0.36
PTR-1.50-XHT	100	630	20	100	680	1,570	550	350	660°F	Steel Shield	DGBB-CSL	0.56
PTR-1.75-XHT	100	630	20	100	680	1,570	550	650	660°F	Steel Shield	DGBB-CSL	0.86
PTR-2.00-XHT	140	970	20	150	530	4,360	900	650	660°F	Steel Shield	DGBB-CSL	1.39
PTR-2.25-XHT	140	970	20	150	530	4,360	900	650	660°F	Steel Shield	DGBB-CSL	1.86
PTR-2.50-XHT	210	1,580	30	240	390	8,180	1,340	650	660°F	Steel Shield	DGBB-CSL	2.34
PTR-2.75-XHT	210	1,580	30	240	390	8,180	1,340	650	660°F	Steel Shield	DGBB-CSL	2.82
PTR-3.00A-XHT	280	2,270	50	340	330	13,580	1,950	1,500	660°F	Steel Shield	DGBB-CSL	3.99
PTR-3.00-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	4.15
PTR-3.25A-XHT	280	2,270	50	340	330	13,580	1,950	1,500	660°F	Steel Shield	DGBB-CSL	4.65
PTR-3.25-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	4.84
PTR-3.50A-XHT	280	2,270	50	340	330	13,580	1,950	1,500	660°F	Steel Shield	DGBB-CSL	5.48
PTR-3.50-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	5.67
PTR-4.00A-XHT	280	2,270	50	340	330	13,580	1,950	1,500	660°F	Steel Shield	DGBB-CSL	7.13
PTR-4.00-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	7.33
PTR-4.50A-XHT	280	2,270	50	340	330	13,580	1,950	1,500	660°F	Steel Shield	DGBB-CSL	9.00
PTR-4.50-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	9.20



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

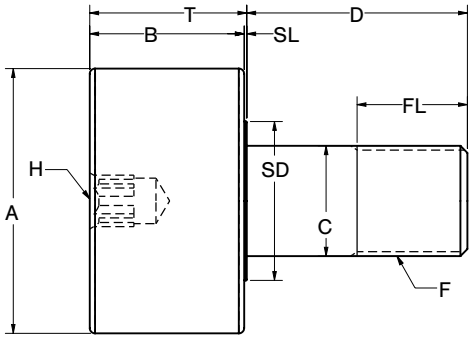
PXR-XHT – HIGH TEMP. +660°F

Plain/Cylindrical – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
PXR-1.00-XHT	1.000	0.63	0.438	1.00	7/16 - 20	0.50	5/16	0.6	0.03	0.66
PXR-1.125-XHT	1.125	0.63	0.438	1.00	7/16 - 20	0.50	5/16	0.6	0.03	0.66
PXR-1.25-XHT	1.250	0.75	0.500	1.25	1/2 - 20	0.63	5/16	0.6	0.03	0.78
PXR-1.375-XHT	1.375	0.75	0.500	1.25	1/2 - 20	0.63	5/16	0.6	0.03	0.78
PXR-1.50-XHT	1.500	0.88	0.625	1.50	5/8 - 18	0.75	5/16	0.8	0.03	0.91
PXR-1.75-XHT	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.03	1.03
PXR-2.00-XHT	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28
PXR-2.25-XHT	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28
PXR-2.50-XHT	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-2.75-XHT	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-3.00A-XHT	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78
PXR-3.00-XHT	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.8	0.03	1.78
PXR-3.25A-XHT	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78
PXR-3.25-XHT	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.8	0.03	1.78
PXR-3.50A-XHT	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	1.8	0.03	2.03
PXR-3.50-XHT	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	2.0	0.03	2.03
PXR-4.00A-XHT	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	1.8	0.03	2.28
PXR-4.00-XHT	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	2.0	0.03	2.28





PXR-XHT – HIGH TEMP. +660°F

Plain/Cylindrical – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXR-1.00-XHT	30	190	10	30	840	1,740	470	180	660°F	Steel Shield	DGBB-CSL	0.17
PXR-1.125-XHT	30	190	10	30	840	1,740	470	180	660°F	Steel Shield	DGBB-CSL	0.22
PXR-1.25-XHT	40	300	10	50	820	2,210	470	180	660°F	Steel Shield	DGBB-CSL	0.30
PXR-1.375-XHT	40	300	10	50	820	2,210	470	180	660°F	Steel Shield	DGBB-CSL	0.35
PXR-1.50-XHT	70	520	10	80	320	3,720	910	350	660°F	Steel Shield	DGBB-CSL	0.45
PXR-1.75-XHT	70	520	10	80	320	5,570	910	650	660°F	Steel Shield	DGBB-CSL	0.75
PXR-2.00-XHT	140	1,020	20	160	480	6,850	1,340	650	660°F	Steel Shield	DGBB-CSL	1.22
PXR-2.25-XHT	140	1,020	20	160	480	6,850	1,340	650	660°F	Steel Shield	DGBB-CSL	1.50
PXR-2.50-XHT	210	1,580	30	240	390	9,180	1,340	650	660°F	Steel Shield	DGBB-CSL	2.17
PXR-2.75-XHT	210	1,580	30	240	390	9,180	1,340	650	660°F	Steel Shield	DGBB-CSL	2.60
PXR-3.00A-XHT	230	2,070	40	310	310	15,450	1,950	1,500	660°F	Steel Shield	DGBB-CSL	3.56
PXR-3.00-XHT	680	9,000	480	6,360	160	15,450	-	1,500	660°F	Steel Shield	TRB-CSL	3.81
PXR-3.25A-XHT	230	2,070	40	310	310	15,450	1,950	1,500	660°F	Steel Shield	DGBB-CSL	4.31
PXR-3.25-XHT	680	9,000	480	6,360	160	15,450	-	1,500	660°F	Steel Shield	TRB-CSL	4.41
PXR-3.50A-XHT	250	2,230	40	340	280	18,070	3,000	1,500	660°F	Steel Shield	DGBB-CSL	5.47
PXR-3.50-XHT	700	12,240	400	6,970	140	18,070	-	1,500	660°F	Steel Shield	TRB-CSL	5.93
PXR-4.00A-XHT	250	2,230	40	340	280	20,920	3,000	1,500	660°F	Steel Shield	DGBB-CSL	8.25
PXR-4.00-XHT	700	12,240	400	6,970	140	20,920	-	1,500	660°F	Steel Shield	TRB-CSL	8.90





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

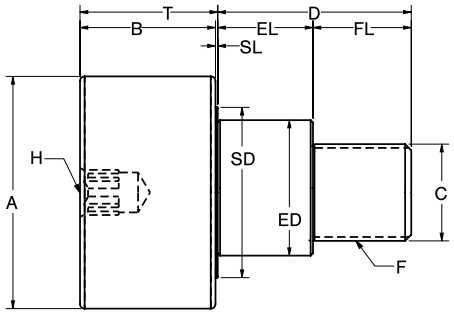
PTRE-XHT – HIGH TEMP. +660°F

Plain/Cylindrical – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
PTRE-1.00-XHT	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
PTRE-1.125-XHT	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
PTRE-1.25-XHT	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
PTRE-1.375-XHT	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
PTRE-1.50-XHT	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	1.1	0.06	1.19
PTRE-1.75-XHT	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	1.3	0.06	1.19
PTRE-2.00-XHT	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
PTRE-2.25-XHT	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
PTRE-2.50-XHT	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
PTRE-2.75-XHT	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
PTRE-3.00A-XHT	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.00-XHT	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.25A-XHT	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.25-XHT	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.50A-XHT	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-3.50-XHT	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-4.00A-XHT	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-4.00-XHT	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-4.50A-XHT	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-4.50-XHT	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00





PTRE-XHT – HIGH TEMP. +660°F

Plain/Cylindrical – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRE-1.00-XHT	40	200	10	30	1,050	500	470	250	660°F	Steel Shield	DGBB-CSL	0.17
PTRE-1.125-XHT	40	200	10	30	1,050	500	470	250	660°F	Steel Shield	DGBB-CSL	0.22
PTRE-1.25-XHT	50	340	10	60	910	930	470	250	660°F	Steel Shield	DGBB-CSL	0.30
PTRE-1.375-XHT	50	340	10	60	910	930	470	250	660°F	Steel Shield	DGBB-CSL	0.36
PTRE-1.50-XHT	100	630	20	100	680	1,570	550	650	660°F	Steel Shield	DGBB-CSL	0.56
PTRE-1.75-XHT	100	630	20	100	680	1,570	550	650	660°F	Steel Shield	DGBB-CSL	0.86
PTRE-2.00-XHT	140	970	20	150	530	4,360	900	650	660°F	Steel Shield	DGBB-CSL	1.39
PTRE-2.25-XHT	140	970	20	150	530	4,360	900	650	660°F	Steel Shield	DGBB-CSL	1.86
PTRE-2.50-XHT	210	1,580	30	240	390	9,660	1,340	650	660°F	Steel Shield	DGBB-CSL	2.34
PTRE-2.75-XHT	210	1,580	30	240	390	9,660	1,340	650	660°F	Steel Shield	DGBB-CSL	2.82
PTRE-3.00A-XHT	280	2,270	50	340	330	17,870	1,950	1,500	660°F	Steel Shield	DGBB-CSL	3.99
PTRE-3.00-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	4.62
PTRE-3.25A-XHT	280	2,270	50	340	330	17,870	1,950	1,500	660°F	Steel Shield	DGBB-CSL	4.65
PTRE-3.25-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	5.31
PTRE-3.50A-XHT	280	2,270	50	340	330	17,870	1,950	1,500	660°F	Steel Shield	DGBB-CSL	5.48
PTRE-3.50-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	6.27
PTRE-4.00A-XHT	280	2,270	50	340	330	17,870	1,950	1,500	660°F	Steel Shield	DGBB-CSL	7.13
PTRE-4.00-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	7.93
PTRE-4.50A-XHT	280	2,270	50	340	330	17,870	1,950	1,500	660°F	Steel Shield	DGBB-CSL	8.62
PTRE-4.50-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	9.42



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

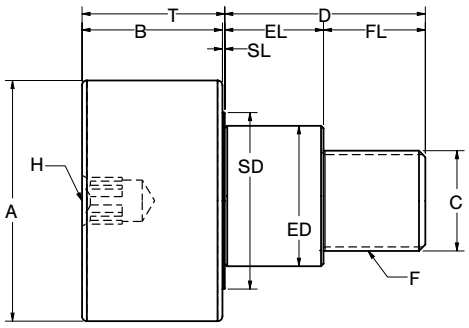
PXRE-XHT – HIGH TEMP. +660°F

Plain/Cylindrical – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
PXRE-1.00-XHT	1.000	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	0.8	0.03	0.66
PXRE-1.125-XHT	1.125	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	0.8	0.03	0.66
PXRE-1.25-XHT	1.250	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	0.9	0.03	0.78
PXRE-1.375-XHT	1.375	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	0.9	0.03	0.78
PXRE-1.50-XHT	1.500	0.88	0.625	1.50	0.875	0.75	0.03	5/8 - 18	0.75	5/16	1.0	0.03	0.91
PXRE-1.75-XHT	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	1.2	0.03	1.03
PXRE-2.00-XHT	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28
PXRE-2.25-XHT	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28
PXRE-2.50-XHT	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-2.75-XHT	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-3.00A-XHT	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.00-XHT	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.25A-XHT	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.25-XHT	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.50A-XHT	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03
PXRE-3.50-XHT	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03
PXRE-4.00A-XHT	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28
PXRE-4.00-XHT	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28





PXRE-XHT – HIGH TEMP. +660°F

Plain/Cylindrical – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXRE-1.00-XHT	30	190	10	30	840	3,450	470	250	660°F	Steel Shield	DGBB-CSL	0.17
PXRE-1.125-XHT	30	190	10	30	840	3,450	470	250	660°F	Steel Shield	DGBB-CSL	0.22
PXRE-1.25-XHT	40	300	10	50	820	2,920	470	250	660°F	Steel Shield	DGBB-CSL	0.30
PXRE-1.375-XHT	40	300	10	50	820	2,920	470	250	660°F	Steel Shield	DGBB-CSL	0.35
PXRE-1.50-XHT	70	520	10	80	320	7,050	910	650	660°F	Steel Shield	DGBB-CSL	0.53
PXRE-1.75-XHT	70	520	10	80	320	5,570	910	650	660°F	Steel Shield	DGBB-CSL	0.84
PXRE-2.00-XHT	140	1,020	20	160	480	6,850	1,340	650	660°F	Steel Shield	DGBB-CSL	1.46
PXRE-2.25-XHT	140	1,020	20	160	480	6,850	1,340	650	660°F	Steel Shield	DGBB-CSL	1.78
PXRE-2.50-XHT	210	1,580	30	240	390	11,110	1,340	650	660°F	Steel Shield	DGBB-CSL	2.43
PXRE-2.75-XHT	210	1,580	30	240	390	11,110	1,340	650	660°F	Steel Shield	DGBB-CSL	2.89
PXRE-3.00A-XHT	230	2,070	40	310	310	24,920	1,950	1,500	660°F	Steel Shield	DGBB-CSL	4.00
PXRE-3.00-XHT	680	9,000	480	6,360	160	15,450	-	1,500	660°F	Steel Shield	TRB-CSL	4.28
PXRE-3.25A-XHT	230	2,070	40	310	310	24,920	1,950	1,500	660°F	Steel Shield	DGBB-CSL	4.36
PXRE-3.25-XHT	680	9,000	480	6,360	160	15,450	-	1,500	660°F	Steel Shield	TRB-CSL	4.47
PXRE-3.50A-XHT	250	2,230	40	340	280	33,660	3,000	1,500	660°F	Steel Shield	DGBB-CSL	6.00
PXRE-3.50-XHT	700	12,240	400	6,970	140	18,070	-	1,500	660°F	Steel Shield	TRB-CSL	6.44
PXRE-4.00A-XHT	250	2,230	40	340	280	33,830	3,000	1,500	660°F	Steel Shield	DGBB-CSL	9.11
PXRE-4.00-XHT	700	12,240	400	6,970	140	20,920	-	1,500	660°F	Steel Shield	TRB-CSL	9.64



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

PTRY-XHT – HIGH TEMP. +660°F

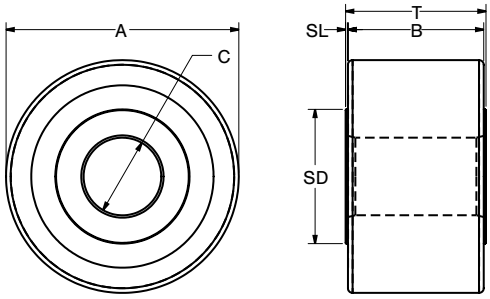
Plain/Cylindrical – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	SD	SL	T	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	SHOULDER		Inner Race Width +.005 -.010	Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width		Dia.	Len.			
PTRY-1.00-XHT	1.000	0.63	0.3130	0.6	0.03	0.690	YSH-.312	YSHE-.312
PTRY-1.125-XHT	1.125	0.63	0.3130	0.6	0.03	0.690	YSH-.312	YSHE-.312
PTRY-1.25-XHT	1.250	0.75	0.3755	0.6	0.03	0.813	YSH-.375	YSHE-.375
PTRY-1.375-XHT	1.375	0.75	0.3755	0.6	0.03	0.813	YSH-.375	YSHE-.375
PTRY-1.50-XHT	1.500	0.88	0.4380	0.9	0.03	0.937	YSH-.437	YSHE-.437
PTRY-1.75-XHT	1.750	1.00	0.5005	0.9	0.03	1.063	YSH-.500	YSHE-.500
PTRY-2.00-XHT	2.000	1.25	0.6255	1.1	0.03	1.313	YSH-.625	YSHE-.625
PTRY-2.25-XHT	2.250	1.25	0.6255	1.1	0.03	1.313	YSH-.625	YSHE-.625
PTRY-2.50-XHT	2.500	1.50	0.7505	1.2	0.03	1.563	YSH-.750	YSHE-.750
PTRY-2.75-XHT	2.750	1.50	0.7505	1.2	0.03	1.563	YSH-.750	YSHE-.750
PTRY-3.00A-XHT	3.000	1.75	1.0005	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
PTRY-3.00-XHT	3.000	1.75	1.0005	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
PTRY-3.25A-XHT	3.250	1.75	1.0005	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
PTRY-3.25-XHT	3.250	1.75	1.0005	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
PTRY-3.50A-XHT	3.500	2.00	1.1255	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
PTRY-3.50-XHT	3.500	2.00	1.1255	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
PTRY-4.00A-XHT	4.000	2.25	1.2505	2.0	0.03	2.313	YSH-1.250	YSHE-1.250
PTRY-4.00-XHT	4.000	2.25	1.2505	2.0	0.03	2.313	YSH-1.250	YSHE-1.250







PTRY-XHT – HIGH TEMP. +660°F

Plain/Cylindrical – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRY-1.00-XHT	30	190	10	30	840	660°F	Steel Shield	DGBB-CSL	0.09
PTRY-1.125-XHT	30	190	10	30	840	660°F	Steel Shield	DGBB-CSL	0.13
PTRY-1.25-XHT	40	300	10	50	820	660°F	Steel Shield	DGBB-CSL	0.18
PTRY-1.375-XHT	40	300	10	50	820	660°F	Steel Shield	DGBB-CSL	0.23
PTRY-1.50-XHT	70	520	10	80	320	660°F	Steel Shield	DGBB-CSL	0.31
PTRY-1.75-XHT	70	520	10	80	320	660°F	Steel Shield	DGBB-CSL	0.51
PTRY-2.00-XHT	140	1,020	20	160	480	660°F	Steel Shield	DGBB-CSL	0.82
PTRY-2.25-XHT	140	1,020	20	160	480	660°F	Steel Shield	DGBB-CSL	1.10
PTRY-2.50-XHT	210	1,580	30	240	390	660°F	Steel Shield	DGBB-CSL	1.59
PTRY-2.75-XHT	210	1,580	30	240	390	660°F	Steel Shield	DGBB-CSL	2.03
PTRY-3.00A-XHT	230	2,070	40	310	310	660°F	Steel Shield	DGBB-CSL	2.47
PTRY-3.00-XHT	680	9,000	480	6,360	160	660°F	Steel Shield	TRB-CSL	2.67
PTRY-3.25A-XHT	230	2,070	40	310	310	660°F	Steel Shield	DGBB-CSL	3.09
PTRY-3.25-XHT	680	9,000	480	6,360	160	660°F	Steel Shield	TRB-CSL	3.69
PTRY-3.50A-XHT	250	2,230	40	340	280	660°F	Steel Shield	DGBB-CSL	4.00
PTRY-3.50-XHT	700	12,240	400	6,970	140	660°F	Steel Shield	TRB-CSL	4.37
PTRY-4.00A-XHT	250	2,230	40	340	280	660°F	Steel Shield	DGBB-CSL	6.36
PTRY-4.00-XHT	700	12,240	400	6,970	140	660°F	Steel Shield	TRB-CSL	6.77





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

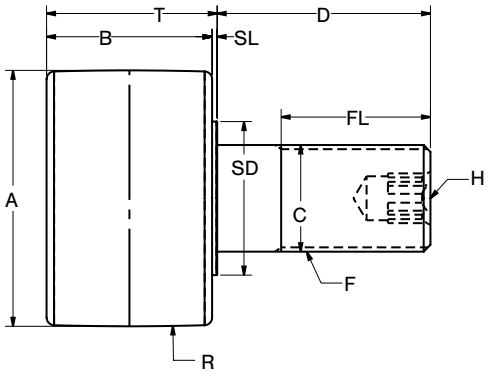
CTR-XHT – HIGH TEMP. +660°F

Crowned/Spherical – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width
CTR-1.00-XHT	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	12	0.5	0.03	0.78
CTR-1.125-XHT	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	12	0.5	0.03	0.78
CTR-1.25-XHT	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	14	0.6	0.03	0.84
CTR-1.375-XHT	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	14	0.6	0.03	0.84
CTR-1.50-XHT	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	20	0.8	0.06	1.19
CTR-1.75-XHT	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.06	1.19
CTR-2.00-XHT	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.69
CTR-2.25-XHT	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.69
CTR-2.50-XHT	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	30	1.2	0.06	1.69
CTR-2.75-XHT	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	30	1.2	0.06	1.69
CTR-3.00A-XHT	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-3.00-XHT	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-3.25A-XHT	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-3.50-XHT	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-3.50A-XHT	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-3.50-XHT	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-4.00A-XHT	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-4.00-XHT	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-4.50-XHT	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00





CTR-XHT – HIGH TEMP. +660°F

Crowned/Spherical – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTR-1.00-XHT	40	200	10	30	1,050	500	390	180	660°F	Steel Shield	DGBB-CSL	0.17
CTR-1.125-XHT	40	200	10	30	1,050	500	390	180	660°F	Steel Shield	DGBB-CSL	0.22
CTR-1.25-XHT	50	340	10	60	910	900	470	180	660°F	Steel Shield	DGBB-CSL	0.30
CTR-1.375-XHT	50	340	10	60	910	900	470	180	660°F	Steel Shield	DGBB-CSL	0.36
CTR-1.50-XHT	100	640	20	100	680	1,570	550	350	660°F	Steel Shield	DGBB-CSL	0.56
CTR-1.75-XHT	100	640	20	100	680	1,570	550	650	660°F	Steel Shield	DGBB-CSL	0.86
CTR-2.00-XHT	140	970	20	150	530	4,360	900	650	660°F	Steel Shield	DGBB-CSL	1.39
CTR-2.25-XHT	140	970	20	150	530	4,360	900	650	660°F	Steel Shield	DGBB-CSL	1.86
CTR-2.50-XHT	210	1,580	30	240	390	8,180	1,340	650	660°F	Steel Shield	DGBB-CSL	2.34
CTR-2.75-XHT	210	1,580	30	240	390	8,180	1,340	650	660°F	Steel Shield	DGBB-CSL	2.82
CTR-3.00A-XHT	280	2,270	50	340	330	13,580	1,950	1,500	660°F	Steel Shield	DGBB-CSL	3.99
CTR-3.00-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	4.06
CTR-3.25A-XHT	280	2,270	50	340	330	13,580	1,950	1,500	660°F	Steel Shield	DGBB-CSL	4.65
CTR-3.50-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	4.72
CTR-3.50A-XHT	280	2,270	50	340	330	13,580	1,950	1,500	660°F	Steel Shield	DGBB-CSL	5.48
CTR-3.50-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	5.52
CTR-4.00A-XHT	280	2,270	50	340	330	13,580	1,950	1,500	660°F	Steel Shield	DGBB-CSL	7.13
CTR-4.00-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	7.11
CTR-4.50-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	8.91





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

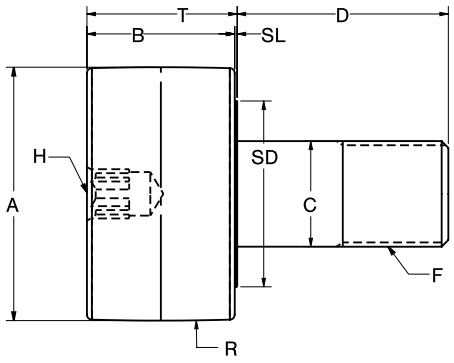
CXR-XHT – HIGH TEMP. +660°F

Crowned/Spherical – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width
CXR-1.00-XHT	1.000	0.63	0.438	1.00	7/16 - 20	0.50	5/16	12	0.6	0.03	0.66
CXR-1.125-XHT	1.125	0.63	0.438	1.00	7/16 - 20	0.50	5/16	12	0.6	0.03	0.66
CXR-1.25-XHT	1.250	0.75	0.500	1.25	1/2 - 20	0.63	5/16	14	0.6	0.03	0.78
CXR-1.375-XHT	1.375	0.75	0.500	1.25	1/2 - 20	0.63	5/16	14	0.6	0.03	0.78
CXR-1.50-XHT	1.500	0.88	0.625	1.50	5/8 - 18	0.75	5/16	20	0.8	0.03	0.91
CXR-1.75-XHT	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.03	1.03
CXR-2.00-XHT	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28
CXR-2.25-XHT	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28
CXR-2.50-XHT	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-2.75-XHT	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-3.00A-XHT	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78
CXR-3.00-XHT	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.8	0.03	1.78
CXR-3.25A-XHT	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78
CXR-3.25-XHT	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.8	0.03	1.78
CXR-3.50A-XHT	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	1.8	0.03	2.03
CXR-3.50-XHT	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	2.0	0.03	2.03
CXR-4.00A-XHT	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	1.8	0.03	2.28
CXR-4.00-XHT	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	2.0	0.03	2.28





Solutions Through Innovation

CXR-XHT – HIGH TEMP. +660°F

Crowned/Spherical – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXR-1.00-XHT	30	190	10	30	840	1,740	470	180	660°F	Steel Shield	DGBB-CSL	0.17
CXR-1.125-XHT	30	190	10	30	840	1,740	470	180	660°F	Steel Shield	DGBB-CSL	0.22
CXR-1.25-XHT	40	300	10	50	820	2,210	470	180	660°F	Steel Shield	DGBB-CSL	0.30
CXR-1.375-XHT	40	300	10	50	820	2,210	470	180	660°F	Steel Shield	DGBB-CSL	0.35
CXR-1.50-XHT	60	520	10	80	320	3,720	910	350	660°F	Steel Shield	DGBB-CSL	0.45
CXR-1.75-XHT	60	520	10	80	320	5,570	910	650	660°F	Steel Shield	DGBB-CSL	0.75
CXR-2.00-XHT	140	1,020	20	160	480	6,850	1,340	650	660°F	Steel Shield	DGBB-CSL	1.22
CXR-2.25-XHT	140	1,020	20	160	480	6,850	1,340	650	660°F	Steel Shield	DGBB-CSL	1.50
CXR-2.50-XHT	210	1,580	30	240	390	9,180	1,340	650	660°F	Steel Shield	DGBB-CSL	2.17
CXR-2.75-XHT	210	1,580	30	240	390	9,180	1,340	650	660°F	Steel Shield	DGBB-CSL	2.60
CXR-3.00A-XHT	230	2,070	40	310	310	15,450	1,950	1,500	660°F	Steel Shield	DGBB-CSL	3.56
CXR-3.00-XHT	680	9,000	480	6,360	160	15,450	-	1,500	660°F	Steel Shield	TRB-CSL	3.80
CXR-3.25A-XHT	230	2,070	40	310	310	15,450	1,950	1,500	660°F	Steel Shield	DGBB-CSL	4.31
CXR-3.25-XHT	680	9,000	480	6,360	160	15,450	-	1,500	660°F	Steel Shield	TRB-CSL	4.39
CXR-3.50A-XHT	250	2,230	40	340	280	18,070	3,000	1,500	660°F	Steel Shield	DGBB-CSL	5.47
CXR-3.50-XHT	700	12,240	400	6,970	140	18,070	-	1,500	660°F	Steel Shield	TRB-CSL	5.90
CXR-4.00A-XHT	250	2,230	40	340	280	20,920	3,000	1,500	660°F	Steel Shield	DGBB-CSL	8.25
CXR-4.00-XHT	700	12,240	400	6,970	140	20,920	-	1,500	660°F	Steel Shield	TRB-CSL	8.84





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

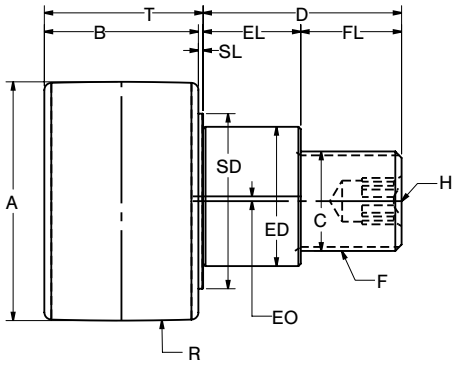
CTRE-XHT – HIGH TEMP. +660°F

Crowned/Spherical – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width
CTRE-1.00-XHT	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	12	0.7	0.03	0.78
CTRE-1.125-XHT	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	12	0.7	0.03	0.78
CTRE-1.25-XHT	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	14	0.8	0.03	0.84
CTRE-1.375-XHT	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	14	0.8	0.03	0.84
CTRE-1.50-XHT	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	20	1.1	0.06	1.19
CTRE-1.75-XHT	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	20	1.3	0.06	1.19
CTRE-2.00-XHT	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	24	1.5	0.06	1.69
CTRE-2.25-XHT	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	24	1.5	0.06	1.69
CTRE-2.50-XHT	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	24	1.7	0.06	1.69
CTRE-2.75-XHT	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	30	1.7	0.06	1.69
CTRE-3.00A-XHT	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.06	2.00
CTRE-3.00-XHT	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.06	2.00
CTRE-3.25A-XHT	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.06	2.00
CTRE-3.25-XHT	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.06	2.00
CTRE-3.50A-XHT	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00
CTRE-3.50-XHT	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00
CTRE-4.00A-XHT	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00
CTRE-4.00-XHT	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00
CTRE-4.50-XHT	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00





CTRE-XHT – HIGH TEMP. +660°F

Crowned/Spherical – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRE-1.00-XHT	40	200	10	30	1,050	500	390	250	660°F	Steel Shield	DGBB-CSL	0.20
CTRE-1.125-XHT	40	200	10	30	1,050	500	390	250	660°F	Steel Shield	DGBB-CSL	0.24
CTRE-1.25-XHT	50	340	10	60	910	930	470	250	660°F	Steel Shield	DGBB-CSL	0.32
CTRE-1.375-XHT	50	340	10	60	910	930	470	250	660°F	Steel Shield	DGBB-CSL	0.37
CTRE-1.50-XHT	100	640	20	100	680	1,570	550	650	660°F	Steel Shield	DGBB-CSL	0.63
CTRE-1.75-XHT	100	640	20	100	680	1,570	550	650	660°F	Steel Shield	DGBB-CSL	0.96
CTRE-2.00-XHT	140	970	20	150	530	4,360	900	650	660°F	Steel Shield	DGBB-CSL	1.68
CTRE-2.25-XHT	140	970	20	150	530	4,360	900	650	660°F	Steel Shield	DGBB-CSL	2.07
CTRE-2.50-XHT	210	1,580	30	240	390	9,660	1,340	650	660°F	Steel Shield	DGBB-CSL	2.48
CTRE-2.75-XHT	210	1,580	30	240	390	9,660	1,340	650	660°F	Steel Shield	DGBB-CSL	3.08
CTRE-3.00A-XHT	280	2,270	50	340	330	17,870	1,950	1,500	660°F	Steel Shield	DGBB-CSL	4.53
CTRE-3.00-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	4.54
CTRE-3.25A-XHT	280	2,270	50	340	330	17,870	1,950	1,500	660°F	Steel Shield	DGBB-CSL	5.19
CTRE-3.25-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	5.20
CTRE-3.50A-XHT	280	2,270	50	340	330	17,870	1,950	1,500	660°F	Steel Shield	DGBB-CSL	6.10
CTRE-3.50-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	6.11
CTRE-4.00A-XHT	280	2,270	50	340	330	17,870	1,950	1,500	660°F	Steel Shield	DGBB-CSL	7.69
CTRE-4.00-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	7.69
CTRE-4.50-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	9.49



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

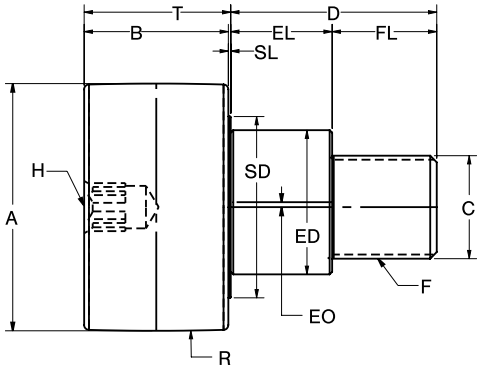
CXRE-XHT – HIGH TEMP. +660°F

Crowned/Spherical – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width
CXRE-1.00-XHT	1.000	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	12	0.8	0.03	0.66
CXRE-1.125-XHT	1.125	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	12	0.8	0.03	0.66
CXRE-1.25-XHT	1.250	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	14	0.9	0.03	0.78
CXRE-1.375-XHT	1.375	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	14	0.9	0.03	0.78
CXRE-1.50-XHT	1.500	0.88	0.625	1.50	0.875	0.75	0.03	5/8 - 18	0.75	5/16	20	1.0	0.03	0.91
CXRE-1.75-XHT	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	20	1.2	0.03	1.03
CXRE-2.00-XHT	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28
CXRE-2.25-XHT	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28
CXRE-2.50-XHT	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-2.75-XHT	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-3.00A-XHT	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.00-XHT	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.25A-XHT	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.25-XHT	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.50A-XHT	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03
CXRE-3.50-XHT	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03
CXRE-4.00A-XHT	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28
CXRE-4.00-XHT	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28





CXRE-XHT – HIGH TEMP. +660°F

Crowned/Spherical – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXRE-1.00-XHT	30	190	10	30	840	3,450	470	250	660°F	Steel Shield	DGBB-CSL	0.17
CXRE-1.125-XHT	30	190	10	30	840	3,450	470	250	660°F	Steel Shield	DGBB-CSL	0.22
CXRE-1.25-XHT	40	300	10	50	820	2,920	470	250	660°F	Steel Shield	DGBB-CSL	0.30
CXRE-1.375-XHT	40	300	10	50	820	2,920	470	250	660°F	Steel Shield	DGBB-CSL	0.35
CXRE-1.50-XHT	60	520	10	80	320	7,050	910	650	660°F	Steel Shield	DGBB-CSL	0.53
CXRE-1.75-XHT	60	520	10	80	320	5,570	910	650	660°F	Steel Shield	DGBB-CSL	0.84
CXRE-2.00-XHT	140	1,020	20	160	480	6,850	1,340	650	660°F	Steel Shield	DGBB-CSL	1.46
CXRE-2.25-XHT	140	1,020	20	160	480	6,850	1,340	650	660°F	Steel Shield	DGBB-CSL	1.78
CXRE-2.50-XHT	210	1,580	30	240	390	11,110	1,340	650	660°F	Steel Shield	DGBB-CSL	2.43
CXRE-2.75-XHT	210	1,580	30	240	390	11,110	1,340	650	660°F	Steel Shield	DGBB-CSL	2.89
CXRE-3.00A-XHT	230	2,070	40	310	310	24,920	1,950	1,500	660°F	Steel Shield	DGBB-CSL	4.00
CXRE-3.00-XHT	680	9,000	480	6,360	160	15,450	-	1,500	660°F	Steel Shield	TRB-CSL	4.26
CXRE-3.25A-XHT	230	2,070	40	310	310	24,920	1,950	1,500	660°F	Steel Shield	DGBB-CSL	4.36
CXRE-3.25-XHT	680	9,000	480	6,360	160	15,450	-	1,500	660°F	Steel Shield	TRB-CSL	4.45
CXRE-3.50A-XHT	250	2,230	40	340	280	33,660	3,000	1,500	660°F	Steel Shield	DGBB-CSL	6.00
CXRE-3.50-XHT	700	12,240	400	6,970	140	18,070	-	1,500	660°F	Steel Shield	TRB-CSL	6.41
CXRE-4.00A-XHT	250	2,230	40	340	280	33,830	3,000	1,500	660°F	Steel Shield	DGBB-CSL	9.11
CXRE-4.00-XHT	700	12,240	400	6,970	140	20,920	-	1,500	660°F	Steel Shield	TRB-CSL	9.75





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

CTRY-XHT – HIGH TEMP. +660°F

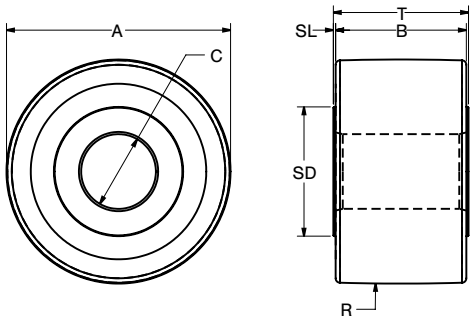
Crowned/Spherical – Yoke Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	R	SD	SL	T	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	Crown Radius	SHOULDER		Inner Race Width +.005 -.010	Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width			Dia.	Len.			
CTRY-1.00-XHT	1.000	0.63	0.3130	12	0.6	0.03	0.688	YSH-.312	YSHE-.312
CTRY-1.125-XHT	1.125	0.63	0.3130	12	0.6	0.03	0.688	YSH-.312	YSHE-.312
CTRY-1.25-XHT	1.250	0.75	0.3755	14	0.6	0.03	0.813	YSH-.375	YSHE-.375
CTRY-1.375-XHT	1.375	0.75	0.3755	14	0.6	0.03	0.813	YSH-.375	YSHE-.375
CTRY-1.50-XHT	1.500	0.88	0.4380	20	0.9	0.03	0.937	YSH-.437	YSHE-.437
CTRY-1.75-XHT	1.750	1.00	0.5005	20	0.9	0.03	1.063	YSH-.500	YSHE-.500
CTRY-2.00-XHT	2.000	1.25	0.6255	24	1.1	0.03	1.313	YSH-.625	YSHE-.625
CTRY-2.25-XHT	2.250	1.25	0.6255	24	1.1	0.03	1.313	YSH-.625	YSHE-.625
CTRY-2.50-XHT	2.500	1.50	0.7505	30	1.2	0.03	1.563	YSH-.750	YSHE-.750
CTRY-2.75-XHT	2.750	1.50	0.7505	30	1.2	0.03	1.563	YSH-.750	YSHE-.750
CTRY-3.00A-XHT	3.000	1.75	1.0005	30	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
CTRY-3.00-XHT	3.000	1.75	1.0005	30	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
CTRY-3.25A-XHT	3.250	1.75	1.0005	30	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
CTRY-3.25-XHT	3.250	1.75	1.0005	30	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
CTRY-3.50A-XHT	3.500	2.00	1.1255	30	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
CTRY-3.50-XHT	3.500	2.00	1.1255	30	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
CTRY-4.00A-XHT	4.000	2.25	1.2505	30	2.0	0.03	2.313	YSH-1.250	YSHE-1.250
CTRY-4.00-XHT	4.000	2.25	1.2505	30	2.0	0.03	2.313	YSH-1.250	YSHE-1.250
CTRY-4.50-XHT	4.500	1.75	1.2505	30	2.0	0.03	2.313	YSH-1.250	YSHE-1.250







CTRY-XHT – HIGH TEMP. +660°F
Crowned/Spherical – Yoke
Ball & Tapered Roller Bearings
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRY-1.00-XHT	30	190	10	30	840	660°F	Steel Shield	DGBB-CSL	0.09
CTRY-1.125-XHT	30	190	10	30	840	660°F	Steel Shield	DGBB-CSL	0.13
CTRY-1.25-XHT	40	300	10	50	820	660°F	Steel Shield	DGBB-CSL	0.18
CTRY-1.375-XHT	40	300	10	50	820	660°F	Steel Shield	DGBB-CSL	0.23
CTRY-1.50-XHT	70	520	10	80	320	660°F	Steel Shield	DGBB-CSL	0.30
CTRY-1.75-XHT	70	520	10	80	320	660°F	Steel Shield	DGBB-CSL	0.51
CTRY-2.00-XHT	140	1,020	20	160	480	660°F	Steel Shield	DGBB-CSL	0.82
CTRY-2.25-XHT	140	1,020	20	160	480	660°F	Steel Shield	DGBB-CSL	1.10
CTRY-2.50-XHT	210	1,580	30	240	390	660°F	Steel Shield	DGBB-CSL	1.59
CTRY-2.75-XHT	210	1,580	30	240	390	660°F	Steel Shield	DGBB-CSL	2.03
CTRY-3.00A-XHT	230	2,070	40	310	310	660°F	Steel Shield	DGBB-CSL	2.47
CTRY-3.00-XHT	680	9,000	480	6,360	140	660°F	Steel Shield	TRB-CSL	2.59
CTRY-3.25A-XHT	230	2,070	40	310	310	660°F	Steel Shield	DGBB-CSL	3.09
CTRY-3.25-XHT	680	9,000	480	6,360	140	660°F	Steel Shield	TRB-CSL	3.19
CTRY-3.50A-XHT	250	2,230	40	340	280	660°F	Steel Shield	DGBB-CSL	4.00
CTRY-3.50-XHT	700	12,240	400	6,970	140	660°F	Steel Shield	TRB-CSL	4.23
CTRY-4.00A-XHT	250	2,230	40	340	280	660°F	Steel Shield	DGBB-CSL	6.36
CTRY-4.00-XHT	700	12,240	400	6,970	140	660°F	Steel Shield	TRB-CSL	6.51
CTRY-4.50-XHT	700	12,240	400	6,970	140	660°F	Steel Shield	TRB-CSL	6.88





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

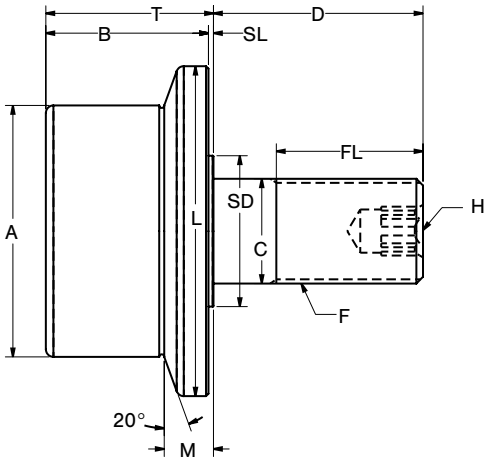
FTR-XHT – HIGH TEMP. +660°F

Flanged – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
FTR-1.00-XHT	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.38	0.22	0.5	0.03	0.78
FTR-1.125-XHT	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.50	0.22	0.5	0.03	0.78
FTR-1.25-XHT	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.56	0.22	0.6	0.03	0.84
FTR-1.375-XHT	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.69	0.22	0.6	0.03	0.84
FTR-1.50-XHT	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.19	0.34	0.8	0.06	1.19
FTR-1.75-XHT	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	2.44	0.34	0.9	0.06	1.19
FTR-2.00-XHT	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59	1.0	0.06	1.69
FTR-2.25-XHT	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.59	1.0	0.06	1.69
FTR-2.50-XHT	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	3.19	0.59	1.2	0.06	1.69
FTR-2.75-XHT	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	3.44	0.59	1.2	0.06	1.69
FTR-3.00A-XHT	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.5	0.06	2.00
FTR-3.00-XHT	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.8	0.06	2.00
FTR-3.25A-XHT	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.5	0.06	2.00
FTR-3.25-XHT	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.8	0.06	2.00
FTR-3.50A-XHT	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.5	0.06	2.00
FTR-3.50-XHT	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.8	0.06	2.00
FTR-4.00A-XHT	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.5	0.06	2.00
FTR-4.00-XHT	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.8	0.06	2.00
FTR-4.50-XHT	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.44	0.59	1.8	0.06	2.00
FTR-4.75-XHT	4.750	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.75	0.59	1.8	0.06	2.00





FTR-XHT – HIGH TEMP. +660°F

Flanged – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTR-1.00-XHT	40	200	10	30	1,050	380	380	180	660°F	Steel Shield	DGBB-CSL	0.20
FTR-1.125-XHT	40	200	10	30	1,050	380	380	180	660°F	Steel Shield	DGBB-CSL	0.24
FTR-1.25-XHT	50	340	10	60	910	710	470	180	660°F	Steel Shield	DGBB-CSL	0.32
FTR-1.375-XHT	50	340	10	60	910	710	470	180	660°F	Steel Shield	DGBB-CSL	0.37
FTR-1.50-XHT	100	630	20	100	680	1,210	550	350	660°F	Steel Shield	DGBB-CSL	0.66
FTR-1.75-XHT	100	630	20	100	680	1,210	550	650	660°F	Steel Shield	DGBB-CSL	0.97
FTR-2.00-XHT	140	970	20	150	530	2,830	900	650	660°F	Steel Shield	DGBB-CSL	1.76
FTR-2.25-XHT	140	970	20	150	530	2,830	900	650	660°F	Steel Shield	DGBB-CSL	2.18
FTR-2.50-XHT	210	1,580	30	240	390	6,280	1,340	650	660°F	Steel Shield	DGBB-CSL	2.70
FTR-2.75-XHT	210	1,580	30	240	390	6,280	1,340	650	660°F	Steel Shield	DGBB-CSL	3.20
FTR-3.00A-XHT	280	2,270	50	340	330	10,800	1,950	1,500	660°F	Steel Shield	DGBB-CSL	4.60
FTR-3.00-XHT	680	9,000	480	6,360	160	10,800	-	1,500	660°F	Steel Shield	TRB-CSL	4.72
FTR-3.25A-XHT	280	2,270	50	340	330	10,800	1,950	1,500	660°F	Steel Shield	DGBB-CSL	5.34
FTR-3.25-XHT	680	9,000	480	6,360	160	10,800	-	1,500	660°F	Steel Shield	TRB-CSL	5.54
FTR-3.50A-XHT	280	2,270	50	340	330	10,800	1,950	1,500	660°F	Steel Shield	DGBB-CSL	6.08
FTR-3.50-XHT	680	9,000	480	6,360	160	10,800	-	1,500	660°F	Steel Shield	TRB-CSL	6.27
FTR-4.00A-XHT	280	2,270	50	340	330	10,800	1,950	1,500	660°F	Steel Shield	DGBB-CSL	7.92
FTR-4.00-XHT	680	9,000	480	6,360	160	10,800	-	1,500	660°F	Steel Shield	TRB-CSL	8.22
FTR-4.50-XHT	680	9,000	480	6,360	160	10,800	-	1,500	660°F	Steel Shield	TRB-CSL	10.16
FTR-4.75-XHT	680	9,000	480	6,360	160	10,800	-	1,500	660°F	Steel Shield	TRB-CSL	11.22





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

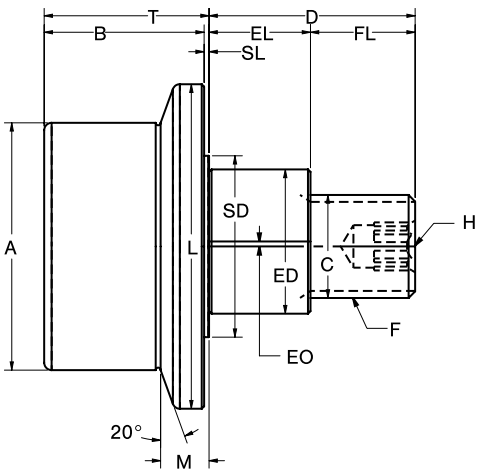
FTRE-XHT – HIGH TEMP. +660°F

Flanged – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
FTRE-1.00-XHT	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.38	0.22	0.7	0.03	0.78
FTRE-1.125-XHT	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.50	0.22	0.7	0.03	0.78
FTRE-1.25-XHT	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.56	0.22	0.8	0.03	0.84
FTRE-1.375-XHT	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.69	0.22	0.8	0.03	0.84
FTRE-1.50-XHT	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.19	0.34	1.1	0.06	1.19
FTRE-1.75-XHT	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	2.44	0.34	1.3	0.06	1.19
FTRE-2.00-XHT	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59	1.5	0.06	1.69
FTRE-2.25-XHT	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.59	1.5	0.06	1.69
FTRE-2.50-XHT	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.19	0.59	1.7	0.06	1.69
FTRE-2.75-XHT	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.44	0.59	1.7	0.06	1.69
FTRE-3.00A-XHT	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00
FTRE-3.00-XHT	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00
FTRE-3.25A-XHT	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00
FTRE-3.25-XHT	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00
FTRE-3.50A-XHT	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00
FTRE-3.50-XHT	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00
FTRE-4.00A-XHT	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00
FTRE-4.00-XHT	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00
FTRE-4.50-XHT	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.44	0.59	2.2	0.06	2.00
FTRE-4.75-XHT	4.750	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.75	0.59	2.2	0.06	2.00





FTRE-XHT – HIGH TEMP. +660°F
Flanged – Stud Eccentric Ball & Tapered Roller Bearings
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRE-1.00-XHT	40	200	10	30	1,050	380	390	250	660°F	Steel Shield	DGBB-CSL	0.22
FTRE-1.125-XHT	40	200	10	30	1,050	380	390	250	660°F	Steel Shield	DGBB-CSL	0.27
FTRE-1.25-XHT	50	340	10	60	910	710	470	250	660°F	Steel Shield	DGBB-CSL	0.34
FTRE-1.375-XHT	50	340	10	60	910	710	470	250	660°F	Steel Shield	DGBB-CSL	0.41
FTRE-1.50-XHT	100	630	20	100	680	1,210	550	650	660°F	Steel Shield	DGBB-CSL	0.76
FTRE-1.75-XHT	100	630	20	100	680	1,210	550	650	660°F	Steel Shield	DGBB-CSL	1.08
FTRE-2.00-XHT	140	970	20	150	530	2,830	900	650	660°F	Steel Shield	DGBB-CSL	1.96
FTRE-2.25-XHT	140	970	20	150	530	2,830	900	650	660°F	Steel Shield	DGBB-CSL	2.37
FTRE-2.50-XHT	210	1,580	30	240	390	7,020	1,340	650	660°F	Steel Shield	DGBB-CSL	2.87
FTRE-2.75-XHT	210	1,580	30	240	390	7,020	1,340	650	660°F	Steel Shield	DGBB-CSL	3.38
FTRE-3.00A-XHT	280	2,270	50	340	330	12,750	1,950	1,500	660°F	Steel Shield	DGBB-CSL	5.15
FTRE-3.00-XHT	680	9,000	480	6,360	160	10,800	-	1,500	660°F	Steel Shield	TRB-CSL	5.19
FTRE-3.25A-XHT	280	2,270	50	340	330	12,750	1,950	1,500	660°F	Steel Shield	DGBB-CSL	5.85
FTRE-3.25-XHT	680	9,000	480	6,360	160	10,800	-	1,500	660°F	Steel Shield	TRB-CSL	5.90
FTRE-3.50A-XHT	280	2,270	50	340	330	12,750	1,950	1,500	660°F	Steel Shield	DGBB-CSL	6.81
FTRE-3.50-XHT	680	9,000	480	6,360	160	10,800	-	1,500	660°F	Steel Shield	TRB-CSL	6.85
FTRE-4.00A-XHT	280	2,270	50	340	330	12,750	1,950	1,500	660°F	Steel Shield	DGBB-CSL	8.48
FTRE-4.00-XHT	680	9,000	480	6,360	160	10,800	-	1,500	660°F	Steel Shield	TRB-CSL	8.82
FTRE-4.50-XHT	680	9,000	480	6,360	160	10,800	-	1,500	660°F	Steel Shield	TRB-CSL	10.52
FTRE-4.75-XHT	680	9,000	480	6,360	160	10,800	-	1,500	660°F	Steel Shield	TRB-CSL	11.47





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

FTRY-XHT – HIGH TEMP. +660°F

Flanged – Yoke

Ball & Tapered Roller Bearings

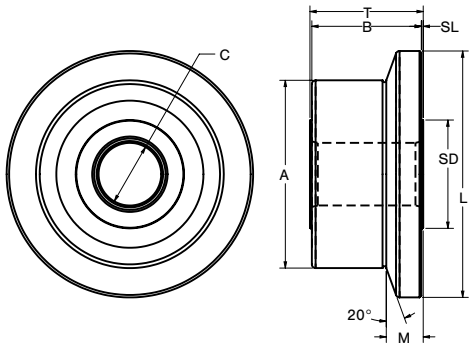
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T
	ROLLER			FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Bore Dia. +.0007 -.0000	Dia.	Width	Dia.	Len.	Inner Race Width +.005 -.010
FTRY-1.00-XHT	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688
FTRY-1.125-XHT	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688
FTRY-1.25-XHT	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813
FTRY-1.375-XHT	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813
FTRY-1.50-XHT	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937
FTRY-1.75-XHT	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063
FTRY-2.00-XHT	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313
FTRY-2.25-XHT	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313
FTRY-2.50-XHT	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563
FTRY-2.75-XHT	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563
FTRY-3.00A-XHT	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813
FTRY-3.00-XHT	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813
FTRY-3.25A-XHT	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813
FTRY-3.25-XHT	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813
FTRY-3.50A-XHT	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063
FTRY-3.50-XHT	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063
FTRY-4.00A-XHT	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313
FTRY-4.00-XHT	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312	YSHE-.312
YSH-.312	YSHE-.312
YSH-.375	YSHE-.375
YSH-.375	YSHE-.375
YSH-.437	YSHE-.437
YSH-.500	YSHE-.500
YSH-.625	YSHE-.625
YSH-.625	YSHE-.625
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-1.000	YSHE-1.000
YSH-1.000	YSHE-1.000
YSH-1.000	YSHE-1.000
YSH-1.000	YSHE-1.000
YSH-1.125	YSHE-1.125
YSH-1.125	YSHE-1.125
YSH-1.250	YSHE-1.250
YSH-1.250	YSHE-1.250







Solutions Through Innovation

FTRY-XHT – HIGH TEMP. +660°F

Flanged – Yoke

Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRY-1.00-XHT	30	190	10	30	840	660°F	Steel Shield	DGBB-CSL	0.12
FTRY-1.125-XHT	30	190	10	30	840	660°F	Steel Shield	DGBB-CSL	0.15
FTRY-1.25-XHT	40	300	10	50	820	660°F	Steel Shield	DGBB-CSL	0.2
FTRY-1.375-XHT	40	300	10	50	820	660°F	Steel Shield	DGBB-CSL	0.25
FTRY-1.50-XHT	70	520	10	80	320	660°F	Steel Shield	DGBB-CSL	0.37
FTRY-1.75-XHT	70	520	10	80	320	660°F	Steel Shield	DGBB-CSL	0.59
FTRY-2.00-XHT	140	1,020	20	160	480	660°F	Steel Shield	DGBB-CSL	1.07
FTRY-2.25-XHT	140	1,020	20	160	480	660°F	Steel Shield	DGBB-CSL	1.40
FTRY-2.50-XHT	210	1,580	30	240	390	660°F	Steel Shield	DGBB-CSL	1.84
FTRY-2.75-XHT	210	1,580	30	240	390	660°F	Steel Shield	DGBB-CSL	2.37
FTRY-3.00A-XHT	230	2,070	40	310	310	660°F	Steel Shield	DGBB-CSL	3.16
FTRY-3.00-XHT	680	9,000	480	6,360	160	660°F	Steel Shield	TRB-CSL	3.38
FTRY-3.25A-XHT	230	2,070	40	310	310	660°F	Steel Shield	DGBB-CSL	3.83
FTRY-3.25-XHT	680	9,000	480	6,360	160	660°F	Steel Shield	TRB-CSL	4.03
FTRY-3.50A-XHT	250	2,230	40	340	280	660°F	Steel Shield	DGBB-CSL	4.80
FTRY-3.50-XHT	700	12,240	400	6,970	140	660°F	Steel Shield	TRB-CSL	5.16
FTRY-4.00A-XHT	250	2,230	40	340	280	660°F	Steel Shield	DGBB-CSL	7.05
FTRY-4.00-XHT	700	12,240	400	6,970	140	660°F	Steel Shield	TRB-CSL	7.72





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

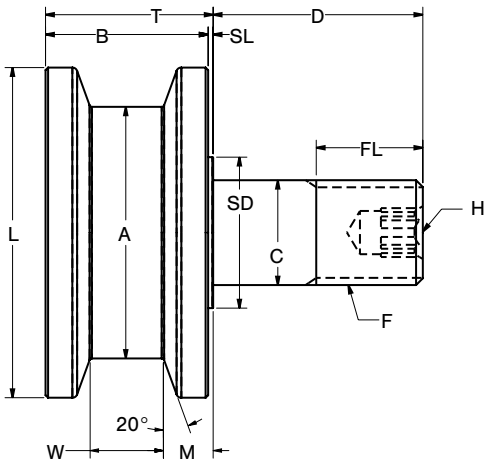
FFTR-XHT – HIGH TEMP. +660°F

Double Flanged – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T	W
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER			Tread Width
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	
FFTR-1.00-XHT	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.38	0.22	0.5	0.03	0.78	0.37
FFTR-1.125-XHT	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.50	0.22	0.5	0.03	0.78	0.37
FFTR-1.25-XHT	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.56	0.22	0.6	0.03	0.84	0.43
FFTR-1.375-XHT	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.69	0.22	0.6	0.03	0.84	0.43
FFTR-1.50-XHT	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.19	0.34	0.8	0.06	1.19	0.56
FFTR-1.75-XHT	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	2.44	0.34	0.9	0.06	1.19	0.56
FFTR-2.00-XHT	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59	1.0	0.06	1.69	0.56
FFTR-2.25-XHT	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.59	1.0	0.06	1.69	0.56
FFTR-2.50-XHT	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	3.19	0.59	1.2	0.06	1.69	0.56
FFTR-2.75-XHT	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	3.44	0.59	1.2	0.06	1.69	0.56
FFTR-3.00A-XHT	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.5	0.06	2.00	0.88
FFTR-3.00-XHT	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.8	0.06	2.00	0.88
FFTR-3.25A-XHT	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.5	0.06	2.00	0.88
FFTR-3.25-XHT	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.8	0.06	2.00	0.88
FFTR-3.50A-XHT	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.5	0.06	2.00	0.88
FFTR-3.50-XHT	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.8	0.06	2.00	0.88
FFTR-4.00A-XHT	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.5	0.06	2.00	0.88
FFTR-4.00-XHT	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.8	0.06	2.00	0.88
FFTR-4.50-XHT	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.44	0.59	1.8	0.06	2.00	0.88
FFTR-4.75-XHT	4.750	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.75	0.59	1.8	0.06	2.00	0.88





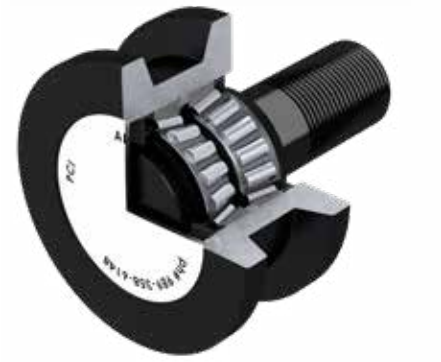
FFTR-XHT – HIGH TEMP. +660°F

Double Flanged – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTR-1.00-XHT	40	200	10	30	1,050	500	390	180	660°F	Steel Shield	DGBB-CSL	0.23
FFTR-1.125-XHT	40	200	10	30	1,050	500	390	180	660°F	Steel Shield	DGBB-CSL	0.28
FFTR-1.25-XHT	50	340	10	60	910	900	470	180	660°F	Steel Shield	DGBB-CSL	0.34
FFTR-1.375-XHT	50	340	10	60	910	900	470	180	660°F	Steel Shield	DGBB-CSL	0.41
FFTR-1.50-XHT	100	630	20	100	680	1,570	550	350	660°F	Steel Shield	DGBB-CSL	0.81
FFTR-1.75-XHT	100	630	20	100	680	1,570	550	650	660°F	Steel Shield	DGBB-CSL	1.14
FFTR-2.00-XHT	140	970	20	150	530	4,360	900	650	660°F	Steel Shield	DGBB-CSL	2.15
FFTR-2.25-XHT	140	970	20	150	530	4,360	900	650	660°F	Steel Shield	DGBB-CSL	2.61
FFTR-2.50-XHT	210	1,580	30	240	390	8,180	1,340	650	660°F	Steel Shield	DGBB-CSL	3.16
FFTR-2.75-XHT	210	1,580	30	240	390	8,180	1,340	650	660°F	Steel Shield	DGBB-CSL	3.72
FFTR-3.00A-XHT	280	2,270	50	340	330	13,580	1,950	1,500	660°F	Steel Shield	DGBB-CSL	5.25
FFTR-3.00-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	5.46
FFTR-3.25A-XHT	280	2,270	50	340	330	13,580	1,950	1,500	660°F	Steel Shield	DGBB-CSL	5.89
FFTR-3.25-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	6.24
FFTR-3.50A-XHT	280	2,270	50	340	330	13,580	1,950	1,500	660°F	Steel Shield	DGBB-CSL	6.78
FFTR-3.50-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	7.17
FFTR-4.00A-XHT	280	2,270	50	340	330	13,580	1,950	1,500	660°F	Steel Shield	DGBB-CSL	8.55
FFTR-4.00-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	9.01
FFTR-4.50-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	10.76
FFTR-4.75-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	12.25





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

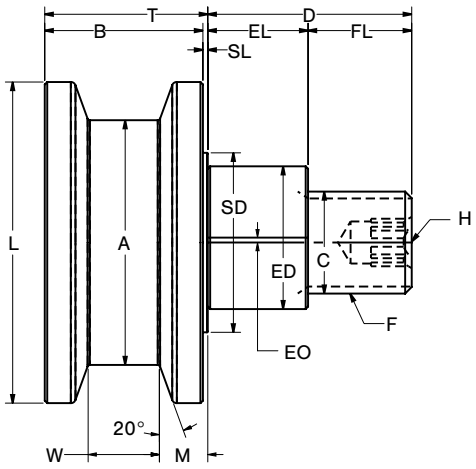
FFTRE-XHT – HIGH TEMP. +660°F

Double Flanged – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T	W
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER			Tread Width
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	
FFTRE-1.00-XHT	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.38	0.22	0.7	0.03	0.78	0.37
FFTRE-1.125-XHT	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.50	0.22	0.7	0.03	0.78	0.37
FFTRE-1.25-XHT	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.56	0.22	0.8	0.03	0.84	0.43
FFTRE-1.375-XHT	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.69	0.22	0.8	0.03	0.84	0.43
FFTRE-1.50-XHT	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.19	0.34	1.1	0.06	1.19	0.56
FFTRE-1.75-XHT	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	2.44	0.34	1.3	0.06	1.19	0.56
FFTRE-2.00-XHT	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59	1.5	0.06	1.69	0.56
FFTRE-2.25-XHT	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.59	1.5	0.06	1.69	0.56
FFTRE-2.50-XHT	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.19	0.59	1.7	0.06	1.69	0.56
FFTRE-2.75-XHT	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.44	0.59	1.7	0.06	1.69	0.56
FFTRE-3.00A-XHT	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00	0.88
FFTRE-3.00-XHT	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00	0.88
FFTRE-3.25A-XHT	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00	0.88
FFTRE-3.25-XHT	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00	0.88
FFTRE-3.50A-XHT	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00	0.88
FFTRE-3.50-XHT	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00	0.88
FFTRE-4.00A-XHT	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00	0.88
FFTRE-4.00-XHT	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00	0.88
FFTRE-4.50-XHT	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.44	0.59	2.2	0.06	2.00	0.88
FFTRE-4.75-XHT	4.750	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.75	0.59	2.2	0.06	2.00	0.88





FFTRE-XHT – HIGH TEMP. +660°F

Double Flanged – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRE-1.00-XHT	40	200	10	30	1,050	500	390	250	660°F	Steel Shield	DGBB-CSL	0.25
FFTRE-1.125-XHT	40	200	10	30	1,050	500	390	250	660°F	Steel Shield	DGBB-CSL	0.31
FFTRE-1.25-XHT	50	340	10	60	910	930	470	250	660°F	Steel Shield	DGBB-CSL	0.36
FFTRE-1.375-XHT	50	340	10	60	910	930	470	250	660°F	Steel Shield	DGBB-CSL	0.45
FFTRE-1.50-XHT	100	630	20	100	680	1,570	550	650	660°F	Steel Shield	DGBB-CSL	0.91
FFTRE-1.75-XHT	100	630	20	100	680	1,570	550	650	660°F	Steel Shield	DGBB-CSL	1.25
FFTRE-2.00-XHT	140	970	20	150	530	4,360	900	650	660°F	Steel Shield	DGBB-CSL	2.29
FFTRE-2.25-XHT	140	970	20	150	530	4,360	900	650	660°F	Steel Shield	DGBB-CSL	2.80
FFTRE-2.50-XHT	210	1,580	30	240	390	9,660	1,340	650	660°F	Steel Shield	DGBB-CSL	3.48
FFTRE-2.75-XHT	210	1,580	30	240	390	9,660	1,340	650	660°F	Steel Shield	DGBB-CSL	3.98
FFTRE-3.00A-XHT	280	2,270	50	340	330	17,870	1,950	1,500	660°F	Steel Shield	DGBB-CSL	5.77
FFTRE-3.00-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	5.81
FFTRE-3.25A-XHT	280	2,270	50	340	330	17,870	1,950	1,500	660°F	Steel Shield	DGBB-CSL	6.40
FFTRE-3.25-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	6.45
FFTRE-3.50A-XHT	280	2,270	50	340	330	17,870	1,950	1,500	660°F	Steel Shield	DGBB-CSL	7.57
FFTRE-3.50-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	7.75
FFTRE-4.00A-XHT	280	2,270	50	340	330	17,870	1,950	1,500	660°F	Steel Shield	DGBB-CSL	9.11
FFTRE-4.00-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	9.61
FFTRE-4.50-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	11.34
FFTRE-4.75-XHT	680	9,000	480	6,360	160	13,580	-	1,500	660°F	Steel Shield	TRB-CSL	12.50





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

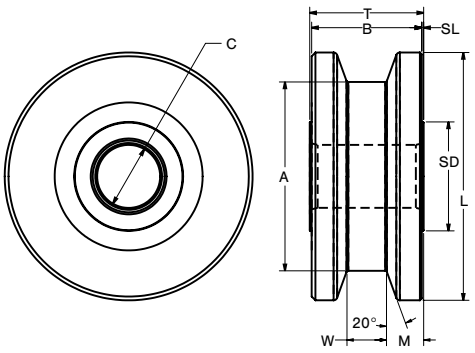
FFTRY-XHT – HIGH TEMP. +660°F

Double Flanged – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	W	OPTIONAL PCI YOKE SHAFT	
	ROLLER			FLANGE		SHOULDER					
	Dia.	Width	Bore Dia. +.0007 -.0000	Dia.	Width	Dia.	Len.	Inner Race Width +.005 -.010	Tread Width	Concentric Shaft	Eccentric Shaft
FFTRY-1.00-XHT	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688	0.25	YSH-.312	YSHE-.312
FFTRY-1.125-XHT	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688	0.25	YSH-.312	YSHE-.312
FFTRY-1.25-XHT	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813	0.38	YSH-.375	YSHE-.375
FFTRY-1.375-XHT	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813	0.38	YSH-.375	YSHE-.375
FFTRY-1.50-XHT	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	0.50	YSH-.437	YSHE-.437
FFTRY-1.75-XHT	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	0.56	YSH-.500	YSHE-.500
FFTRY-2.00-XHT	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	0.69	YSH-.625	YSHE-.625
FFTRY-2.25-XHT	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	0.69	YSH-.625	YSHE-.625
FFTRY-2.50-XHT	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	0.56	YSH-.750	YSHE-.750
FFTRY-2.75-XHT	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	0.68	YSH-.750	YSHE-.750
FFTRY-3.00A-XHT	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63	YSH-1.000	YSHE-1.000
FFTRY-3.00-XHT	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63	YSH-1.000	YSHE-1.000
FFTRY-3.25A-XHT	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63	YSH-1.000	YSHE-1.000
FFTRY-3.25-XHT	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63	YSH-1.000	YSHE-1.000
FFTRY-3.50A-XHT	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88	YSH-1.125	YSHE-1.125
FFTRY-3.50-XHT	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88	YSH-1.125	YSHE-1.125
FFTRY-4.00A-XHT	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13	YSH-1.250	YSHE-1.250
FFTRY-4.00-XHT	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13	YSH-1.250	YSHE-1.250





FFTRY-XHT – HIGH TEMP. +660°F

Double Flanged – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRY-1.00-XHT	30	190	10	30	840	660°F	Steel Shield	DGBB-CSL	0.14
FFTRY-1.125-XHT	30	190	10	30	840	660°F	Steel Shield	DGBB-CSL	0.17
FFTRY-1.25-XHT	40	300	10	50	820	660°F	Steel Shield	DGBB-CSL	0.22
FFTRY-1.375-XHT	40	300	10	50	820	660°F	Steel Shield	DGBB-CSL	0.27
FFTRY-1.50-XHT	70	520	10	80	320	660°F	Steel Shield	DGBB-CSL	0.45
FFTRY-1.75-XHT	70	520	10	80	320	660°F	Steel Shield	DGBB-CSL	0.71
FFTRY-2.00-XHT	140	1,020	20	160	480	660°F	Steel Shield	DGBB-CSL	1.32
FFTRY-2.25-XHT	140	1,020	20	160	480	660°F	Steel Shield	DGBB-CSL	1.67
FFTRY-2.50-XHT	210	1,580	30	240	390	660°F	Steel Shield	DGBB-CSL	2.19
FFTRY-2.75-XHT	210	1,580	30	240	390	660°F	Steel Shield	DGBB-CSL	2.69
FFTRY-3.00A-XHT	230	2,070	40	310	310	660°F	Steel Shield	DGBB-CSL	3.86
FFTRY-3.00-XHT	680	9,000	480	6,360	160	660°F	Steel Shield	TRB-CSL	4.06
FFTRY-3.25A-XHT	230	2,070	40	310	310	660°F	Steel Shield	DGBB-CSL	4.44
FFTRY-3.25-XHT	680	9,000	480	6,360	160	660°F	Steel Shield	TRB-CSL	4.69
FFTRY-3.50A-XHT	250	2,230	40	340	280	660°F	Steel Shield	DGBB-CSL	5.43
FFTRY-3.50-XHT	700	12,240	400	6,970	140	660°F	Steel Shield	TRB-CSL	5.79
FFTRY-4.00A-XHT	250	2,230	40	340	280	660°F	Steel Shield	DGBB-CSL	8.16
FFTRY-4.00-XHT	700	12,240	400	6,970	140	660°F	Steel Shield	TRB-CSL	8.55





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

VTR-XHT – HIGH TEMP. +660°F

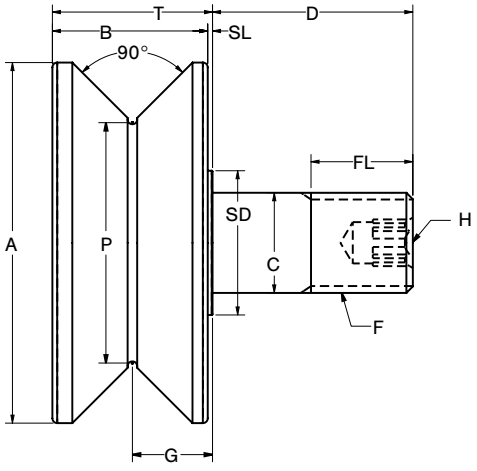
V-Groove – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	M	SD	SL	T
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.				Dia.	Len.	Len. + Roller Width
VTR-1.50-XHT	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	3/16	1.125	0.5	0.03	0.78
VTR-2.00-XHT	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	3/16	1.375	0.6	0.03	0.84
VTR-2.50-XHT	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	1.500	0.9	0.06	1.31
VTR-3.50-XHT	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	2.250	1.0	0.06	1.69
VTR-4.50A-XHT	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.5	0.06	2.00
VTR-4.50-XHT	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.8	0.06	2.00
VTR-5.50A-XHT	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.5	0.06	2.00
VTR-5.50-XHT	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.8	0.06	2.00





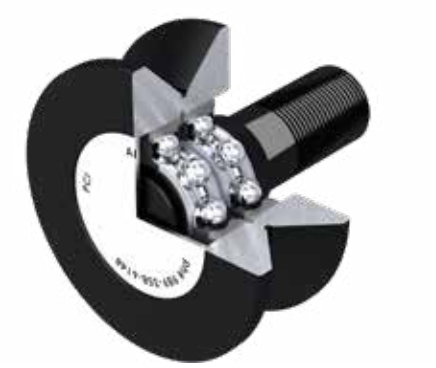


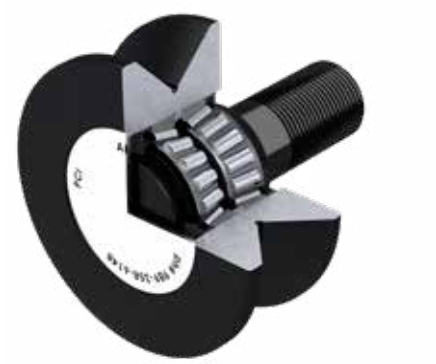
VTR-XHT – HIGH TEMP. +660°F

V-Groove – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTR-1.50-XHT	40	200	10	30	1,050	870	390	180	660°F	Steel Shield	DGBB-CSL	0.33
VTR-2.00-XHT	50	340	10	60	910	1,230	470	180	660°F	Steel Shield	DGBB-CSL	0.56
VTR-2.50-XHT	100	630	20	100	680	1,390	550	650	660°F	Steel Shield	DGBB-CSL	1.31
VTR-3.50-XHT	180	1,330	30	200	450	5,370	900	650	660°F	Steel Shield	DGBB-CSL	3.44
VTR-4.50A-XHT	280	2,270	50	340	330	22,200	1,950	1,500	660°F	Steel Shield	DGBB-CSL	6.85
VTR-4.50-XHT	680	9,000	480	6,360	160	17,080	-	1,500	660°F	Steel Shield	TRB-CSL	6.88
VTR-5.50A-XHT	280	2,270	50	340	330	22,200	1,950	1,500	660°F	Steel Shield	DGBB-CSL	10.82
VTR-5.50-XHT	680	9,000	480	6,360	160	17,080	-	1,500	660°F	Steel Shield	TRB-CSL	11.04





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

VTRE-XHT – HIGH TEMP. +660°F

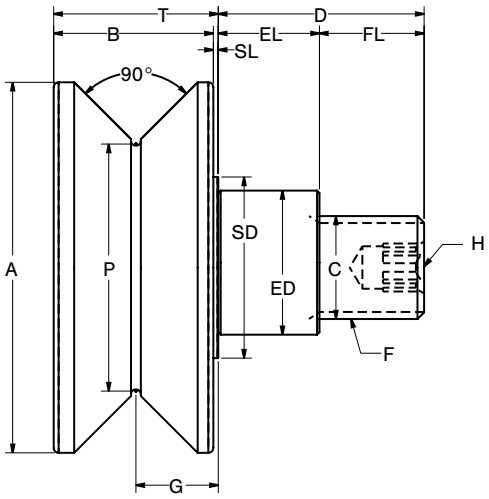
V-Groove – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	M	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width
VTRE-1.50-XHT	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.50	0.39	3/16	1.125	0.7	0.03	0.78
VTRE-2.00-XHT	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.63	0.42	3/16	1.375	0.8	0.03	0.84
VTRE-2.50-XHT	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.88	0.69	5/16	1.500	1.3	0.06	1.31
VTRE-3.50-XHT	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.13	0.88	5/16	2.250	1.5	0.06	1.69
VTRE-4.50A-XHT	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.75	1.00	1/2	3.000	2.2	0.06	2.00
VTRE-4.50-XHT	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.75	1.00	1/2	3.000	2.2	0.06	2.00
VTRE-5.50A-XHT	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.75	1.00	1/2	4.000	2.2	0.06	2.00
VTRE-5.50-XHT	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	1/2	4.000	2.2	0.06	2.00





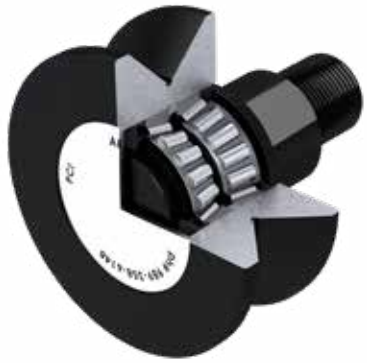


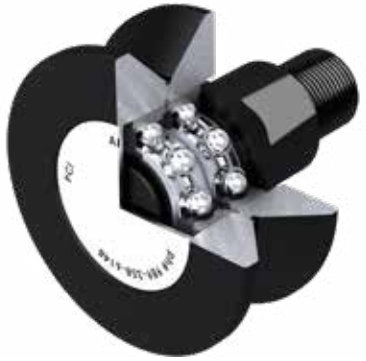
VTRE-XHT – HIGH TEMP. +660°F

V-Groove – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRE-1.50-XHT	40	200	10	30	1,050	870	390	250	660°F	Steel Shield	DGBB-CSL	0.36
VTRE-2.00-XHT	50	340	10	60	910	1,230	470	250	660°F	Steel Shield	DGBB-CSL	0.59
VTRE-2.50-XHT	100	630	20	100	680	1,390	550	650	660°F	Steel Shield	DGBB-CSL	1.38
VTRE-3.50-XHT	180	1,330	30	200	450	5,370	900	650	660°F	Steel Shield	DGBB-CSL	3.49
VTRE-4.50A-XHT	280	2,270	50	340	330	22,200	1,950	1,500	660°F	Steel Shield	DGBB-CSL	7.31
VTRE-4.50-XHT	680	9,000	480	6,360	160	17,080	-	1,500	660°F	Steel Shield	TRB-CSL	7.36
VTRE-5.50A-XHT	280	2,270	50	340	330	22,200	1,950	1,500	660°F	Steel Shield	DGBB-CSL	11.24
VTRE-5.50-XHT	680	9,000	480	6,360	160	17,080	-	1,500	660°F	Steel Shield	TRB-CSL	11.33





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

VTRY-XHT – HIGH TEMP. +660°F

V-Groove – Yoke

Ball & Tapered Roller Bearings

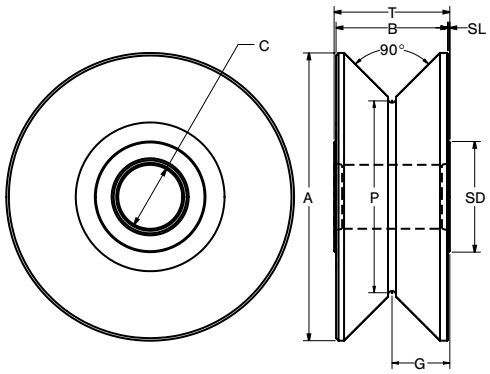
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T
	ROLLER					SHOULDER		
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Point Dia. +.000 -.001	Dia.	Len.	Inner Race Width +.005 -.010
VTRY-1.50-XHT	1.50	0.63	0.3130	0.34	1.063	0.6	0.03	0.688
VTRY-1.75-XHT	1.75	0.75	0.3755	0.41	1.313	0.6	0.03	0.813
VTRY-2.00-XHT	2.00	0.88	0.4380	0.44	1.500	0.9	0.03	0.938
VTRY-2.50-9-XHT	2.50	0.88	0.4380	0.47	1.750	0.9	0.03	0.937
VTRY-2.50-XHT	2.50	1.25	0.6255	0.66	2.000	1.1	0.03	1.313
VTRY-3.00-XHT	3.00	1.25	0.6255	0.66	2.060	1.1	0.03	1.313
VTRY-3.50-XHT	3.50	1.50	0.7505	0.78	2.250	1.2	0.03	1.563
VTRY-3.50-9-XHT	3.50	1.63	0.7505	0.84	2.250	1.2	0.03	1.687
VTRY-3.75A-XHT	3.75	1.50	0.7505	0.78	2.500	1.2	0.03	1.563
VTRY-4.50A-XHT	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813
VTRY-4.50-XHT	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813
VTRY-5.00A-XHT	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063
VTRY-5.00-XHT	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063
VTRY-5.50A-XHT	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313
VTRY-5.50-XHT	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312	YSHE-.312
YSH-.375	YSHE-.375
YSH-.437	YSHE-.437
YSH-.437	YSHE-.437
YSH-.625	YSHE-.625
YSH-.625	YSHE-.625
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-1.000	YSHE-1.000
YSH-1.000	YSHE-1.000
YSH-1.125	YSHE-1.125
YSH-1.125	YSHE-1.125
YSH-1.250	YSHE-1.250
YSH-1.250	YSHE-1.250







VTRY-XHT – HIGH TEMP. +660°F

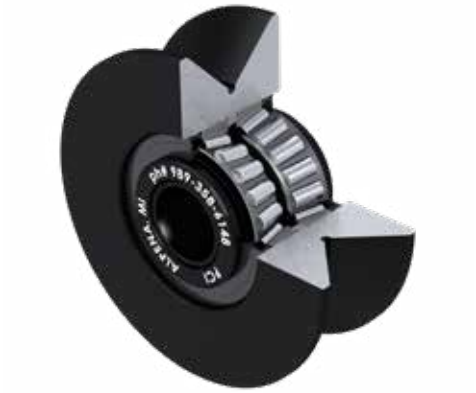
V-Groove – Yoke

Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRY-1.50-XHT	30	190	10	30	840	660°F	Steel Shield	DGBB-CSL	0.2
VTRY-1.75-XHT	40	300	10	50	820	660°F	Steel Shield	DGBB-CSL	0.35
VTRY-2.00-XHT	70	520	10	80	320	660°F	Steel Shield	DGBB-CSL	0.54
VTRY-2.50-9-XHT	70	520	10	80	320	660°F	Steel Shield	DGBB-CSL	0.82
VTRY-2.50-XHT	140	1,020	20	160	480	660°F	Steel Shield	DGBB-CSL	1.30
VTRY-3.00-XHT	140	1,020	20	160	480	660°F	Steel Shield	DGBB-CSL	1.69
VTRY-3.50-XHT	170	1,330	30	200	420	660°F	Steel Shield	DGBB-CSL	2.70
VTRY-3.50-9-XHT	170	1,330	30	200	420	660°F	Steel Shield	DGBB-CSL	2.53
VTRY-3.75A-XHT	210	1,580	30	240	390	660°F	Steel Shield	DGBB-CSL	3.05
VTRY-4.50A-XHT	230	2,070	40	310	310	660°F	Steel Shield	DGBB-CSL	4.88
VTRY-4.50-XHT	680	9,000	480	6,360	160	660°F	Steel Shield	TRB-CSL	5.12
VTRY-5.00A-XHT	250	2,230	40	340	280	660°F	Steel Shield	DGBB-CSL	7.48
VTRY-5.00-XHT	700	12,240	400	6,970	140	660°F	Steel Shield	TRB-CSL	7.61
VTRY-5.50A-XHT	250	2,230	40	340	280	660°F	Steel Shield	DGBB-CSL	11.06
VTRY-5.50-XHT	700	12,240	400	6,970	140	660°F	Steel Shield	TRB-CSL	11.56





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

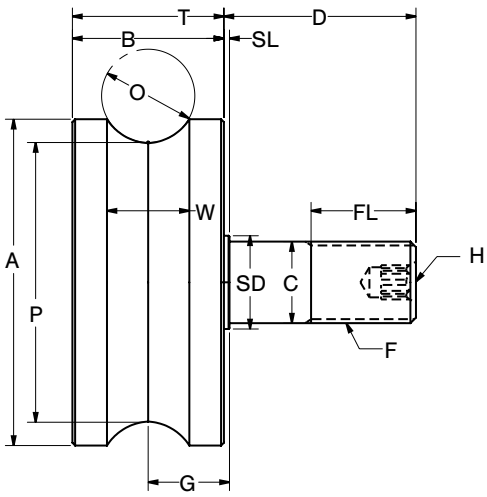
UTR-XHT – HIGH TEMP. +660°F

U-Groove – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	O	P	SD	SL	T	W
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	SHOULDER			Tread Width
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.					Dia.	Len.	Len. + Roller Width	
UTR-1.50-XHT	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.41	3/16	1/2	1.250	0.5	0.03	0.78	0.43
UTR-1.75-XHT	1.75	0.75	0.437	1.00	7/16 - 20	0.50	0.41	3/16	1/2	1.500	0.5	0.03	0.78	0.43
UTR-2.00-XHT	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.44	3/16	5/8	1.750	0.6	0.03	0.84	0.50
UTR-2.50-XHT	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	3/4	2.000	0.9	0.06	1.31	0.71
UTR-3.50-XHT	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	1	3.000	1.0	0.06	1.69	0.87
UTR-4.50A-XHT	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	1	4.000	1.5	0.06	2.00	0.87
UTR-4.50-XHT	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	1	4.000	1.8	0.06	2.00	0.87
UTR-5.50-XHT	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	1 1/4	5.000	1.8	0.06	2.00	1.00



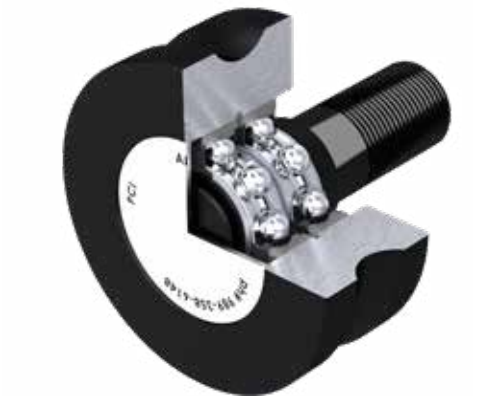


UTR-XHT – HIGH TEMP. +660°F

U-Groove – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTR-1.50-XHT	40	200	10	30	1,050	500	390	180	660°F	Steel Shield	DGBB-CSL	0.33
UTR-1.75-XHT	40	200	10	30	1,050	500	390	180	660°F	Steel Shield	DGBB-CSL	0.46
UTR-2.00-XHT	50	340	10	60	910	900	470	180	660°F	Steel Shield	DGBB-CSL	0.64
UTR-2.50-XHT	100	630	20	100	680	1,390	550	650	660°F	Steel Shield	DGBB-CSL	1.54
UTR-3.50-XHT	180	1,330	30	200	450	5,370	900	650	660°F	Steel Shield	DGBB-CSL	4.05
UTR-4.50A-XHT	290	2,270	50	340	330	22,200	1,950	1,500	660°F	Steel Shield	DGBB-CSL	8.31
UTR-4.50-XHT	680	9,000	480	6,360	160	17,200	-	1,500	660°F	Steel Shield	TRB-CSL	8.52
UTR-5.50-XHT	680	9,000	480	6,360	160	17,200	-	1,500	660°F	Steel Shield	TRB-CSL	12.78





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

UTRE-XHT – HIGH TEMP. +660°F

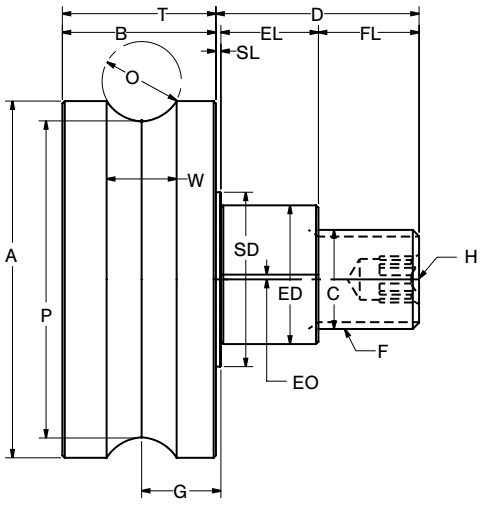
U-Groove – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	O	P	SD	SL	T	W
	ROLLER		STUD		ECCENTRIC			THREAD						SHOULDER			
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.	Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	Dia.	Len.	Len. + Roller Width	Tread Width
UTRE-1.50-XHT	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	3/16	1/2	1.250	0.7	0.03	0.78	0.43
UTRE-1.75-XHT	1.75	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	3/16	1/2	1.500	0.7	0.03	0.78	0.43
UTRE-2.00-XHT	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.44	3/16	5/8	1.750	0.8	0.03	0.84	0.50
UTRE-2.50-XHT	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	5/16	3/4	2.000	1.3	0.06	1.31	0.71
UTRE-3.50-XHT	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	5/16	1	3.000	1.5	0.06	1.69	0.87
UTRE-4.50A-XHT	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	1	4.000	2.2	0.06	2.00	0.87
UTRE-4.50-XHT	5.94	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	1.50	5/8	2	5.000	3.3	0.06	3.00	1.39
UTRE-5.50-XHT	6.94	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	1.50	5/8	2	6.000	3.6	0.06	3.00	1.69





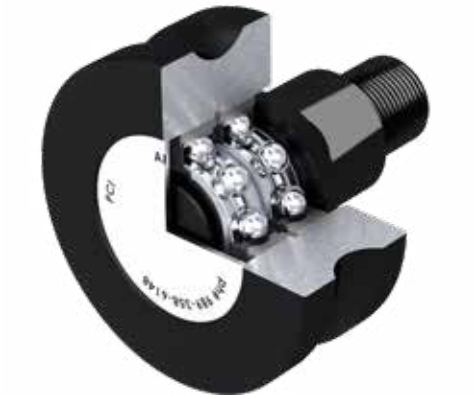


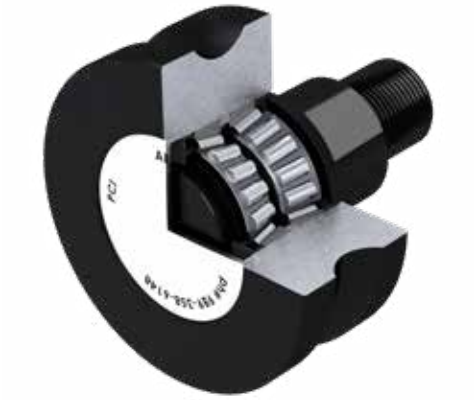
UTRE-XHT – HIGH TEMP. +660°F

U-Groove – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRE-1.50-XHT	40	200	10	30	1,050	500	390	250	660°F	Steel Shield	DGBB-CSL	0.33
UTRE-1.75-XHT	40	200	10	30	1,050	500	390	250	660°F	Steel Shield	DGBB-CSL	0.46
UTRE-2.00-XHT	50	340	10	60	910	900	470	250	660°F	Steel Shield	DGBB-CSL	0.64
UTRE-2.50-XHT	100	630	20	100	680	1,390	550	650	660°F	Steel Shield	DGBB-CSL	1.54
UTRE-3.50-XHT	180	1,330	30	200	450	5,370	900	650	660°F	Steel Shield	DGBB-CSL	4.05
UTRE-4.50A-XHT	290	2,270	50	340	330	22,200	1,950	1,500	660°F	Steel Shield	DGBB-CSL	8.31
UTRE-4.50-XHT	680	9,000	480	6,360	160	17,200	-	1,500	660°F	Steel Shield	TRB-CSL	8.76
UTRE-5.50-XHT	680	9,000	480	6,360	160	17,200	-	1,500	660°F	Steel Shield	TRB-CSL	12.94





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

UTRY-XHT – HIGH TEMP. +660°F

U-Groove – Yoke

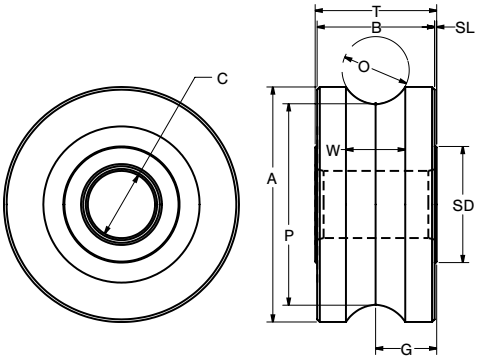
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	O	P	SD	SL	T	W
	ROLLER						SHOULDER			
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Rail Size	Point Dia. +.000 -.001	Dia.	Len.	Inner Race Width +.005 -.010	Tread Width
UTRY-1.75-XHT	1.75	0.88	0.4380	0.47	1/2	1.500	0.9	0.03	0.937	0.44
UTRY-2.00-XHT	2.00	1.00	0.5005	0.53	5/8	1.750	0.9	0.03	1.063	0.50
UTRY-2.50-XHT	2.50	1.25	0.6255	0.66	3/4	2.000	1.1	0.03	1.313	0.71
UTRY-3.50A-XHT	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87
UTRY-3.50-XHT	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87
UTRY-4.50A-XHT	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87
UTRY-4.50-XHT	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.437	YSHE-.437
YSH-.500	YSHE-.500
YSH-.625	YSHE-.625
YSH-1.000	YSHE-1.000
YSH-1.000	YSHE-1.000
YSH-1.250	YSHE-1.250
YSH-1.250	YSHE-1.250





Solutions Through Innovation

UTRY-XHT – HIGH TEMP. +660°F

U-Groove – Yoke

Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRY-1.75-XHT	70	520	10	80	320	660°F	Steel Shield	DGBB-CSL	0.42
UTRY-2.00-XHT	70	520	10	80	320	660°F	Steel Shield	DGBB-CSL	0.65
UTRY-2.50-XHT	140	1,020	20	160	480	660°F	Steel Shield	DGBB-CSL	1.19
UTRY-3.50A-XHT	230	2,070	40	310	310	660°F	Steel Shield	DGBB-CSL	3.30
UTRY-3.50-XHT	680	9,000	480	6,360	160	660°F	Steel Shield	TRB-CSL	3.50
UTRY-4.50A-XHT	250	2,230	40	340	280	660°F	Steel Shield	DGBB-CSL	7.93
UTRY-4.50-XHT	700	12,240	400	6,970	140	660°F	Steel Shield	TRB-CSL	8.34





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

CIR-XHT – HIGH TEMP. +660°F

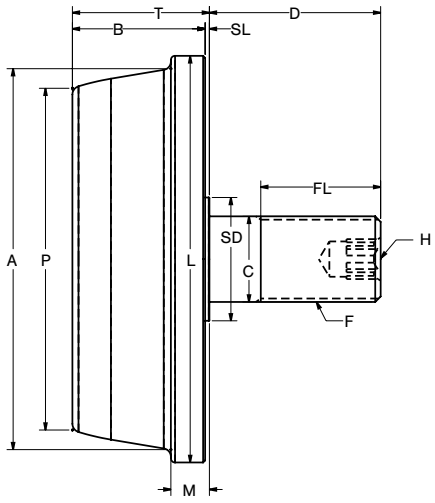
Channel & I-Beam – Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	P	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width		Dia.	Len.	Len. + Roller Width
CIR-3.00-XHT	2.56	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.94	0.31	2.23	0.8	0.06	1.19
CIR-3.00E-XHT	2.56	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.62	2.17	1.0	0.06	1.69
CIR-3.00-1-XHT	2.50	1.63	1.000	2.25	1 - 14	1.50	3/8	2.94	0.50	2.06	1.2	0.06	1.69
CIR-4.00-XHT	3.56	1.63	0.875	2.00	7/8 - 14	1.13	5/16	3.94	0.53	3.14	1.0	0.06	1.69
CIR-4.00E-XHT	3.56	1.63	1.000	2.25	1 - 14	1.50	3/8	3.94	0.53	3.14	1.2	0.06	1.69
CIR-5.00-XHT	4.56	1.63	1.000	2.25	1 - 14	1.50	3/8	4.94	0.50	4.13	1.2	0.06	1.69
CIR-5.00E-XHT	4.56	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.94	0.69	4.05	1.8	0.06	2.00
CIR-5.00E-1-XHT	4.00	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	3.31	1.8	0.06	2.00
CIR-6.00-XHT	5.56	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	5.94	0.56	4.99	1.8	0.06	2.00







PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIR-3.00-XHT	3" & UP
CIR-3.00E-XHT	3" & UP
CIR-3.00-1-XHT	3" & UP
CIR-4.00-XHT	4" & UP
CIR-4.00E-XHT	4" & UP
CIR-5.00-XHT	5" & UP
CIR-5.00E-XHT	5" & UP
CIR-5.00E-1-XHT	5" & UP
CIR-6.00-XHT	6" & UP

Solutions Through Innovation

CIR-XHT – HIGH TEMP. +660°F

Channel & I-Beam – Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIR-3.00-XHT	100	630	20	100	680	1,240	550	350	660°F	Steel Shield	DGBB-CSL	1.64
CIR-3.00E-XHT	140	970	20	150	530	2,780	900	650	660°F	Steel Shield	DGBB-CSL	2.40
CIR-3.00-1-XHT	140	1,020	20	160	480	4,760	1,340	650	660°F	Steel Shield	DGBB-CSL	2.37
CIR-4.00-XHT	140	970	20	150	530	2,950	900	650	660°F	Steel Shield	DGBB-CSL	4.64
CIR-4.00E-XHT	210	1,580	30	240	390	6,450	1,340	650	660°F	Steel Shield	DGBB-CSL	4.65
CIR-5.00-XHT	210	1,580	30	240	390	6,280	1,340	650	660°F	Steel Shield	DGBB-CSL	7.58
CIR-5.00E-XHT	680	9,000	480	6,360	160	10,400	-	1,500	660°F	Steel Shield	TRB-CSL	9.24
CIR-5.00E-1-XHT	680	9,000	480	6,360	160	10,800	-	1,500	660°F	Steel Shield	TRB-CSL	9.24
CIR-6.00-XHT	680	9,000	480	6,360	160	10,930	-	1,500	660°F	Steel Shield	TRB-CSL	13.40





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

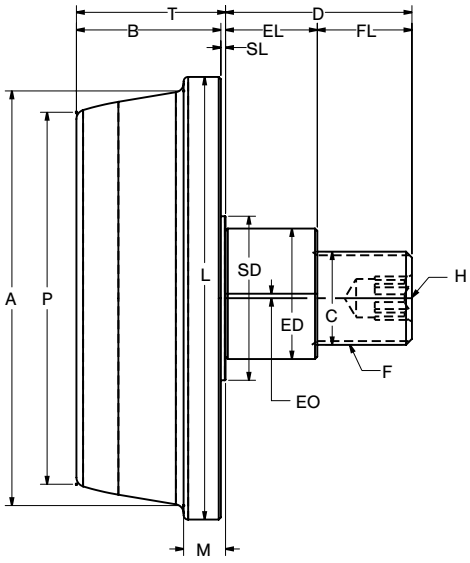
CIRE-XHT – HIGH TEMP. +660°F

Channel & I-Beam – Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width		Dia.	Len.	Len. + Roller Width
CIRE-3.00-XHT	2.56	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.94	0.31	2.23	1.1	0.06	1.19
CIRE-3.00E-XHT	2.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.62	2.17	1.5	0.06	1.69
CIRE-3.00-1-XHT	2.50	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	2.94	0.50	2.06	1.7	0.06	1.69
CIRE-4.00-XHT	3.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	3.94	0.53	3.14	1.5	0.06	1.69
CIRE-4.00E-XHT	3.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.94	0.53	3.14	1.7	0.06	1.69
CIRE-5.00-XHT	4.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	4.94	0.50	4.13	1.7	0.06	1.69
CIRE-5.00E-XHT	4.56	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.94	0.69	4.05	2.2	0.06	2.00
CIRE-5.00E-1-XHT	4.00	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	3.31	2.2	0.06	2.00
CIRE-6.00-XHT	5.56	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	5.94	0.56	4.99	2.2	0.06	2.00





PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIRE-3.00-XHT	3" & UP
CIRE-3.00E-XHT	3" & UP
CIRE-3.00-1-XHT	3" & UP
CIRE-4.00-XHT	4" & UP
CIRE-4.00E-XHT	4" & UP
CIRE-5.00-XHT	5" & UP
CIRE-5.00E-XHT	5" & UP
CIRE-5.00E-1-XHT	5" & UP
CIRE-6.00-XHT	6" & UP

Solutions Through Innovation

CIRE-XHT – HIGH TEMP. +660°F

Channel & I-Beam – Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Maximum Temp. Continuous	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIRE-3.00-XHT	100	630	20	100	680	1,240	550	650	660°F	Steel Shield	DGBB-CSL	1.66
CIRE-3.00E-XHT	140	970	20	150	530	2,780	900	900	660°F	Steel Shield	DGBB-CSL	2.59
CIRE-3.00-1-XHT	140	1,020	20	160	480	4,760	1,340	900	660°F	Steel Shield	DGBB-CSL	2.59
CIRE-4.00-XHT	140	970	20	150	530	2,950	900	900	660°F	Steel Shield	DGBB-CSL	4.86
CIRE-4.00E-XHT	210	1,580	30	240	390	7,240	1,340	900	660°F	Steel Shield	DGBB-CSL	4.93
CIRE-5.00-XHT	210	1,580	30	240	390	7,360	1,340	900	660°F	Steel Shield	DGBB-CSL	7.85
CIRE-5.00E-XHT	680	9,000	480	6,360	160	12,080	-	1,500	660°F	Steel Shield	TRB-CSL	9.71
CIRE-5.00E-1-XHT	680	9,000	480	6,360	160	12,620	-	1,500	660°F	Steel Shield	TRB-CSL	9.71
CIRE-6.00-XHT	680	9,000	480	6,360	160	12,790	-	1,500	660°F	Steel Shield	TRB-CSL	13.46





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
Steel Shield

BEARING TYPES:
DGBB-CSL: Deep Groove Ball Bearings – Cobra Solid Lubricant
TRB-CSL: Taper Roller Bearing - Cobra Solid Lubricant

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: +350° to +660°F
High and Low temperature options are available.

Specifications subject to change without notice.

EXTREME DUTY SOLUTIONS

XR Rollers and Track Rollers Options
High Temperature – Class X

∞ | *Infinity Roller™ Technology*

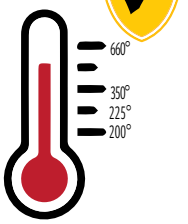
WHY USE PCI HIGH TEMPERATURE CLASS X ROLLERS?

PCI's dedication to creating a solution for every application drives our Class X product offering. The materials, construction and features of a Class X Roller are custom designed every time to meet the individual needs of your unique application.

PCI hasn't already designed your solution, ask for a Class X!

TEMPERATURE RESISTANCE

- PRODUCT KNOWLEDGE
- APPLICATION ASSISTANCE
- QUICKEST DELIVERY
- EXPEDITE OPTIONS



Solutions Through Innovation!





PRECISION DEEP GROOVE BALL BEARINGS perform under high speeds and light to moderate combination loads.

MATCHED SET OF TAPERED ROLLER BEARINGS ensure maximum thrust load paired with moderate radial load capacity in a precision bearing package.

CUSTOM DESIGNED PRECISION ROLLER BODY maintains the integrity of the assembly in a variety of materials.

TIGHT FIT STAINLESS STEEL DUST COVER* adds protection against direct spray and contamination.

**Features dependent on size and Type of unit. See specifications for details.*

SEALS OR SHIELDS TO MEET YOUR NEEDS maximum protection of the bearing elements from external contamination.

PREMIUM SYNTHETIC HIGH TEMP LUBRICANT available in food grade options.

EASY INSTALLATION SLIP FIT BORE OR OPTIONS FOR HIGH STRENGTH CARBON STEEL OR STAINLESS STUD provide dependable performance under load to meet your application needs.

EXTREME DUTY SOLUTIONS

XR Rollers and Track Rollers Options
Low Temperature – Class X

∞ | *Infinity Roller™ Technology*

Solutions Through Innovation

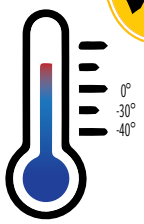
WHY USE PCI LOW TEMPERATURE CLASS X ROLLERS?

PCI's dedication to creating a solution for every application drives our Class X product offering. The materials, construction and features of a Class X Roller are custom designed every time to meet the individual needs of your unique application.

PCI hasn't already designed your solution, ask for a Class X!

TEMPERATURE RESISTANCE

- PRODUCT KNOWLEDGE
- APPLICATION ASSISTANCE
- QUICKEST DELIVERY
- EXPEDITE OPTIONS



Solutions Through Innovation!





PRECISION DEEP GROOVE BALL BEARINGS perform under high speeds and light to moderate combination loads.

MATCHED SET OF TAPERED ROLLER BEARINGS ensure maximum thrust load paired with moderate radial load capacity in a precision bearing package.

CUSTOM DESIGNED PRECISION ROLLER BODY maintains the integrity of the assembly in a variety of materials.

TIGHT FIT STAINLESS STEEL DUST COVER* adds protection against direct spray and contamination.

**Features dependent on size and Type of unit. See specifications for details.*

SEALS TO MEET YOUR NEEDS maximum protection of the bearing elements from external contamination.

PREMIUM SYNTHETIC LOW TEMP LUBRICANT available in food grade options.

EASY INSTALLATION SLIP FIT BORE OR OPTIONS FOR HIGH STRENGTH CARBON STEEL OR STAINLESS STUD provide dependable performance under load to meet your application needs.

CARBON STEEL VS. STAINLESS STEEL

Carbon steel Load Bearing Roller Assembly (LBRA) products are well suited for applications that require a combination of high strength and wear resistance due to the favorable yield strength and hardness characteristics of carbon steel. However, when anti-corrosion is desired in the application, choices remain limited for achieving an optimum combination of corrosion resistance, strength, wear life and cost. Choosing the right LBRA is essential to maintaining efficiency and reducing long-term operational costs for a balanced stainless-steel design.



CORROSIVE ENVIRONMENTS

Stainless steel is generally a non-magnetic, corrosion and heat resistant iron-based alloy that does not rust, corrode or stain easily. Traditional stainless steel products either offer an elevated level of corrosion resistance at the expense of component strength or they sacrifice stainless properties to offer additional wear life and strength.



PREMATURE WEAR

Acting as the contact surface for the assembly, the outer circumference of the roller body surface is another key contributor to the longevity and performance of an LBRA. Without the appropriate material to protect the integrity of components, over time, this leads to equipment breakdowns, frequent repairs, and costly downtime.



STUD CAPACITY LIMITATIONS

The limiting factor for most stainless steel LBRA is stud capacity. While there are many materials that offer elevated levels of corrosion resistance, very few of them couple this characteristic with an adequate yield strength.

APPLICATION ASSISTANCE

To assist customers with their unique application, our staff engages in the specific details, evaluates, and provides analysis of failure modes, wear patterns and costs associated with routine maintenance, replacement cycles and performance. Our industry knowledge, coupled with our desire to help craft the most viable options, drive PCI to provide Solutions Through Innovation. PCI Engineers recognize that other manufacture's one size fits all mentality does not make the cut when it comes to customer's specific and unique applications. PCI utilizes decades of real world experience, to provide in house test facilities, load calculation assistance, and track capacity determination for applications, regardless of body and track profile. Customer satisfaction motivates us to continue to design and innovate with excellence.



EXTREME DUTY SOLUTIONS

CORROSIVE APPLICATIONS

The Solution

∞ | *Infinity Roller™ Technology*

PCI has developed innovative Load Bearing Roller Assembly (LBRA) solutions for more than 40 years. An integral part of our success has been our commitment to understanding the ever-changing needs of our valued customers and developing solutions that turn application hurdles into success stories. Our constant drive to provide Solutions Through Innovation has fueled the development of our Extreme Duty Solutions. PCI stainless steel options are designed to elevate levels of corrosion and wear resistance, as well as strength and load carrying capabilities while keeping your budget in mind.
To meet the demands of corrosive applications, contact PCI Customer Service.

STAINLESS STEEL (SS-316) SERIES

PCI SS-316 Series utilizes 316 stainless steel materials for the exposed surfaces of these rollers. Most stainless load bearing roller products utilize 400 series stainless steel for the same surfaces. 316 Stainless has nearly 40% greater resistance to pitting corrosion than competitive designs with dependable performance under load. If corrosion resistance is your goal, PCI SS-316 Stainless Steel Rollers are your engineered solution.

STAINLESS STEEL PLUS (SSP) SERIES

PCI Stainless Steel PLUS (SSP) series roller bodies are manufactured with 440c stainless steel materials PLUS proprietary heat treatment. The studs utilized in PCI SSP rollers are manufactured from 2205 duplex stainless steel to increase the load capacity of this critical component. The SSP line offers increased corrosion resistance backed by materials that maximize strength and wear resistance. If superior load capacity while maintaining corrosion resistance is your goal, PCI Stainless Steel PLUS series rollers are your engineered solution.

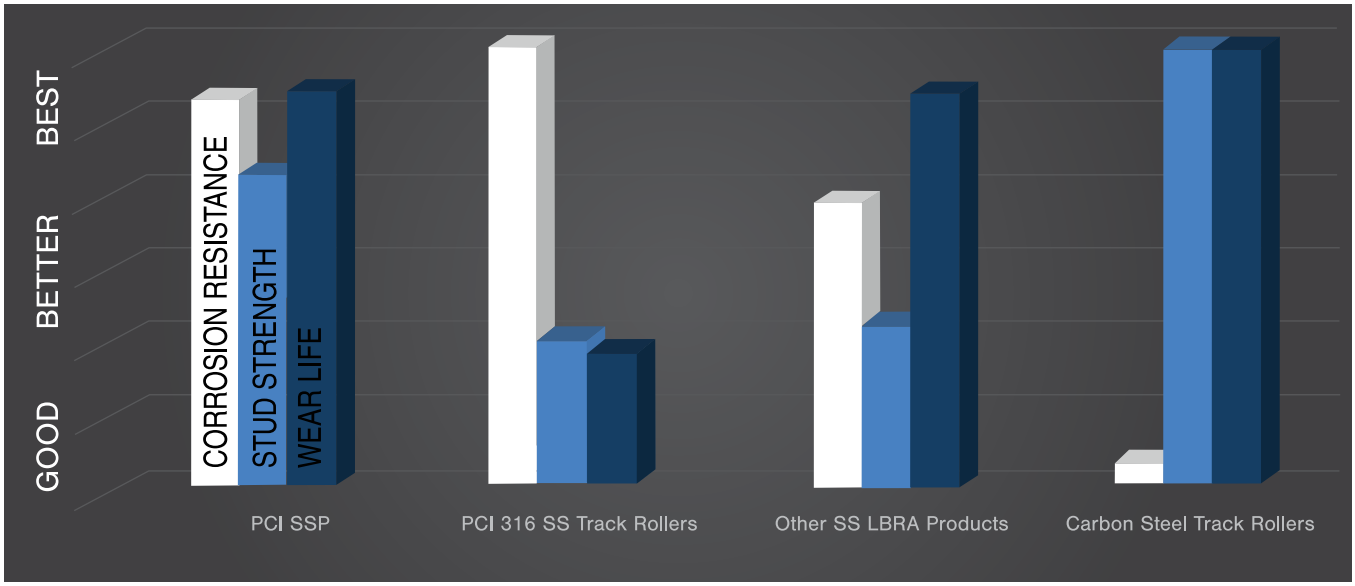


*Chart values are based on average PREN, tensile and yield strength values for the assembly.

HOW DO PCI ROLLERS DEFEND AGAINST CORROSIVE ENVIRONMENTS?

PCI conducted a salt spray test to assess the corrosion resistance of various materials by subjecting rollers to a 5% salt brine composed of 99.99% pure salt and distilled water. The test replicated severe corrosive environments to identify material vulnerabilities and predict performance under real-world conditions using an American Society for Testing and Materials (ASTM) standard B117. The test was carried out using a specialized chamber maintaining a constant temperature of 95°F (35°C), while a solution of sodium chloride (NaCl) was atomized to generate a fine mist to ensure uniformity. All rollers underwent inspection and documentation at 24, 96 and 168 hour intervals.



Carbon Steel Rollers after 96 hours



SSP Rollers after 96 hours



SS-316 Rollers after 96 hours



Carbon Steel Rollers after 168 hours



SSP Rollers after 168 hours



SS-316 Rollers after 168 hours

HOW DO PCI ROLLERS RESIST PREMATURE WEAR?

PCI conducted a simulated Wear Resistance test to determine how different materials react over time and use. Three rollers of the same size operated for the same duration under identical conditions. Each roller was rolled against a hardened carbon steel wheel, rotating at 150 RPM, with a 100 lbf radial load for 35 minutes equivalent to approximately one mile (5,280 feet) of travel. The tread diameter of each roller was measured before and after the test. Both the Carbon Steel and Stainless Steel Plus rollers showed no change, while the Stainless Steel roller experienced a reduction of 0.0002”-0.0003” in tread diameter.



8620 Carbon Steel (PTR-2.50)



440c Plus Stainless Steel (PTR-2.50-SSP)



316 Stainless Steel (PTR-2.50-SS)

Intentional Blank Page

Solutions Through Innovation

EXTREME DUTY SOLUTIONS

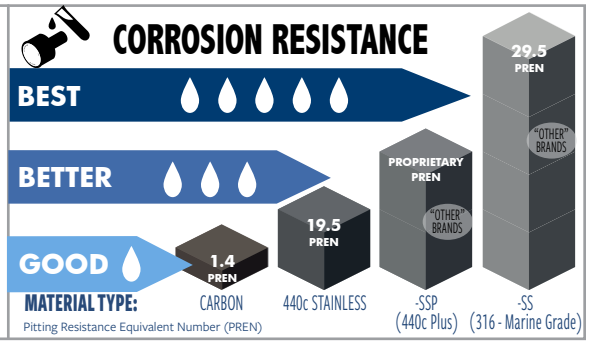
XR Rollers and Track Rollers Options
Stainless Steel - SS-316

∞ | *Infinity Roller™ Technology*

WHY USE PCI 316 STAINLESS STEEL ROLLERS?

PCI utilizes 316 Stainless Steel materials for the exposed surfaces of this series. Most stainless cam follower products utilize 400 series stainless steel for the same surfaces. 316 Stainless has nearly 40% greater resistance to pitting corrosion than 400 series grades.

If corrosion resistance is your goal, PCI 316 Stainless Steel Track Rollers & XR Rollers are your engineered solution.







440 STAINLESS STEEL PRECISION DEEP GROOVE BALL BEARINGS optimize balance of corrosion resistance and dynamic load capacity.

MATCHED SET OF TAPERED ROLLER BEARINGS ensure maximum thrust load paired with moderate radial load capacity in a precision bearing package.

316 STAINLESS STEEL PRECISION ROLLER BODY
is maximum corrosion resistant and added protection against direct spray and contamination.

TIGHT FIT STAINLESS STEEL DUST COVER*
adds protection against direct spray and contamination.

**Features dependent on size and Type of unit. See specifications for details.*

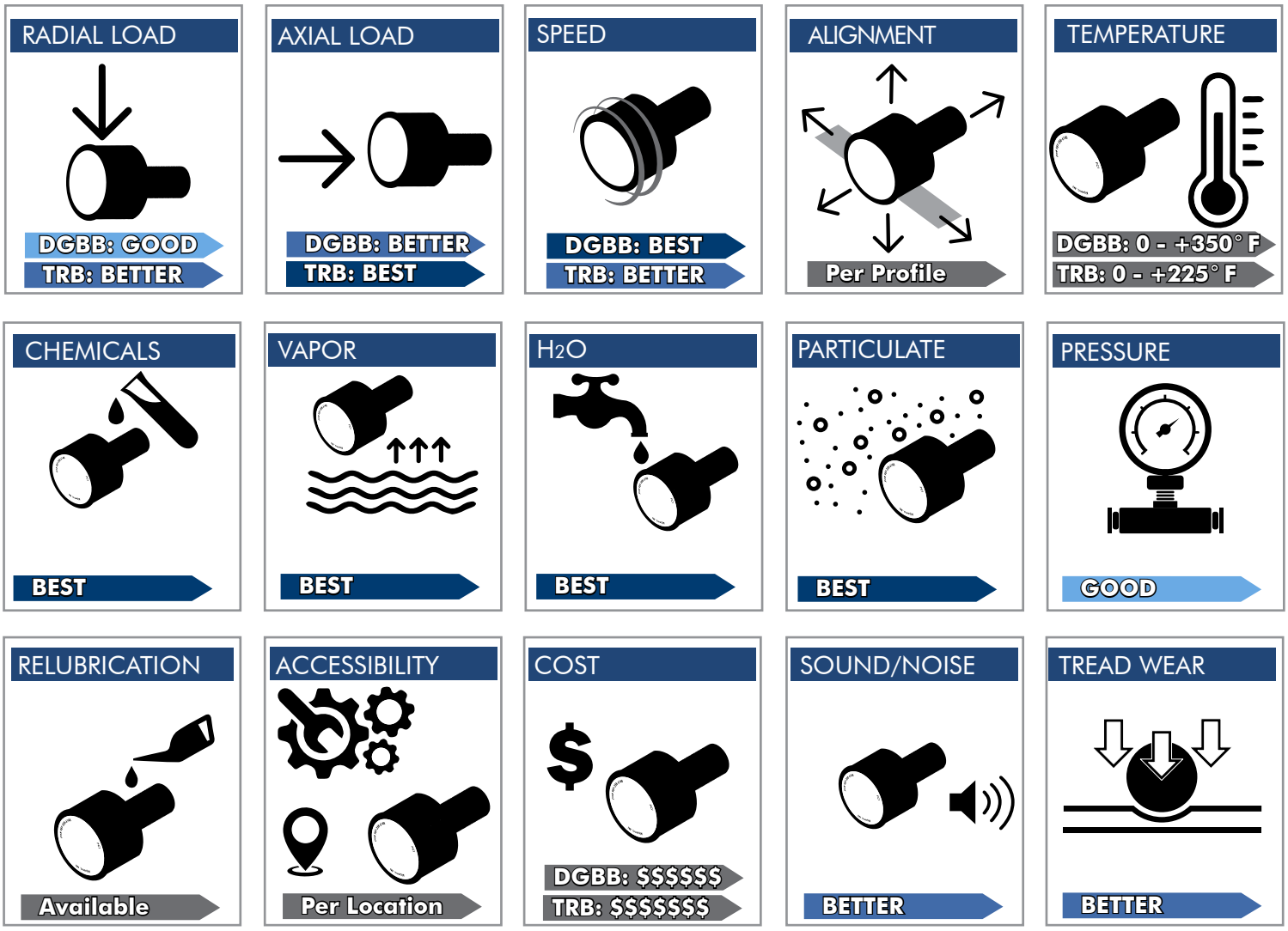
FLUOROCARBON RUBBER LIP SEALS
maximize protection of the bearing elements from high heat, chemicals and external contamination.

PREMIUM SYNTHETIC FOOD GRADE LUBRICANT
is resistant to chemicals and wash-out.

316 STAINLESS STEEL STUD OR EASY INSTALLATION SLIP FIT BORE
is strong stainless material providing dependable performance under load.

TECHNICAL ASSISTANCE AND PRODUCT SELECTION

Application factors greatly impact proper selection and functionality of your load bearing roller assembly. If selection is conducted in haste, a load bearing roller assembly may be inadequately selected, leading to premature failure and costly downtime. This dashboard indicator will help you determine which PCI Load Bearing Roller Assembly is right for your unique application.



Dashboard Indicating Color Scale

= informational only

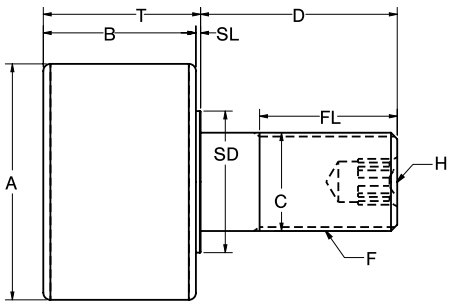
PTR-SS – STAINLESS – 316

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Lens + Roller Width
PTR-1.00-SS	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
PTR-1.125-SS	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
PTR-1.25-SS	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
PTR-1.375-SS	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
PTR-1.50-SS	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	0.8	0.06	1.19
PTR-1.75-SS	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.06	1.19
PTR-2.00-SS	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
PTR-2.25-SS	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
PTR-2.50-SS	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
PTR-2.50E-SS	2.500	1.75	1.000	2.25	1 - 14	1.50	1/2	1.3	0.06	1.81
PTR-2.75-SS	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
PTR-2.75E-SS	2.750	1.75	1.000	2.25	1 - 14	1.50	1/2	1.3	0.06	1.81
PTR-3.00A-SS	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-3.00-SS	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-3.25A-SS	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-3.25-SS	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-3.50A-SS	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-3.50-SS	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-4.00A-SS	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-4.00-SS	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-4.50-SS	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-5.00-SS	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	3.0	0.06	3.00
PTR-6.00-SS	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00
PTR-7.00-SS	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00
PTR-8.00-SS	8.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00





PTR-SS – STAINLESS – 316

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-Lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (Lbs)
PTR-1.00-SS	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.17
PTR-1.125-SS	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.22
PTR-1.25-SS	740	370	190	100	19,000	320	470	50	PFC Lip	DGBB-SS	0.30
PTR-1.375-SS	740	370	190	100	19,000	320	470	50	PFC Lip	DGBB-SS	0.36
PTR-1.50-SS	2,090	1,350	530	340	17,000	570	550	180	PFC Lip	DGBB-SS	0.56
PTR-1.75-SS	2,090	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	0.86
PTR-2.00-SS	2,940	2,140	740	540	12,000	1,530	900	350	PFC Lip	DGBB-SS	1.39
PTR-2.25-SS	2,940	2,140	740	540	12,000	1,530	900	350	PFC Lip	DGBB-SS	1.86
PTR-2.50-SS	4,270	3,440	1,070	860	8,500	2,950	1,340	350	PFC Lip	DGBB-SS	2.34
PTR-2.50E-SS	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	2.48
PTR-2.75-SS	4,270	3,440	1,070	860	8,500	2,950	1,340	350	PFC Lip	DGBB-SS	2.82
PTR-2.75E-SS	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	3.00
PTR-3.00A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	3.99
PTR-3.00-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	4.15
PTR-3.25A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	4.65
PTR-3.25-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	4.84
PTR-3.50A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	5.48
PTR-3.50-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.67
PTR-4.00A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	7.13
PTR-4.00-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	7.33
PTR-4.50-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	9.22
PTR-5.00-SS	38,060	58,400	14,350	37,660	1,550	13,510	-	1,500	NBR Dual Lip	PREMIUM TRB	18.81
PTR-6.00-SS	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	29.03
PTR-7.00-SS	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	36.28
PTR-8.00-SS	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	47.34





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

PTR-SS-R – STAINLESS – 316

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Bearings - Regreasable

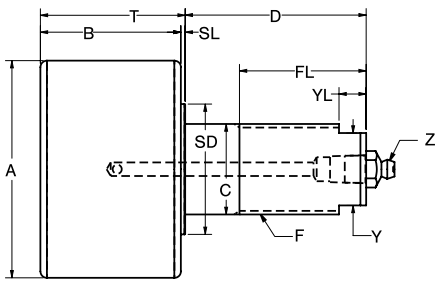
∞ Infinity Roller™ Technology

Solutions Through Innovation

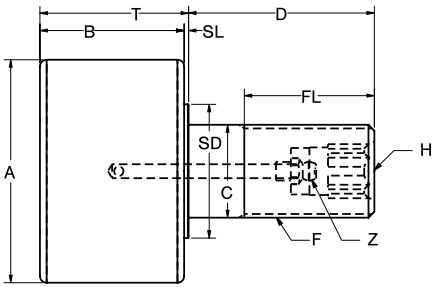
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width	Wrench Flat	Len.	
PTR-1.00-SS-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	0.5	0.03	0.78	0.312	0.250	1/8 Drive
PTR-1.125-SS-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	0.5	0.03	0.78	0.312	0.250	1/8 Drive
PTR-1.25-SS-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	0.6	0.03	0.84	0.375	0.250	1/8 Drive
PTR-1.375-SS-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	0.6	0.03	0.84	0.375	0.250	1/8 Drive
PTR-1.50-SS-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
PTR-1.75-SS-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	0.9	0.06	1.19	0.625	0.375	1/8-27 NPT
PTR-2.00-SS-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
PTR-2.25-SS-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
PTR-2.50-SS-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
PTR-2.50E-SS-R	2.500	1.75	1.000	2.25	1 - 14	1.50	-	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
PTR-2.75-SS-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
PTR-2.75E-SS-R	2.750	1.75	1.000	2.25	1 - 14	1.50	-	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
PTR-3.00A-SS-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF
PTR-3.00-SS-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	1.8	0.06	2.00	-	-	1/4-28 UNF
PTR-3.25A-SS-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF
PTR-3.25-SS-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	1.8	0.06	2.00	-	-	1/4-28 UNF
PTR-3.50A-SS-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF
PTR-3.50-SS-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	1.8	0.06	2.00	-	-	1/4-28 UNF
PTR-4.00A-SS-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF
PTR-4.00-SS-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	1.8	0.06	2.00	-	-	1/4-28 UNF
PTR-4.50-SS-R	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00	-	-	1/4-28 UNF
PTR-5.00-SS-R	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	3.0	0.06	3.00	-	-	1/4-28 UNF
PTR-6.00-SS-R	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00	-	-	1/4-28 UNF
PTR-7.00-SS-R	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00	-	-	1/4-28 UNF
PTR-8.00-SS-R	8.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00	-	-	1/4-28 UNF



THROUGH 2.75-R



3.00 ROLLER DIA. AND LARGER



PTR-SS-R – STAINLESS – 316

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-Lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (Lbs)
PTR-1.00-SS-R	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.17
PTR-1.125-SS-R	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.22
PTR-1.25-SS-R	740	370	190	100	19,000	320	470	50	PFC Lip	DGBB-SS	0.30
PTR-1.375-SS-R	740	370	190	100	19,000	320	470	50	PFC Lip	DGBB-SS	0.36
PTR-1.50-SS-R	2,090	1,350	530	340	17,000	570	550	180	PFC Lip	DGBB-SS	0.56
PTR-1.75-SS-R	2,090	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	0.86
PTR-2.00-SS-R	2,940	2,140	740	540	12,000	1,530	900	350	PFC Lip	DGBB-SS	1.39
PTR-2.25-SS-R	2,940	2,140	740	540	12,000	1,530	900	350	PFC Lip	DGBB-SS	1.86
PTR-2.50-SS-R	4,270	3,440	1,070	860	8,500	2,950	1,340	350	PFC Lip	DGBB-SS	2.34
PTR-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	2.48
PTR-2.75-SS-R	4,270	3,440	1,070	860	8,500	2,950	1,340	350	PFC Lip	DGBB-SS	2.82
PTR-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	3.00
PTR-3.00A-SS-R	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	3.99
PTR-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	4.15
PTR-3.25A-SS-R	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	4.65
PTR-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	4.84
PTR-3.50A-SS-R	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	5.48
PTR-3.50-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.67
PTR-4.00A-SS-R	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	7.13
PTR-4.00-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	7.33
PTR-4.50-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	9.22
PTR-5.00-SS-R	38,060	58,400	14,350	37,660	1,550	13,510	-	1,500	NBR Dual Lip	PREMIUM TRB	18.81
PTR-6.00-SS-R	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	29.03
PTR-7.00-SS-R	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	36.28
PTR-8.00-SS-R	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	47.34





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

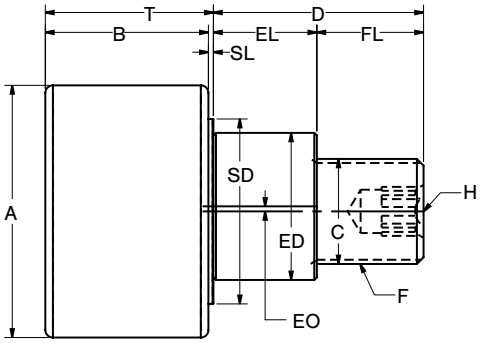
PTRE-SS – STAINLESS – 316

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
PTRE-1.00-SS	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
PTRE-1.125-SS	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
PTRE-1.25-SS	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
PTRE-1.375-SS	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
PTRE-1.50-SS	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	1.1	0.06	1.19
PTRE-1.75-SS	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	1.3	0.06	1.19
PTRE-2.00-SS	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
PTRE-2.25-SS	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
PTRE-2.50-SS	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
PTRE-2.50E-SS	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	1.7	0.06	1.81
PTRE-2.75-SS	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
PTRE-2.75E-SS	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	1.7	0.06	1.81
PTRE-3.00A-SS	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.00-SS	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.25A-SS	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.25-SS	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.50A-SS	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-3.50-SS	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-4.00A-SS	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-4.00-SS	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-5.00-SS	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	3.3	0.06	3.00
PTRE-6.00-SS	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	3.6	0.06	3.00





PTRE-SS – STAINLESS – 316

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRE-1.00-SS	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.20
PTRE-1.125-SS	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.24
PTRE-1.25-SS	740	370	190	100	19,000	340	470	100	PFC Lip	DGBB-SS	0.32
PTRE-1.375-SS	740	370	190	100	19,000	340	470	100	PFC Lip	DGBB-SS	0.37
PTRE-1.50-SS	2,090	1,350	530	340	17,000	570	550	350	PFC Lip	DGBB-SS	0.63
PTRE-1.75-SS	2,090	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	0.96
PTRE-2.00-SS	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	1.68
PTRE-2.25-SS	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	2.07
PTRE-2.50-SS	4,270	3,440	1,070	860	8,500	3,480	1,340	350	PFC Lip	DGBB-SS	2.48
PTRE-2.50E-SS	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	2.67
PTRE-2.75-SS	4,270	3,440	1,070	860	8,500	3,480	1,340	350	PFC Lip	DGBB-SS	3.08
PTRE-2.75E-SS	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	3.17
PTRE-3.00A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	4.53
PTRE-3.00-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	4.62
PTRE-3.25A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	5.19
PTRE-3.25-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.31
PTRE-3.50A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	6.10
PTRE-3.50-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
PTRE-4.00A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	7.69
PTRE-4.00-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	7.93
PTRE-5.00-SS	38,060	58,400	14,350	37,660	1,550	13,510	-	1,500	NBR Dual Lip	PREMIUM TRB	20.20
PTRE-6.00-SS	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	31.06





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

PTRE-SS-R – STAINLESS – 316

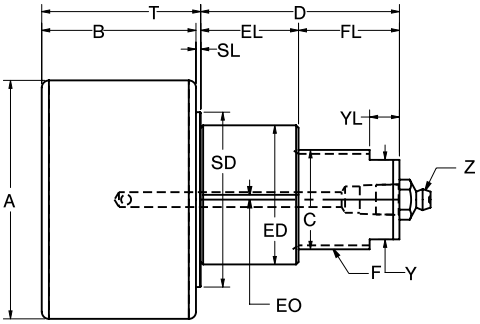
Plain/Cylindrical – Stud Type Concentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

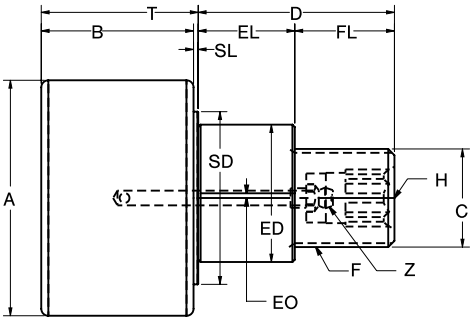
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width	Flat Size	Flat Len.	
PTRE-1.00-SS-R	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	0.7	0.03	0.78	0.312	0.250	1/8 Drive
PTRE-1.125-SS-R	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	0.7	0.03	0.78	0.312	0.250	1/8 Drive
PTRE-1.25-SS-R	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	0.8	0.03	0.84	0.375	0.250	1/8 Drive
PTRE-1.375-SS-R	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	0.8	0.03	0.84	0.375	0.250	1/8 Drive
PTRE-1.50-SS-R	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF
PTRE-1.75-SS-R	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	-	1.3	0.06	1.19	0.625	0.375	1/8-27 NPT
PTRE-2.00-SS-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
PTRE-2.25-SS-R	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
PTRE-2.50-SS-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
PTRE-2.50E-SS-R	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
PTRE-2.75-SS-R	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
PTRE-2.75E-SS-R	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
PTRE-3.00A-SS-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.00-SS-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.25A-SS-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.25-SS-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.50A-SS-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.50-SS-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-4.00A-SS-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-4.00-SS-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-5.00-SS-R	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	3.3	0.06	3.00	-	-	1/4-28 UNF
PTRE-6.00-SS-R	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	3.6	0.06	3.00	-	-	1/4-28 UNF



THROUGH 2.75-R



3.00 ROLLER DIA. AND LARGER



PTRE-SS-R – STAINLESS – 316

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRE-1.00-SS-R	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.20
PTRE-1.125-SS-R	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.24
PTRE-1.25-SS-R	740	370	190	100	19,000	340	470	100	PFC Lip	DGBB-SS	0.32
PTRE-1.375-SS-R	740	370	190	100	19,000	340	470	100	PFC Lip	DGBB-SS	0.37
PTRE-1.50-SS-R	2,090	1,350	530	340	17,000	570	550	350	PFC Lip	DGBB-SS	0.63
PTRE-1.75-SS-R	2,090	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	0.96
PTRE-2.00-SS-R	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	1.68
PTRE-2.25-SS-R	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	2.07
PTRE-2.50-SS-R	4,270	3,440	1,070	860	8,500	3,480	1,340	350	PFC Lip	DGBB-SS	2.48
PTRE-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	2.67
PTRE-2.75-SS-R	4,270	3,440	1,070	860	8,500	3,480	1,340	350	PFC Lip	DGBB-SS	3.08
PTRE-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	3.17
PTRE-3.00A-SS-R	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	4.53
PTRE-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	4.62
PTRE-3.25A-SS-R	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	5.19
PTRE-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.31
PTRE-3.50A-SS-R	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	6.10
PTRE-3.50-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
PTRE-4.00A-SS-R	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	7.69
PTRE-4.00-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	7.93
PTRE-5.00-SS-R	38,060	58,400	14,350	37,660	1,550	13,510	-	1,500	NBR Dual Lip	PREMIUM TRB	20.20
PTRE-6.00-SS-R	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	31.06



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

PTRY-SS – STAINLESS – 316

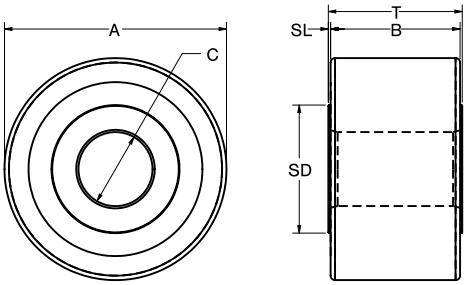
Plain/Cylindrical – Yoke Type
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	SD	SL	T	OPTIONAL PCI YOKE SHAFT	
	ROLLER			SHOULDER				
	Roller Dia. +.000 -.001	Roller Width	Bore Dia. +.0007 -.0000	Dia.	Len.	Inner Race Width +.005 -.010	Concentric Shaft	Eccentric Shaft
PTRY-1.00-SS	1.000	0.63	0.3130	0.6	0.03	0.690	YSH-.312-SS	YSHE-.312-SS
PTRY-1.125-SS	1.125	0.63	0.3130	0.6	0.03	0.690	YSH-.312-SS	YSHE-.312-SS
PTRY-1.25-SS	1.250	0.75	0.3755	0.6	0.03	0.813	YSH-.375-SS	YSHE-.375-SS
PTRY-1.375-SS	1.375	0.75	0.3755	0.6	0.03	0.813	YSH-.375-SS	YSHE-.375-SS
PTRY-1.50-SS	1.500	0.88	0.4380	0.9	0.03	0.937	YSH-.437-SS	YSHE-.437-SS
PTRY-1.75-SS	1.750	1.00	0.5005	0.9	0.03	1.063	YSH-.500-SS	YSHE-.500-SS
PTRY-2.00-SS	2.000	1.25	0.6255	1.1	0.03	1.313	YSH-.625-SS	YSHE-.625-SS
PTRY-2.25-SS	2.250	1.25	0.6255	1.1	0.03	1.313	YSH-.625-SS	YSHE-.625-SS
PTRY-2.50-SS	2.500	1.50	0.7505	1.2	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
PTRY-2.50E-SS	2.500	1.50	0.7505	1.3	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
PTRY-2.75-SS	2.750	1.50	0.7505	1.2	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
PTRY-2.75E-SS	2.750	1.50	0.7505	1.3	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
PTRY-3.00A-SS	3.000	1.75	1.0005	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
PTRY-3.00-SS	3.000	1.75	1.0005	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
PTRY-3.25A-SS	3.250	1.75	1.0005	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
PTRY-3.25-SS	3.250	1.75	1.0005	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
PTRY-3.50A-SS	3.500	2.00	1.1255	2.0	0.03	2.063	YSH-1.125-SS	YSHE-1.125-SS
PTRY-3.50-SS	3.500	2.00	1.1255	2.0	0.03	2.063	YSH-1.125-SS	YSHE-1.125-SS
PTRY-4.00A-SS	4.000	2.25	1.2505	2.0	0.03	2.313	YSH-1.250-SS	YSHE-1.250-SS
PTRY-4.00-SS	4.000	2.25	1.2505	2.0	0.03	2.313	YSH-1.250-SS	YSHE-1.250-SS
PTRY-4.50-SS	4.500	1.75	1.0005	1.7	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
PTRY-5.00-SS	5.000	2.75	1.7508	3.2	0.06	2.875	YSH-1.750-SS	YSHE-1.750-SS
PTRY-6.00-SS	6.000	3.25	2.2508	3.5	0.06	3.375	YSH-2.250-SS	YSHE-2.250-SS
PTRY-7.00-SS	7.000	3.75	2.7508	4.1	0.06	3.875	YSH-2.750-SS	YSHE-2.750-SS
PTRY-8.00-SS	8.000	4.25	3.2560	4.7	0.13	4.500	-	-
PTRY-9.00-SS	9.000	4.75	3.7560	5.3	0.13	5.000	-	-
PTRY-10.00-SS	10.000	5.25	4.2560	6.5	0.13	5.500	-	-







PTRY-SS – STAINLESS – 316

Plain/Cylindrical – Yoke Type
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRY-1.00-SS	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.09
PTRY-1.125-SS	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.13
PTRY-1.25-SS	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.18
PTRY-1.375-SS	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.23
PTRY-1.50-SS	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.31
PTRY-1.75-SS	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.51
PTRY-2.00-SS	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	0.82
PTRY-2.25-SS	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.10
PTRY-2.50-SS	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	1.59
PTRY-2.50E-SS	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.62
PTRY-2.75-SS	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.03
PTRY-2.75E-SS	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.06
PTRY-3.00A-SS	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	2.47
PTRY-3.00-SS	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	2.67
PTRY-3.25A-SS	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.09
PTRY-3.25-SS	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.29
PTRY-3.50A-SS	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	4.00
PTRY-3.50-SS	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	4.37
PTRY-4.00A-SS	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	6.36
PTRY-4.00-SS	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	6.77
PTRY-4.50-SS	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	6.91
PTRY-5.00-SS	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	12.55
PTRY-6.00-SS	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	19.77
PTRY-7.00-SS	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	30.29
PTRY-8.00-SS	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	44.84
PTRY-9.00-SS	142,470	167,000	53,600	115,980	760	NBR Lip	PREMIUM TRB	62.76
PTRY-10.00-SS	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	84.24





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

PTRY-SS-R – STAINLESS – 316

Plain/Cylindrical – Yoke Type
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

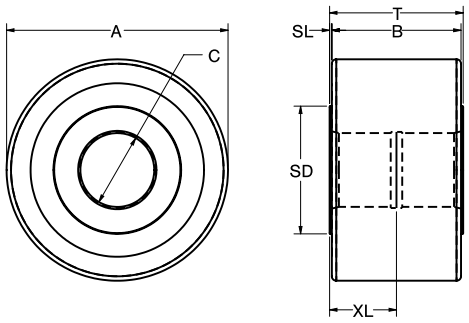
Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	SD	SL	T	XL
	ROLLER			SHOULDER			
	Dia. +.000 -.001	Width	Bore Dia. +.0007 -.0000	Dia.	Len.	Inner Race Width +.005 -.010	Grease Groove Location
PTRY-1.00-SS-R	1.000	0.63	0.3130	0.6	0.03	0.688	0.34
PTRY-1.125-SS-R	1.125	0.63	0.3130	0.6	0.03	0.688	0.34
PTRY-1.25-SS-R	1.250	0.75	0.3755	0.6	0.03	0.813	0.41
PTRY-1.375-SS-R	1.375	0.75	0.3755	0.6	0.03	0.813	0.41
PTRY-1.50-SS-R	1.500	0.88	0.4380	0.9	0.03	0.937	0.47
PTRY-1.75-SS-R	1.750	1.00	0.5005	0.9	0.03	1.063	0.53
PTRY-2.00-SS-R	2.000	1.25	0.6255	1.1	0.03	1.313	0.66
PTRY-2.25-SS-R	2.250	1.25	0.6255	1.1	0.03	1.313	0.66
PTRY-2.50-SS-R	2.500	1.50	0.7505	1.2	0.03	1.563	0.78
PTRY-2.50E-SS-R	2.500	1.50	0.7505	1.3	0.03	1.563	0.78
PTRY-2.75-SS-R	2.750	1.50	0.7505	1.2	0.03	1.563	0.78
PTRY-2.75E-SS-R	2.750	1.50	0.7505	1.3	0.03	1.563	0.78
PTRY-3.00A-SS-R	3.000	1.75	1.0005	1.8	0.03	1.813	0.91
PTRY-3.00-SS-R	3.000	1.75	1.0005	1.8	0.03	1.813	0.91
PTRY-3.25A-SS-R	3.250	1.75	1.0005	1.8	0.03	1.813	0.91
PTRY-3.25-SS-R	3.250	1.75	1.0005	1.8	0.03	1.813	0.91
PTRY-3.50A-SS-R	3.500	2.00	1.1255	2.0	0.03	2.063	1.03
PTRY-3.50-SS-R	3.500	2.00	1.1255	2.0	0.03	2.063	1.03
PTRY-4.00A-SS-R	4.000	2.25	1.2505	2.0	0.03	2.313	1.16
PTRY-4.00-SS-R	4.000	2.25	1.2505	2.0	0.03	2.313	1.16
PTRY-4.50-SS-R	4.500	1.75	1.0005	1.7	0.03	1.813	0.91
PTRY-5.00-SS-R	5.000	2.75	1.7508	3.2	0.06	2.875	1.44
PTRY-6.00-SS-R	6.000	3.25	2.2508	3.5	0.06	3.375	1.69
PTRY-7.00-SS-R	7.000	3.75	2.7508	4.1	0.06	3.875	1.94
PTRY-8.00-SS-R	8.000	4.25	3.2560	4.7	0.13	4.500	2.25
PTRY-9.00-SS-R	9.000	4.75	3.7560	5.3	0.13	5.000	2.50
PTRY-10.00-SS-R	10.000	5.25	4.2560	6.5	0.13	5.500	2.75

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312-SS-R	YSHE-.312-SS-R
YSH-.312-SS-R	YSHE-.312-SS-R
YSH-.375-SS-R	YSHE-.375-SS-R
YSH-.375-SS-R	YSHE-.375-SS-R
YSH-.437-SS-R	YSHE-.437-SS-R
YSH-.500-SS-R	YSHE-.500-SS-R
YSH-.625-SS-R	YSHE-.625-SS-R
YSH-.625-SS-R	YSHE-.625-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.125-SS-R	YSHE-1.125-SS-R
YSH-1.125-SS-R	YSHE-1.125-SS-R
YSH-1.250-SS-R	YSHE-1.250-SS-R
YSH-1.250-SS-R	YSHE-1.250-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.750-SS-R	YSHE-1.750-SS-R
YSH-2.250-SS-R	YSHE-2.250-SS-R
YSH-2.750-SS-R	YSHE-2.750-SS-R
-	-
-	-
-	-







PTRY-SS-R – STAINLESS – 316

Plain/Cylindrical – Yoke Type
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Static Load Rating (lbs) C	Basic Radial Static Load Rating (lbs) Co	Thrust Dynamic Load Rating (lbs)	Thrust Static Load Rating (lbs)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRY-1.00-SS-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.09
PTRY-1.125-SS-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.13
PTRY-1.25-SS-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.18
PTRY-1.375-SS-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.23
PTRY-1.50-SS-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.31
PTRY-1.75-SS-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.51
PTRY-2.00-SS-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	0.82
PTRY-2.25-SS-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.10
PTRY-2.50-SS-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	1.59
PTRY-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.62
PTRY-2.75-SS-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.03
PTRY-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.06
PTRY-3.00A-SS-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	2.47
PTRY-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	2.67
PTRY-3.25A-SS-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.09
PTRY-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.29
PTRY-3.50A-SS-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	4.00
PTRY-3.50-SS-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	4.37
PTRY-4.00A-SS-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	6.36
PTRY-4.00-SS-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	6.77
PTRY-4.50-SS-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	6.91
PTRY-5.00-SS-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	12.55
PTRY-6.00-SS-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	19.77
PTRY-7.00-SS-R	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	30.29
PTRY-8.00-SS-R	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	44.84
PTRY-9.00-SS-R	142,470	167,000	57,860	115,980	760	NBR Lip	PREMIUM TRB	62.76
PTRY-10.00-SS-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	84.24



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

PXR-SS – STAINLESS – 316

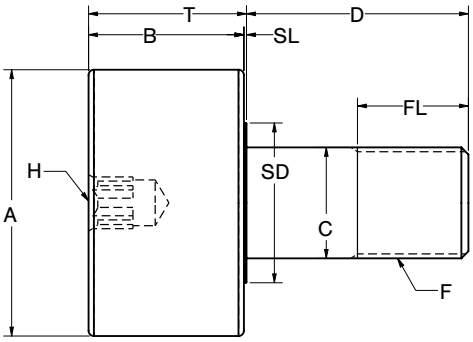
Plain/Cylindrical – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
PXR-1.00-SS	1.000	0.63	0.438	1.00	7/16 - 20	0.50	5/16	0.6	0.03	0.66
PXR-1.125-SS	1.125	0.63	0.438	1.00	7/16 - 20	0.50	5/16	0.6	0.03	0.66
PXR-1.25-SS	1.250	0.75	0.500	1.25	1/2 - 20	0.63	5/16	0.6	0.03	0.78
PXR-1.375-SS	1.375	0.75	0.500	1.25	1/2 - 20	0.63	5/16	0.6	0.03	0.78
PXR-1.50-SS	1.500	0.88	0.625	1.50	5/8 - 18	0.75	5/16	0.8	0.03	0.91
PXR-1.75-SS	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.03	1.03
PXR-2.00-SS	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28
PXR-2.25-SS	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28
PXR-2.50-SS	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-2.50E-SS	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-2.75-SS	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-2.75E-SS	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-3.00A-SS	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78
PXR-3.00-SS	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.8	0.03	1.78
PXR-3.25A-SS	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78
PXR-3.25-SS	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.8	0.03	1.78
PXR-3.50A-SS	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	1.8	0.03	2.03
PXR-3.50-SS	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	2.0	0.03	2.03
PXR-4.00A-SS	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	1.8	0.03	2.28
PXR-4.00-SS	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	2.0	0.03	2.28
PXR-5.00-SS	5.000	2.75	2.000	5.06	2 - 12	2.56	5/8	2.9	0.06	2.81
PXR-6.00-SS	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	5/8	3.3	0.06	3.31
PXR-7.00-SS	7.000	3.75	3.000	7.69	3 - 12	4.13	5/8	4.1	0.06	3.81
PXR-8.00-SS	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	5/8	4.7	0.06	4.31
PXR-9.00-SS	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	5/8	5.3	0.06	4.81
PXR-10.00-SS	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	5/8	6.5	0.13	5.38







PXR-SS – STAINLESS – 316

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXR-1.00-SS	510	360	130	90	20,000	630	470	50	PFC Lip	DGBB-SS	0.14
PXR-1.125-SS	510	360	130	90	20,000	630	470	50	PFC Lip	DGBB-SS	0.19
PXR-1.25-SS	920	660	230	170	20,000	800	470	50	PFC Lip	DGBB-SS	0.26
PXR-1.375-SS	920	660	230	170	20,000	800	470	50	PFC Lip	DGBB-SS	0.31
PXR-1.50-SS	1,450	1,150	370	290	14,000	1,340	910	180	PFC Lip	DGBB-SS	0.45
PXR-1.75-SS	1,450	1,150	370	290	14,000	2,010	910	350	PFC Lip	DGBB-SS	0.75
PXR-2.00-SS	2,940	2,250	740	570	11,000	2,470	1,340	350	PFC Lip	DGBB-SS	1.22
PXR-2.25-SS	2,940	2,250	740	570	11,000	2,470	1,340	350	PFC Lip	DGBB-SS	1.50
PXR-2.50-SS	4,270	3,440	1,070	860	8,500	3,310	1,340	350	PFC Lip	DGBB-SS	2.17
PXR-2.50E-SS	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.24
PXR-2.75-SS	4,270	3,440	1,070	860	8,500	3,310	1,340	350	PFC Lip	DGBB-SS	2.60
PXR-2.75E-SS	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.67
PXR-3.00A-SS	5,030	4,590	1,260	1,150	7,000	5,580	1,950	650	PFC Lip	DGBB-SS	3.56
PXR-3.00-SS	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	3.81
PXR-3.25A-SS	5,030	4,590	1,260	1,150	7,000	5,580	1,950	650	PFC Lip	DGBB-SS	4.31
PXR-3.25-SS	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.41
PXR-3.50A-SS	5,320	5,130	1,330	1,290	6,300	6,520	3,000	650	PFC Lip	DGBB-SS	5.47
PXR-3.50-SS	18,670	27,200	6,210	15,480	2,140	6,520	-	1,500	NBR Dual Lip	PREMIUM TRB	5.93
PXR-4.00A-SS	5,320	5,130	1,330	1,290	6,300	7,550	3,000	650	PFC Lip	DGBB-SS	8.25
PXR-4.00-SS	18,670	27,200	6,210	15,480	2,140	7,550	-	1,500	NBR Dual Lip	PREMIUM TRB	8.90
PXR-5.00-SS	38,060	58,400	14,350	37,660	1,550	14,400	-	1,500	NBR Dual Lip	PREMIUM TRB	18.12
PXR-6.00-SS	37,990	56,200	15,320	38,740	1,250	23,960	-	1,500	NBR Dual Lip	PREMIUM TRB	30.87
PXR-7.00-SS	45,050	79,800	18,750	56,790	1,020	36,050	-	1,500	NBR Lip	PREMIUM TRB	52.15
PXR-8.00-SS	89,040	159,800	42,050	129,030	850	40,590	-	1,500	NBR Lip	PREMIUM TRB	74.27
PXR-9.00-SS	142,470	167,000	57,860	147,000	760	55,950	-	1,500	NBR Lip	PREMIUM TRB	106.53
PXR-10.00-SS	145,100	266,000	66,730	209,180	650	70,450	-	1,500	NBR Lip	PREMIUM TRB	140.43





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

PXR-SS-R – STAINLESS – 316

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Bearings - Regreasable

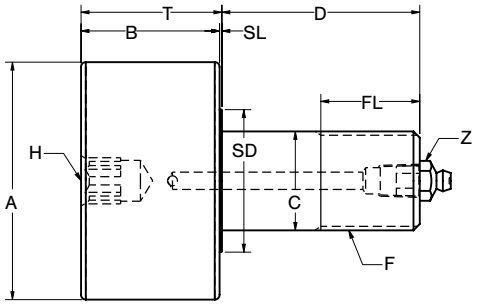
∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T	Z
	ROLLER		STUD		THREAD		Hex Size	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width	
PXR-1.75-SS-R	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.03	1.03	1/8-27 NPT
PXR-2.00-SS-R	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28	1/8-27 NPT
PXR-2.25-SS-R	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28	1/8-27 NPT
PXR-2.50-SS-R	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53	1/8-27 NPT
PXR-2.50E-SS-R	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53	1/8-27 NPT
PXR-2.75-SS-R	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53	1/8-27 NPT
PXR-2.75E-SS-R	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53	1/8-27 NPT
PXR-3.00A-SS-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78	1/8-27 NPT
PXR-3.00-SS-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.8	0.03	1.78	1/8-27 NPT
PXR-3.25A-SS-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78	1/8-27 NPT
PXR-3.25-SS-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.8	0.03	1.78	1/8-27 NPT
PXR-3.50A-SS-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	1.8	0.03	2.03	1/8-27 NPT
PXR-3.50-SS-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	2.0	0.03	2.03	1/8-27 NPT
PXR-4.00A-SS-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	1.8	0.03	2.28	1/8-27 NPT
PXR-4.00-SS-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	2.0	0.03	2.28	1/8-27 NPT
PXR-5.00-SS-R	5.000	2.75	2.000	5.06	2 - 12	2.56	5/8	2.9	0.06	2.81	1/4-28 UNF
PXR-6.00-SS-R	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	5/8	3.3	0.06	3.31	1/4-28 UNF
PXR-7.00-SS-R	7.000	3.75	3.000	7.69	3 - 12	4.13	5/8	4.1	0.06	3.81	1/4-28 UNF
PXR-8.00-SS-R	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	5/8	4.7	0.06	4.31	1/4-28 UNF
PXR-9.00-SS-R	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	5/8	5.3	0.06	4.81	1/4-28 UNF
PXR-10.00-SS-R	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	5/8	6.5	0.13	5.50	1/4-28 UNF

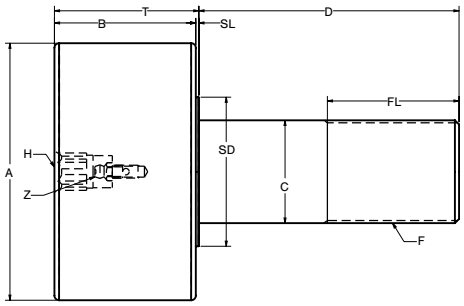




THROUGH 4.00-R



5.00 ROLLER DIA. AND LARGER



Solutions Through Innovation

PXR-SS-R – STAINLESS – 316

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXR-1.75-SS-R	1,450	1,150	370	290	14,000	2,010	910	350	PFC Lip	DGBB-SS	0.75
PXR-2.00-SS-R	2,940	2,250	740	570	11,000	2,470	1,340	350	PFC Lip	DGBB-SS	1.22
PXR-2.25-SS-R	2,940	2,250	740	570	11,000	2,470	1,340	350	PFC Lip	DGBB-SS	1.50
PXR-2.50-SS-R	4,270	3,440	1,070	860	8,500	3,310	1,340	350	PFC Lip	DGBB-SS	2.17
PXR-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.24
PXR-2.75-SS-R	4,270	3,440	1,070	860	8,500	3,310	1,340	350	PFC Lip	DGBB-SS	2.60
PXR-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.67
PXR-3.00A-SS-R	5,030	4,590	1,260	1,150	7,000	5,580	1,950	650	PFC Lip	DGBB-SS	3.56
PXR-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	3.81
PXR-3.25A-SS-R	5,030	4,590	1,260	1,150	7,000	5,580	1,950	650	PFC Lip	DGBB-SS	4.31
PXR-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.41
PXR-3.50A-SS-R	5,320	5,130	1,330	1,290	6,300	6,520	3,000	650	PFC Lip	DGBB-SS	5.47
PXR-3.50-SS-R	18,670	27,200	6,210	15,480	2,140	6,520	-	1,500	NBR Dual Lip	PREMIUM TRB	5.93
PXR-4.00A-SS-R	5,320	5,130	1,330	1,290	6,300	7,550	3,000	650	PFC Lip	DGBB-SS	8.25
PXR-4.00-SS-R	18,670	27,200	6,210	15,480	2,140	7,550	-	1,500	NBR Dual Lip	PREMIUM TRB	8.90
PXR-5.00-SS-R	38,060	58,400	14,350	37,660	1,550	14,400	-	1,500	NBR Dual Lip	PREMIUM TRB	18.12
PXR-6.00-SS-R	37,990	56,200	15,320	38,740	1,250	23,960	-	1,500	NBR Dual Lip	PREMIUM TRB	30.87
PXR-7.00-SS-R	45,050	79,800	18,750	56,790	1,020	36,050	-	1,500	NBR Lip	PREMIUM TRB	52.15
PXR-8.00-SS-R	89,040	159,800	42,050	129,030	850	40,590	-	1,500	NBR Lip	PREMIUM TRB	74.27
PXR-9.00-SS-R	142,470	167,000	57,860	147,000	760	55,950	-	1,500	NBR Lip	PREMIUM TRB	106.53
PXR-10.00-SS-R	145,100	266,000	66,730	209,180	650	70,450	-	1,500	NBR Lip	PREMIUM TRB	140.43





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

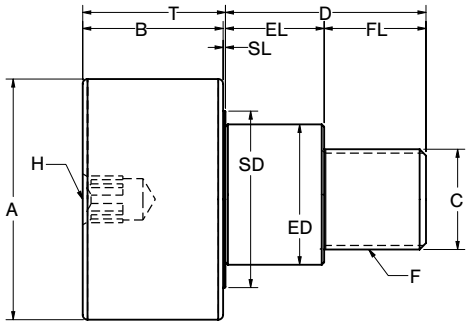
PXRE-SS – STAINLESS – 316

Plain/Cylindrical – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
PXRE-1.00-SS	1.000	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	0.8	0.03	0.66
PXRE-1.125-SS	1.125	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	0.8	0.03	0.66
PXRE-1.25-SS	1.250	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	0.9	0.03	0.78
PXRE-1.375-SS	1.375	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	0.9	0.03	0.78
PXRE-1.50-SS	1.500	0.88	0.625	1.50	0.875	0.75	0.03	5/8 - 18	0.75	5/16	1.0	0.03	0.91
PXRE-1.75-SS	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	1.2	0.03	1.03
PXRE-2.00-SS	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28
PXRE-2.25-SS	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28
PXRE-2.50-SS	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-2.50E-SS	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-2.75-SS	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-2.75E-SS	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-3.00A-SS	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.00-SS	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.25A-SS	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.25-SS	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.50A-SS	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03
PXRE-3.50-SS	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03
PXRE-4.00A-SS	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28
PXRE-4.00-SS	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28





PXRE-SS – STAINLESS – 316

Plain/Cylindrical – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXRE-1.00-SS	510	360	130	90	20,000	1,240	470	100	NBR Lip	DGBB-SS	0.17
PXRE-1.125-SS	510	360	130	90	20,000	1,240	470	100	NBR Lip	DGBB-SS	0.22
PXRE-1.25-SS	920	660	230	170	20,000	1,050	470	100	NBR Lip	DGBB-SS	0.30
PXRE-1.375-SS	920	660	230	170	20,000	1,050	470	100	NBR Lip	DGBB-SS	0.35
PXRE-1.50-SS	1,450	1,150	370	290	14,000	2,550	910	350	PFC Lip	DGBB-SS	0.53
PXRE-1.75-SS	1,450	1,150	370	290	14,000	2,010	910	350	PFC Lip	DGBB-SS	0.84
PXRE-2.00-SS	2,940	2,250	740	570	11,000	2,470	1,340	350	PFC Lip	DGBB-SS	1.46
PXRE-2.25-SS	2,940	2,250	740	570	11,000	2,470	1,340	350	PFC Lip	DGBB-SS	1.78
PXRE-2.50-SS	4,270	3,440	1,070	860	8,500	4,010	1,340	350	PFC Lip	DGBB-SS	2.43
PXRE-2.50E-SS	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.50
PXRE-2.75-SS	4,270	3,440	1,070	860	8,500	4,010	1,340	350	PFC Lip	DGBB-SS	2.89
PXRE-2.75E-SS	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.95
PXRE-3.00A-SS	5,030	4,590	1,260	1,150	7,000	8,890	1,950	650	PFC Lip	DGBB-SS	4.00
PXRE-3.00-SS	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.28
PXRE-3.25A-SS	5,030	4,590	1,260	1,150	7,000	8,890	1,950	650	PFC Lip	DGBB-SS	4.36
PXRE-3.25-SS	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.47
PXRE-3.50A-SS	5,320	5,130	1,330	1,290	6,300	12,150	3,000	650	PFC Lip	DGBB-SS	6.00
PXRE-3.50-SS	18,670	27,200	6,210	15,480	2,140	6,520	-	1,500	NBR Dual Lip	PREMIUM TRB	6.44
PXRE-4.00A-SS	5,320	5,130	1,330	1,290	6,300	12,210	3,000	650	PFC Lip	DGBB-SS	9.11
PXRE-4.00-SS	18,670	27,200	6,210	15,480	2,140	7,550	-	1,500	NBR Dual Lip	PREMIUM TRB	9.64



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

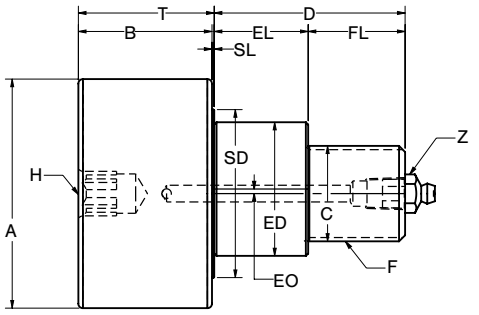
PXRE-SS-R – STAINLESS – 316

Plain/Cylindrical – Stud Type Eccentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width	
PXRE-1.75-SS-R	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	1.2	0.03	1.03	1/8-27 NPT
PXRE-2.00-SS-R	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28	1/8-27 NPT
PXRE-2.25-SS-R	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28	1/8-27 NPT
PXRE-2.50-SS-R	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53	1/8-27 NPT
PXRE-2.50E-SS-R	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53	1/8-27 NPT
PXRE-2.75-SS-R	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53	1/8-27 NPT
PXRE-2.75E-SS-R	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53	1/8-27 NPT
PXRE-3.00A-SS-R	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78	1/8-27 NPT
PXRE-3.00-SS-R	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78	1/8-27 NPT
PXRE-3.25A-SS-R	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78	1/8-27 NPT
PXRE-3.25-SS-R	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78	1/8-27 NPT
PXRE-3.50A-SS-R	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03	1/8-27 NPT
PXRE-3.50-SS-R	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03	1/8-27 NPT
PXRE-4.00A-SS-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28	1/8-27 NPT
PXRE-4.00-SS-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28	1/8-27 NPT





PXRE-SS-R – STAINLESS – 316

Plain/Cylindrical – Stud Type Eccentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXRE-1.75-SS-R	1,450	1,150	370	290	14,000	2,010	910	350	PFC Lip	DGBB-SS	0.84
PXRE-2.00-SS-R	2,940	2,250	740	570	11,000	2,470	1,340	350	PFC Lip	DGBB-SS	1.46
PXRE-2.25-SS-R	2,940	2,250	740	570	11,000	2,470	1,340	350	PFC Lip	DGBB-SS	1.78
PXRE-2.50-SS-R	4,270	3,440	1,070	860	8,500	4,010	1,340	350	PFC Lip	DGBB-SS	2.43
PXRE-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.50
PXRE-2.75-SS-R	4,270	3,440	1,070	860	8,500	4,010	1,340	350	PFC Lip	DGBB-SS	2.89
PXRE-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.95
PXRE-3.00A-SS-R	5,030	4,590	1,260	1,150	7,000	8,890	1,950	650	PFC Lip	DGBB-SS	4.00
PXRE-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.28
PXRE-3.25A-SS-R	5,030	4,590	1,260	1,150	7,000	8,890	1,950	650	PFC Lip	DGBB-SS	4.36
PXRE-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.47
PXRE-3.50A-SS-R	5,320	5,130	1,330	1,290	6,300	12,150	3,000	650	PFC Lip	DGBB-SS	6.00
PXRE-3.50-SS-R	18,670	27,200	6,210	15,480	2,140	6,520	-	1,500	NBR Dual Lip	PREMIUM TRB	6.44
PXRE-4.00A-SS-R	5,320	5,130	1,330	1,290	6,300	12,210	3,000	650	PFC Lip	DGBB-SS	9.11
PXRE-4.00-SS-R	18,670	27,200	6,210	15,480	2,140	7,550	-	1,500	NBR Dual Lip	PREMIUM TRB	9.64





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

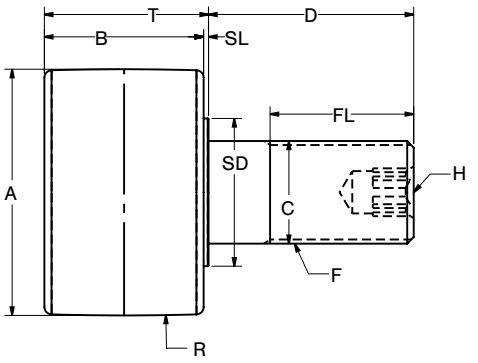
CTR-SS – STAINLESS – 316

Crowned/Spherical – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width
CTR-1.00-SS	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	12	0.5	0.03	0.78
CTR-1.125-SS	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	12	0.5	0.03	0.78
CTR-1.25-SS	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	14	0.6	0.03	0.84
CTR-1.375-SS	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	14	0.6	0.03	0.84
CTR-1.50-SS	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	20	0.8	0.06	1.19
CTR-1.75-SS	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.06	1.19
CTR-2.00-SS	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.69
CTR-2.25-SS	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.69
CTR-2.50-SS	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	30	1.2	0.06	1.69
CTR-2.50E-SS	2.500	1.75	1.000	2.25	1 - 14	1.50	1/2	30	1.3	0.06	1.81
CTR-2.75-SS	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	30	1.2	0.06	1.69
CTR-2.75E-SS	2.750	1.75	1.000	2.25	1 - 14	1.50	1/2	30	1.3	0.06	1.81
CTR-3.00A-SS	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-3.00-SS	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-3.25A-SS	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-3.25-SS	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-3.50A-SS	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-3.50-SS	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-4.00A-SS	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-4.00-SS	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-5.00-SS	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	48	3.0	0.06	3.00
CTR-6.00-SS	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	56	3.5	0.06	3.00





CTR-SS – STAINLESS – 316

Crowned/Spherical – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTR-1.00-SS	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.17
CTR-1.125-SS	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.22
CTR-1.25-SS	740	370	190	100	19,000	300	470	50	PFC Lip	DGBB-SS	0.30
CTR-1.375-SS	740	370	190	100	19,000	300	470	50	PFC Lip	DGBB-SS	0.36
CTR-1.50-SS	2,090	1,350	530	340	15,000	570	550	180	PFC Lip	DGBB-SS	0.56
CTR-1.75-SS	2,090	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	0.86
CTR-2.00-SS	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	1.39
CTR-2.25-SS	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	1.86
CTR-2.50-SS	4,270	3,440	1,070	860	8,500	2,950	1,340	350	PFC Lip	DGBB-SS	2.34
CTR-2.50E-SS	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	2.48
CTR-2.75-SS	4,270	3,440	1,070	860	8,500	2,950	1,340	350	PFC Lip	DGBB-SS	2.82
CTR-2.75E-SS	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	3.00
CTR-3.00A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	3.99
CTR-3.00-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	4.15
CTR-3.25A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	4.65
CTR-3.25-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	4.84
CTR-3.50A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	5.48
CTR-3.50-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.67
CTR-4.00A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	7.13
CTR-4.00-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	7.33
CTR-5.00-SS	38,060	58,400	14,350	37,660	1,550	13,510	-	1,500	NBR Dual Lip	PREMIUM TRB	18.81
CTR-6.00-SS	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	29.03





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CTR-SS-R – STAINLESS – 316

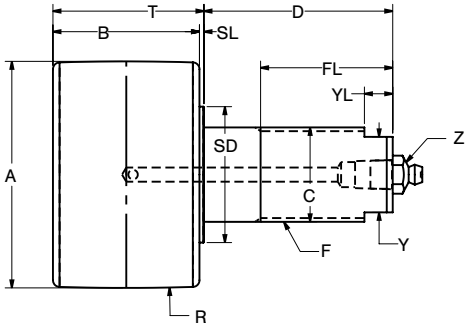
Crowned/Spherical – Stud Type Concentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

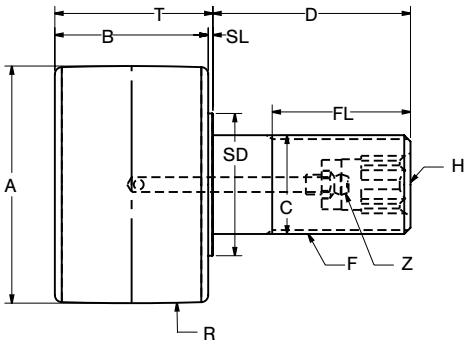
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width	Size	Len.	
CTR-1.00-SS-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	12	0.5	0.03	0.78	0.312	0.250	1/8 Drive
CTR-1.125-SS-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	12	0.5	0.03	0.78	0.312	0.250	1/8 Drive
CTR-1.25-SS-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	14	0.6	0.03	0.84	0.375	0.250	1/8 Drive
CTR-1.375-SS-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	14	0.6	0.03	0.84	0.375	0.250	1/8 Drive
CTR-1.50-SS-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	20	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
CTR-1.75-SS-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	20	0.9	0.06	1.19	0.625	0.375	1/8-27 NPT
CTR-2.00-SS-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	24	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CTR-2.25-SS-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	24	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CTR-2.50-SS-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	30	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CTR-2.50E-SS-R	2.500	1.75	1.000	2.25	1 - 14	1.50	-	30	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
CTR-2.75-SS-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	30	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CTR-2.75E-SS-R	2.750	1.75	1.000	2.25	1 - 14	1.50	-	30	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
CTR-3.00A-SS-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF
CTR-3.00-SS-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	30	1.8	0.06	2.00	-	-	1/4-28 UNF
CTR-3.25A-SS-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF
CTR-3.25-SS-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	30	1.8	0.06	2.00	-	-	1/4-28 UNF
CTR-3.50A-SS-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF
CTR-3.50-SS-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.8	0.06	2.00	-	-	1/4-28 UNF
CTR-4.00A-SS-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF
CTR-4.00-SS-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.8	0.06	2.00	-	-	1/4-28 UNF
CTR-5.00-SS-R	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	48	3.0	0.06	3.00	-	-	1/4-28 UNF
CTR-6.00-SS-R	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	56	3.5	0.06	3.00	-	-	1/4-28 UNF



THROUGH 2.75-R



3.00 ROLLER DIA. AND LARGER



CTR-SS-R – STAINLESS – 316

Crowned/Spherical – Stud Type Concentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTR-1.00-SS-R	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.17
CTR-1.125-SS-R	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.22
CTR-1.25-SS-R	740	370	190	100	19,000	300	470	50	PFC Lip	DGBB-SS	0.30
CTR-1.375-SS-R	740	370	190	100	19,000	300	470	50	PFC Lip	DGBB-SS	0.36
CTR-1.50-SS-R	2,090	1,350	530	340	15,000	570	550	180	PFC Lip	DGBB-SS	0.56
CTR-1.75-SS-R	2,090	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	0.86
CTR-2.00-SS-R	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	1.39
CTR-2.25-SS-R	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	1.86
CTR-2.50-SS-R	4,270	3,440	1,070	860	8,500	2,950	1,340	350	PFC Lip	DGBB-SS	2.34
CTR-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	2.48
CTR-2.75-SS-R	4,270	3,440	1,070	860	8,500	2,950	1,340	350	PFC Lip	DGBB-SS	2.82
CTR-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	3.00
CTR-3.00A-SS-R	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	3.99
CTR-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	4.15
CTR-3.25A-SS-R	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	4.65
CTR-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	4.84
CTR-3.50A-SS-R	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	5.48
CTR-3.50-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.67
CTR-4.00A-SS-R	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	7.13
CTR-4.00-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	7.33
CTR-5.00-SS-R	38,060	58,400	14,350	37,660	1,550	13,510	-	1,500	NBR Dual Lip	PREMIUM TRB	18.81
CTR-6.00-SS-R	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	29.03





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

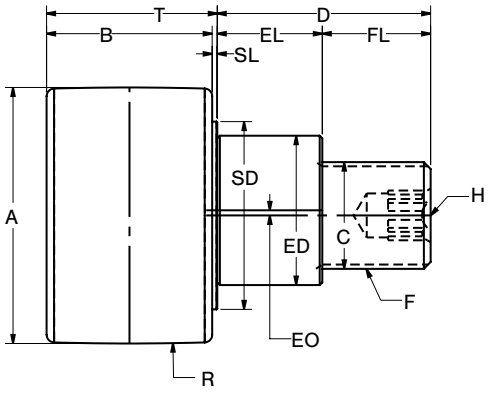
CTRE-SS – STAINLESS – 316

Crowned/Spherical – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
CTRE-1.00-SS	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
CTRE-1.125-SS	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
CTRE-1.25-SS	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
CTRE-1.375-SS	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
CTRE-1.50-SS	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	1.1	0.06	1.19
CTRE-1.75-SS	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	1.3	0.06	1.19
CTRE-2.00-SS	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
CTRE-2.25-SS	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
CTRE-2.50-SS	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
CTRE-2.50E-SS	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	1.7	0.06	1.81
CTRE-2.75-SS	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
CTRE-2.75E-SS	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	1.7	0.06	1.81
CTRE-3.00A-SS	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
CTRE-3.00-SS	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
CTRE-3.25A-SS	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
CTRE-3.25-SS	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
CTRE-3.50A-SS	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
CTRE-3.50-SS	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
CTRE-4.00A-SS	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
CTRE-4.00-SS	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
CTRE-5.00-SS	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	3.3	0.06	3.00
CTRE-6.00-SS	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	3.6	0.06	3.00





CTRE-SS – STAINLESS – 316

Crowned/Spherical – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRE-1.00-SS	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.20
CTRE-1.125-SS	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.24
CTRE-1.25-SS	740	370	190	100	19,000	340	470	100	PFC Lip	DGBB-SS	0.32
CTRE-1.375-SS	740	370	190	100	19,000	340	470	100	PFC Lip	DGBB-SS	0.37
CTRE-1.50-SS	2,090	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	0.63
CTRE-1.75-SS	2,060	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	0.96
CTRE-2.00-SS	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	1.68
CTRE-2.25-SS	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	2.07
CTRE-2.50-SS	4,270	3,440	1,070	860	8,500	3,480	1,340	350	PFC Lip	DGBB-SS	2.48
CTRE-2.50E-SS	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	2.67
CTRE-2.75-SS	4,270	3,440	1,070	860	8,500	3,480	1,340	350	PFC Lip	DGBB-SS	3.08
CTRE-2.75E-SS	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	3.17
CTRE-3.00A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	4.53
CTRE-3.00-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	4.62
CTRE-3.25A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	5.19
CTRE-3.25-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.31
CTRE-3.50A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	6.10
CTRE-3.50-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
CTRE-4.00A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	7.69
CTRE-4.00-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	7.93
CTRE-5.00-SS	38,060	58,400	14,350	37,660	1,550	13,510	-	1,500	NBR Dual Lip	PREMIUM TRB	20.20
CTRE-6.00-SS	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	31.06





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

Solutions Through Innovation

CTRE-SS-R – STAINLESS – 316

Crowned/Spherical – Stud Type Eccentric Ball & Tapered Bearings - Regreasable

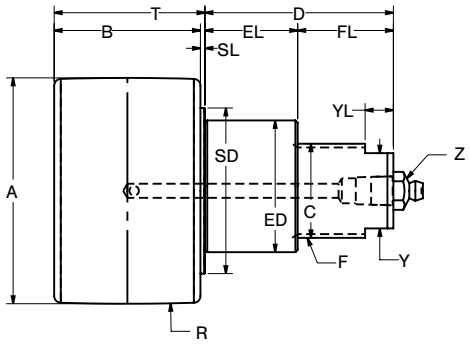
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width	Size	Len.	
CTRE-1.00-SS-R	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	0.7	0.03	0.78	0.312	0.250	1/8 Drive	1/8 Drive
CTRE-1.125-SS-R	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	0.7	0.03	0.78	0.312	0.250	1/8 Drive	1/8 Drive
CTRE-1.25-SS-R	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	0.8	0.03	0.84	0.375	0.250	1/8 Drive	1/8 Drive
CTRE-1.375-SS-R	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	0.8	0.03	0.84	0.375	0.250	1/8 Drive	1/8 Drive
CTRE-1.50-SS-R	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF	1/4-28 UNF
CTRE-1.75-SS-R	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	-	1.3	0.06	1.19	0.625	0.375	1/8-27 NPT	1/8-27 NPT
CTRE-2.00-SS-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT	1/8-27 NPT
CTRE-2.25-SS-R	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT	1/8-27 NPT
CTRE-2.50-SS-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT	1/8-27 NPT
CTRE-2.50E-SS-R	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT	1/8-27 NPT
CTRE-2.75-SS-R	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT	1/8-27 NPT
CTRE-2.75E-SS-R	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT	1/8-27 NPT
CTRE-3.00A-SS-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF	1/8-27 NPT
CTRE-3.00-SS-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF	1/8-27 NPT
CTRE-3.25A-SS-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF	1/4-28 UNF
CTRE-3.25-SS-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF	1/4-28 UNF
CTRE-3.50A-SS-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF	1/4-28 UNF
CTRE-3.50-SS-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF	1/4-28 UNF
CTRE-4.00A-SS-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF	1/4-28 UNF
CTRE-4.00-SS-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF	1/4-28 UNF
CTRE-5.00-SS-R	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	3.3	0.06	3.00	-	-	1/4-28 UNF	1/4-28 UNF
CTRE-6.00-SS-R	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	3.6	0.06	3.00	-	-	1/4-28 UNF	1/4-28 UNF

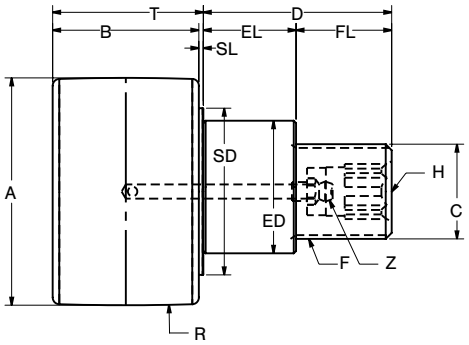




THROUGH 3.00-R



3.25 ROLLER DIA. AND LARGER



CTRE-SS-R – STAINLESS – 316

Crowned/Spherical – Stud Type Eccentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (Lbf) C	Basic Radial Static Load Rating (Lbf) Co	Thrust Dynamic Load Rating (Lbf)	Thrust Static Load Rating (Lbf)	Max Speed Rating (rpm)	Stud Capacity (Lbf)	Retaining Ring Capacity (Lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRE-1.00-SS-R	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.20
CTRE-1.125-SS-R	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.24
CTRE-1.25-SS-R	740	370	190	100	19,000	340	470	100	PFC Lip	DGBB-SS	0.32
CTRE-1.375-SS-R	740	370	190	100	19,000	340	470	100	PFC Lip	DGBB-SS	0.37
CTRE-1.50-SS-R	2,090	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	0.63
CTRE-1.75-SS-R	2,060	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	0.96
CTRE-2.00-SS-R	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	1.68
CTRE-2.25-SS-R	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	2.07
CTRE-2.50-SS-R	4,270	3,440	1,070	860	8,500	3,480	1,340	350	PFC Lip	DGBB-SS	2.48
CTRE-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	2.67
CTRE-2.75-SS-R	4,270	3,440	1,070	860	8,500	3,480	1,340	350	PFC Lip	DGBB-SS	3.08
CTRE-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	3.17
CTRE-3.00A-SS-R	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	4.53
CTRE-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	4.62
CTRE-3.25A-SS-R	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	5.19
CTRE-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.31
CTRE-3.50A-SS-R	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	6.10
CTRE-3.50-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
CTRE-4.00A-SS-R	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	7.69
CTRE-4.00-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	7.93
CTRE-5.00-SS-R	38,060	58,400	14,350	37,660	1,550	13,510	-	1,500	NBR Dual Lip	PREMIUM TRB	20.20
CTRE-6.00-SS-R	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	31.06



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CTRY-SS – STAINLESS – 316

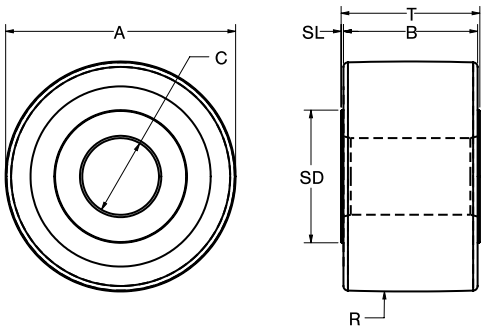
Crowned/Spherical – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	R	SD	SL	T	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	Crown Radius	SHOULDER			Concentric Shaft	Eccentric Shaft
	Roller Dia. +.000 -.001	Roller Width			Dia.	Len.	Inner Race Width +.005 -.010		
CTRY-1.00-SS	1.000	0.63	0.3130	12	0.6	0.03	0.688	YSH-.312-SS	YSHE-.312-SS
CTRY-1.125-SS	1.125	0.63	0.3130	12	0.6	0.03	0.688	YSH-.312-SS	YSHE-.312-SS
CTRY-1.25-SS	1.250	0.75	0.3755	14	0.6	0.03	0.813	YSH-.375-SS	YSHE-.375-SS
CTRY-1.375-SS	1.375	0.75	0.3755	14	0.6	0.03	0.813	YSH-.375-SS	YSHE-.375-SS
CTRY-1.50-SS	1.500	0.88	0.4380	20	0.9	0.03	0.937	YSH-.437-SS	YSHE-.437-SS
CTRY-1.75-SS	1.750	1.00	0.5005	20	0.9	0.03	1.063	YSH-.500-SS	YSHE-.500-SS
CTRY-2.00-SS	2.000	1.25	0.6255	24	1.1	0.03	1.313	YSH-.625-SS	YSHE-.625-SS
CTRY-2.25-SS	2.250	1.25	0.6255	24	1.1	0.03	1.313	YSH-.625-SS	YSHE-.625-SS
CTRY-2.50-SS	2.500	1.50	0.7505	30	1.2	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
CTRY-2.50E-SS	2.500	1.50	0.7505	30	1.3	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
CTRY-2.75-SS	2.750	1.50	0.7505	30	1.2	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
CTRY-2.75E-SS	2.750	1.50	0.7505	30	1.3	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
CTRY-3.00A-SS	3.000	1.75	1.0005	30	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
CTRY-3.00-SS	3.000	1.75	1.0005	30	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
CTRY-3.25A-SS	3.250	1.75	1.0005	30	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
CTRY-3.25-SS	3.250	1.75	1.0005	30	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
CTRY-3.50A-SS	3.500	2.00	1.1255	30	2.0	0.03	2.063	YSH-1.125-SS	YSHE-1.125-SS
CTRY-3.50-SS	3.500	2.00	1.1255	30	2.0	0.03	2.063	YSH-1.125-SS	YSHE-1.125-SS
CTRY-4.00A-SS	4.000	2.25	1.2505	30	2.0	0.03	2.313	YSH-1.250-SS	YSHE-1.250-SS
CTRY-4.00-SS	4.000	2.25	1.2505	30	2.3	0.03	2.313	YSH-1.250-SS	YSHE-1.250-SS
CTRY-4.50-SS	4.500	1.75	1.0005	30	1.7	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
CTRY-5.00-SS	5.000	2.75	1.7508	48	3.2	0.06	2.875	YSH-1.750-SS	YSHE-1.750-SS
CTRY-6.00-SS	6.000	3.25	2.2508	56	3.5	0.06	3.375	YSH-2.250-SS	YSHE-2.250-SS
CTRY-7.00-SS	7.000	3.75	2.7508	60	4.1	0.06	3.875	YSH-2.750-SS	YSHE-2.750-SS
CTRY-8.00-SS	8.000	4.25	3.2560	40	4.7	0.13	4.500	-	-
CTRY-9.00-SS	9.000	4.75	3.7560	40	5.3	0.13	5.000	-	-
CTRY-10.00-SS	10.000	5.25	4.2560	40	6.5	0.13	5.500	-	-







CTRY-SS – STAINLESS – 316

Crowned/Spherical – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (Lbf) C	Basic Radial Static Load Rating (Lbf) Co	Thrust Dynamic Load Rating (Lbf)	Thrust Static Load Rating (Lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRY-1.00-SS	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.09
CTRY-1.125-SS	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.13
CTRY-1.25-SS	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.18
CTRY-1.375-SS	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.23
CTRY-1.50-SS	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.31
CTRY-1.75-SS	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.51
CTRY-2.00-SS	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	0.82
CTRY-2.25-SS	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.10
CTRY-2.50-SS	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	1.59
CTRY-2.50E-SS	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.62
CTRY-2.75-SS	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.03
CTRY-2.75E-SS	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.06
CTRY-3.00A-SS	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	2.47
CTRY-3.00-SS	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	2.67
CTRY-3.25A-SS	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.09
CTRY-3.25-SS	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.29
CTRY-3.50A-SS	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	4.00
CTRY-3.50-SS	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	4.37
CTRY-4.00A-SS	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	6.36
CTRY-4.00-SS	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	6.77
CTRY-4.50-SS	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	6.91
CTRY-5.00-SS	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	12.55
CTRY-6.00-SS	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	19.77
CTRY-7.00-SS	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	30.07
CTRY-8.00-SS	89,040	159,800	42,050	126,030	850	NBR Lip	PREMIUM TRB	44.36
CTRY-9.00-SS	142,470	250,000	57,860	115,980	760	NBR Lip	PREMIUM TRB	61.94
CTRY-10.00-SS	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	82.98





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

Solutions Through Innovation

CTRY-SS-R – STAINLESS – 316

Crowned/Spherical – Stud Type Eccentric Ball & Tapered Bearings - Regreasable

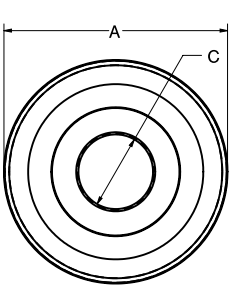
∞ Infinity Roller™ Technology

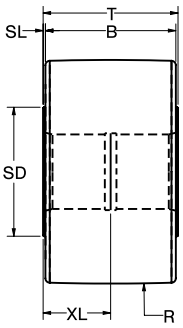
YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	R	SD	SL	T	XL
	ROLLER				SHOULDER			
	Dia. +.000 -.001	Width	Bore Dia. +.0007 -.0000	Crown Radius	Dia.	Len.	Inner Race Width +.005 -.010	Grease Groove Location
CTRY-1.00-SS-R	1.000	0.63	0.3130	12	0.6	0.03	0.688	0.34
CTRY-1.125-SS-R	1.125	0.63	0.3130	12	0.6	0.03	0.688	0.34
CTRY-1.25-SS-R	1.250	0.75	0.3755	14	0.6	0.03	0.813	0.41
CTRY-1.375-SS-R	1.375	0.75	0.3755	14	0.6	0.03	0.813	0.41
CTRY-1.50-SS-R	1.500	0.88	0.4380	20	0.9	0.03	0.937	0.47
CTRY-1.75-SS-R	1.750	1.00	0.5005	20	0.9	0.03	1.063	0.53
CTRY-2.00-SS-R	2.000	1.25	0.6255	24	1.1	0.03	1.313	0.66
CTRY-2.25-SS-R	2.250	1.25	0.6255	24	1.1	0.03	1.313	0.66
CTRY-2.50-SS-R	2.500	1.50	0.7505	30	1.2	0.03	1.563	0.78
CTRY-2.50E-SS-R	2.500	1.50	0.7505	30	1.3	0.03	1.563	0.78
CTRY-2.75-SS-R	2.750	1.50	0.7505	30	1.2	0.03	1.563	0.78
CTRY-2.75E-SS-R	2.750	1.50	0.7505	30	1.3	0.03	1.563	0.78
CTRY-3.00A-SS-R	3.000	1.75	1.0005	30	1.8	0.03	1.813	0.91
CTRY-3.00-SS-R	3.000	1.75	1.0005	30	1.8	0.03	1.813	0.91
CTRY-3.25A-SS-R	3.250	1.75	1.0005	30	1.8	0.03	1.813	0.91
CTRY-3.25-SS-R	3.250	1.75	1.0005	30	1.8	0.03	1.813	0.91
CTRY-3.50A-SS-R	3.500	2.00	1.1255	30	2.0	0.03	2.063	1.03
CTRY-3.50-SS-R	3.500	2.00	1.1255	30	2.0	0.03	2.063	1.03
CTRY-4.00A-SS-R	4.000	2.25	1.2505	30	2.0	0.03	2.313	1.16
CTRY-4.00-SS-R	4.000	2.25	1.2505	30	2.3	0.03	2.313	1.16
CTRY-4.50-SS-R	4.500	1.75	1.0005	30	1.7	0.03	1.813	0.91
CTRY-5.00-SS-R	5.000	2.75	1.7508	48	3.2	0.06	2.875	1.44
CTRY-6.00-SS-R	6.000	3.25	2.2508	56	3.5	0.06	3.375	1.69
CTRY-7.00-SS-R	7.000	3.75	2.7508	60	4.1	0.06	3.875	1.94
CTRY-8.00-SS-R	8.000	4.25	3.2560	40	4.7	0.13	4.500	2.25
CTRY-9.00-SS-R	9.000	4.75	3.7560	40	5.3	0.13	5.000	2.50
CTRY-10.00-SS-R	10.000	5.25	4.2560	40	6.5	0.13	5.500	2.75

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312-SS-R	YSHE-.312-SS-R
YSH-.312-SS-R	YSHE-.312-SS-R
YSH-.375-SS-R	YSHE-.375-SS-R
YSH-.375-SS-R	YSHE-.375-SS-R
YSH-.437-SS-R	YSHE-.437-SS-R
YSH-.500-SS-R	YSHE-.500-SS-R
YSH-.625-SS-R	YSHE-.625-SS-R
YSH-.625-SS-R	YSHE-.625-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.125-SS-R	YSHE-1.125-SS-R
YSH-1.125-SS-R	YSHE-1.125-SS-R
YSH-1.250-SS-R	YSHE-1.250-SS-R
YSH-1.250-SS-R	YSHE-1.250-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.750-SS-R	YSHE-1.750-SS-R
YSH-2.250-SS-R	YSHE-2.250-SS-R
YSH-2.750-SS-R	YSHE-2.750-SS-R
-	-
-	-
-	-









CTRY-SS-R– STAINLESS – 316

Crowned/Spherical – Stud Type Eccentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRY-1.00-SS-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.09
CTRY-1.125-SS-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.13
CTRY-1.25-SS-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.18
CTRY-1.375-SS-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.23
CTRY-1.50-SS-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.31
CTRY-1.75-SS-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.51
CTRY-2.00-SS-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	0.82
CTRY-2.25-SS-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.10
CTRY-2.50-SS-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	1.59
CTRY-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.62
CTRY-2.75-SS-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.03
CTRY-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.06
CTRY-3.00A-SS-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	2.47
CTRY-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	2.67
CTRY-3.25A-SS-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.09
CTRY-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.29
CTRY-3.50A-SS-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	4.00
CTRY-3.50-SS-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	4.37
CTRY-4.00A-SS-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	6.36
CTRY-4.00-SS-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	6.77
CTRY-4.50-SS-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	6.91
CTRY-5.00-SS-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	12.55
CTRY-6.00-SS-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	19.77
CTRY-7.00-SS-R	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	30.07
CTRY-8.00-SS-R	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	44.36
CTRY-9.00-SS-R	142,470	250,000	98,940	115,980	760	NBR Lip	PREMIUM TRB	61.94
CTRY-10.00-SS-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	82.98





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

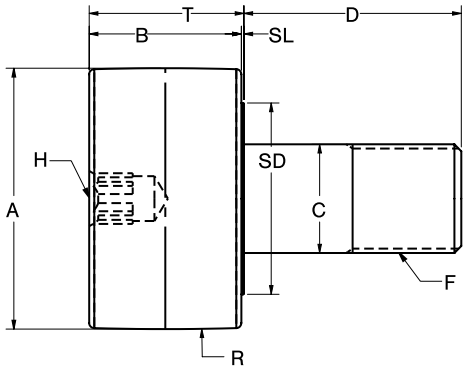
CXR-SS– STAINLESS – 316

Crowned/Spherical – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Roller Width + Len.
CXR-1.00-SS	1.000	0.63	0.438	1.00	7/16 - 20	0.50	5/16	12	0.6	0.03	0.66
CXR-1.125-SS	1.125	0.63	0.438	1.00	7/16 - 20	0.50	5/16	12	0.6	0.03	0.66
CXR-1.25-SS	1.250	0.75	0.500	1.25	1/2 - 20	0.63	5/16	14	0.6	0.03	0.78
CXR-1.375-SS	1.375	0.75	0.500	1.25	1/2 - 20	0.63	5/16	14	0.6	0.03	0.78
CXR-1.50-SS	1.500	0.88	0.625	1.50	5/8 - 18	0.75	5/16	20	0.8	0.03	0.91
CXR-1.75-SS	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.03	1.03
CXR-2.00-SS	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28
CXR-2.25-SS	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28
CXR-2.50-SS	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-2.50E-SS	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-2.75-SS	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-2.75E-SS	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-3.00A-SS	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78
CXR-3.00-SS	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.8	0.03	1.78
CXR-3.25A-SS	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78
CXR-3.25-SS	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.8	0.03	1.78
CXR-3.50A-SS	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	1.8	0.03	2.03
CXR-3.50-SS	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	2.0	0.03	2.03
CXR-4.00A-SS	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	1.8	0.03	2.28
CXR-4.00-SS	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	2.0	0.03	2.28
CXR-5.00-SS	5.000	2.75	2.000	5.06	2 - 12	2.56	5/8	48	2.9	0.06	2.81
CXR-6.00-SS	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	5/8	56	3.3	0.06	3.31
CXR-7.00-SS	7.000	3.75	3.000	7.69	3 - 12	4.13	5/8	60	4.1	0.06	3.81
CXR-8.00-SS	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	5/8	40	4.7	0.06	4.31
CXR-9.00-SS	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	5/8	40	5.3	0.06	4.81
CXR-10.00-SS	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	5/8	40	6.5	0.13	5.31





CXR-SS– STAINLESS – 316

Crowned/Spherical – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXR-1.00-SS	510	360	130	90	20,000	630	470	50	PFC Lip	DGBB-SS	0.14
CXR-1.125-SS	510	360	130	90	20,000	630	470	50	PFC Lip	DGBB-SS	0.19
CXR-1.25-SS	920	660	230	170	20,000	800	470	50	PFC Lip	DGBB-SS	0.26
CXR-1.375-SS	920	660	230	170	20,000	800	470	50	PFC Lip	DGBB-SS	0.31
CXR-1.50-SS	1,450	1,150	370	290	14,000	1,340	910	180	PFC Lip	DGBB-SS	0.45
CXR-1.75-SS	1,450	1,150	370	290	14,000	2,010	910	350	PFC Lip	DGBB-SS	0.75
CXR-2.00-SS	2,940	2,250	740	570	11,000	2,470	1,340	350	PFC Lip	DGBB-SS	1.22
CXR-2.25-SS	2,940	2,250	740	570	11,000	2,470	1,340	350	PFC Lip	DGBB-SS	1.50
CXR-2.50-SS	4,270	3,440	1,070	860	8,500	3,310	1,340	350	PFC Lip	DGBB-SS	2.17
CXR-2.50E-SS	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.24
CXR-2.75-SS	4,270	3,440	1,070	860	8,500	3,310	1,340	350	PFC Lip	DGBB-SS	2.60
CXR-2.75E-SS	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.67
CXR-3.00A-SS	5,030	4,590	1,260	1,150	7,000	5,580	1,950	650	PFC Lip	DGBB-SS	3.56
CXR-3.00-SS	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	3.81
CXR-3.25A-SS	5,030	4,590	1,260	1,150	7,000	5,580	1,950	650	PFC Lip	DGBB-SS	4.31
CXR-3.25-SS	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.41
CXR-3.50A-SS	5,320	5,130	1,330	1,290	6,300	6,520	3,000	650	PFC Lip	DGBB-SS	5.47
CXR-3.50-SS	18,670	27,200	6,210	15,480	2,140	6,520	-	1,500	NBR Dual Lip	PREMIUM TRB	5.93
CXR-4.00A-SS	5,320	5,130	1,330	1,290	6,300	7,550	3,000	650	PFC Lip	DGBB-SS	8.25
CXR-4.00-SS	18,670	27,200	6,210	15,480	2,140	7,550	-	1,500	NBR Dual Lip	PREMIUM TRB	8.90
CXR-5.00-SS	38,060	58,400	14,350	37,660	1,550	14,400	-	1,500	NBR Dual Lip	PREMIUM TRB	18.12
CXR-6.00-SS	37,990	56,200	15,320	38,740	1,250	23,960	-	1,500	NBR Dual Lip	PREMIUM TRB	30.87
CXR-7.00-SS	45,050	79,800	18,750	56,790	1,020	36,050	-	1,500	NBR Lip	PREMIUM TRB	52.66
CXR-8.00-SS	89,040	159,800	42,050	129,030	850	40,590	-	1,500	NBR Lip	PREMIUM TRB	74.11
CXR-9.00-SS	142,470	167,000	57,860	115,980	760	55,950	-	1,500	NBR Lip	PREMIUM TRB	107.55
CXR-10.00-SS	145,100	266,000	66,730	209,180	650	70,450	-	1,500	NBR Lip	PREMIUM TRB	138.81





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CXR-SS-R – STAINLESS – 316

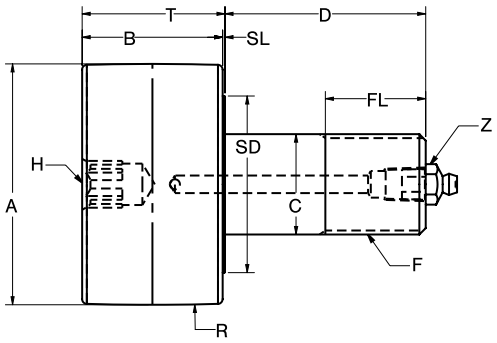
Crowned/Spherical – Stud Type Concentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

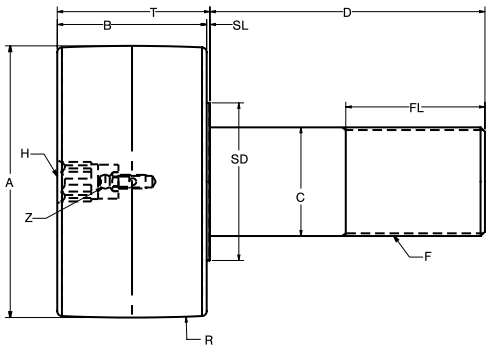
STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T	Z
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width	
CXR-1.75-SS-R	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.03	1.03	1/8-27 NPT
CXR-2.00-SS-R	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28	1/8-27 NPT
CXR-2.25-SS-R	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28	1/8-27 NPT
CXR-2.50-SS-R	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53	1/8-27 NPT
CXR-2.50E-SS-R	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53	1/8-27 NPT
CXR-2.75-SS-R	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53	1/8-27 NPT
CXR-2.75E-SS-R	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53	1/8-27 NPT
CXR-3.00A-SS-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78	1/8-27 NPT
CXR-3.00-SS-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.8	0.03	1.78	1/8-27 NPT
CXR-3.25A-SS-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78	1/8-27 NPT
CXR-3.25-SS-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.8	0.03	1.78	1/8-27 NPT
CXR-3.50A-SS-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	1.8	0.03	2.03	1/8-27 NPT
CXR-3.50-SS-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	2.0	0.03	2.03	1/8-27 NPT
CXR-4.00A-SS-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	1.8	0.03	2.28	1/8-27 NPT
CXR-4.00-SS-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	2.0	0.03	2.28	1/8-27 NPT
CXR-5.00-SS-R	5.000	2.75	2.000	5.06	2 - 12	2.56	5/8	48	2.9	0.06	2.81	1/4-28 UNF
CXR-6.00-SS-R	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	5/8	56	3.3	0.06	3.31	1/4-28 UNF
CXR-7.00-SS-R	7.000	3.75	3.000	7.69	3 - 12	4.13	5/8	60	4.1	0.06	3.81	1/4-28 UNF
CXR-8.00-SS-R	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	5/8	40	4.7	0.06	4.31	1/4-28 UNF
CXR-9.00-SS-R	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	5/8	40	5.3	0.06	4.81	1/4-28 UNF
CXR-10.00-SS-R	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	5/8	40	6.5	0.13	5.50	1/4-28 UNF



THROUGH 4.00-R



5.00 ROLLER DIA. AND LARGER



CXR-SS-R – STAINLESS – 316

Crowned/Spherical – Stud Type Concentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXR-1.75-SS-R	1,450	1,150	370	290	14,000	2,010	910	350	PFC Lip	DGBB-SS	0.75
CXR-2.00-SS-R	2,940	2,250	740	570	11,000	2,470	1,340	350	PFC Lip	DGBB-SS	1.22
CXR-2.25-SS-R	2,940	2,250	740	570	11,000	2,470	1,340	350	PFC Lip	DGBB-SS	1.50
CXR-2.50-SS-R	4,270	3,440	1,070	860	8,500	3,310	1,340	350	PFC Lip	DGBB-SS	2.17
CXR-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.24
CXR-2.75-SS-R	4,270	3,440	1,070	860	8,500	3,310	1,340	350	PFC Lip	DGBB-SS	2.60
CXR-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.67
CXR-3.00A-SS-R	5,030	4,590	1,260	1,150	7,000	5,580	1,950	650	PFC Lip	DGBB-SS	3.56
CXR-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	3.81
CXR-3.25A-SS-R	5,030	4,590	1,260	1,150	7,000	5,580	1,950	650	PFC Lip	DGBB-SS	4.31
CXR-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.41
CXR-3.50A-SS-R	5,320	5,130	1,330	1,290	6,300	6,520	3,000	650	PFC Lip	DGBB-SS	5.47
CXR-3.50-SS-R	18,670	27,200	6,210	15,480	2,140	6,520	-	1,500	NBR Dual Lip	PREMIUM TRB	5.93
CXR-4.00A-SS-R	5,320	5,130	1,330	1,290	6,300	7,550	3,000	650	PFC Lip	DGBB-SS	8.25
CXR-4.00-SS-R	18,670	27,200	6,210	15,480	2,140	7,550	-	1,500	NBR Dual Lip	PREMIUM TRB	8.90
CXR-5.00-SS-R	38,060	58,400	14,350	37,660	1,550	14,400	-	1,500	NBR Dual Lip	PREMIUM TRB	18.12
CXR-6.00-SS-R	37,990	56,200	15,320	38,740	1,250	23,960	-	1,500	NBR Dual Lip	PREMIUM TRB	30.87
CXR-7.00-SS-R	45,050	79,800	18,750	56,790	1,020	36,050	-	1,500	NBR Lip	PREMIUM TRB	52.15
CXR-8.00-SS-R	89,040	159,800	42,050	129,030	850	40,590	-	1,500	NBR Lip	PREMIUM TRB	74.27
CXR-9.00-SS-R	142,470	167,000	57,860	147,000	760	55,950	-	1,500	NBR Lip	PREMIUM TRB	106.53
CXR-10.00-SS-R	145,100	266,000	66,730	209,180	650	70,450	-	1,500	NBR Lip	PREMIUM TRB	140.43





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CXRE-SS – STAINLESS – 316

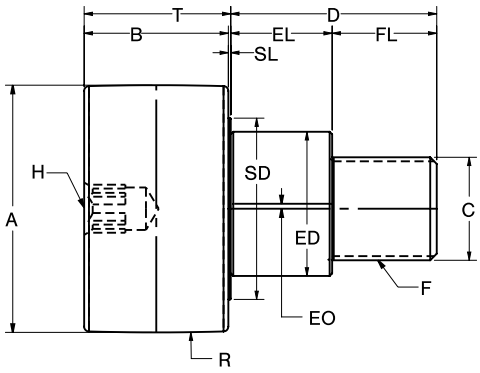
Crowned/Spherical – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width
CXRE-1.00-SS	1.000	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	12	0.8	0.03	0.66
CXRE-1.125-SS	1.125	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	12	0.8	0.03	0.66
CXRE-1.25-SS	1.250	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	14	0.9	0.03	0.78
CXRE-1.375-SS	1.375	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	14	0.9	0.03	0.78
CXRE-1.50-SS	1.500	0.88	0.625	1.50	0.875	0.75	0.03	5/8 - 18	0.75	5/16	20	1.0	0.03	0.91
CXRE-1.75-SS	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	20	1.2	0.03	1.03
CXRE-2.00-SS	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28
CXRE-2.25-SS	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28
CXRE-2.50-SS	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-2.50E-SS	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-2.75-SS	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-2.75E-SS	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-3.00A-SS	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.00-SS	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.25A-SS	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.25-SS	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.50A-SS	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03
CXRE-3.50-SS	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03
CXRE-4.00A-SS	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28
CXRE-4.00-SS	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28







CXRE-SS – STAINLESS – 316

Crowned/Spherical – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXRE-1.00-SS	510	360	130	90	20,000	1,240	470	100	PFC Lip	DGBB-SS	0.17
CXRE-1.125-SS	510	360	130	90	20,000	1,240	470	100	PFC Lip	DGBB-SS	0.22
CXRE-1.25-SS	920	660	230	170	20,000	1,050	470	100	PFC Lip	DGBB-SS	0.30
CXRE-1.375-SS	920	660	230	170	20,000	1,050	470	100	PFC Lip	DGBB-SS	0.35
CXRE-1.50-SS	1,450	1,150	370	290	14,000	2,550	910	350	PFC Lip	DGBB-SS	0.53
CXRE-1.75-SS	1,450	1,150	370	290	14,000	2,010	910	350	PFC Lip	DGBB-SS	0.84
CXRE-2.00-SS	2,940	2,250	740	570	11,000	2,470	1340	350	PFC Lip	DGBB-SS	1.46
CXRE-2.25-SS	2,940	2,250	740	570	11,000	2,470	1340	350	PFC Lip	DGBB-SS	1.78
CXRE-2.50-SS	4,270	3,440	1,070	860	8,500	4,010	1340	350	PFC Lip	DGBB-SS	2.43
CXRE-2.50E-SS	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.50
CXRE-2.75-SS	4,270	3,440	1,070	860	8,500	4,010	1340	350	PFC Lip	DGBB-SS	2.89
CXRE-2.75E-SS	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.95
CXRE-3.00A-SS	5,030	4,590	1,260	1,150	7,000	8,890	1950	650	PFC Lip	DGBB-SS	4.00
CXRE-3.00-SS	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.28
CXRE-3.25A-SS	5,030	4,590	1,260	1,150	7,000	8,890	1950	650	PFC Lip	DGBB-SS	4.36
CXRE-3.25-SS	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.47
CXRE-3.50A-SS	5,320	5,130	1,330	1,290	6,300	12,150	3000	650	PFC Lip	DGBB-SS	6.00
CXRE-3.50-SS	18,670	27,200	6,210	15,480	2,140	6,520	-	1,500	NBR Dual Lip	PREMIUM TRB	6.44
CXRE-4.00A-SS	5,320	5,130	1,330	1,290	6,300	12,210	3000	650	PFC Lip	DGBB-SS	9.11
CXRE-4.00-SS	18,670	27,200	6,210	15,480	2,140	7,550	-	1,500	NBR Dual Lip	PREMIUM TRB	9.64



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

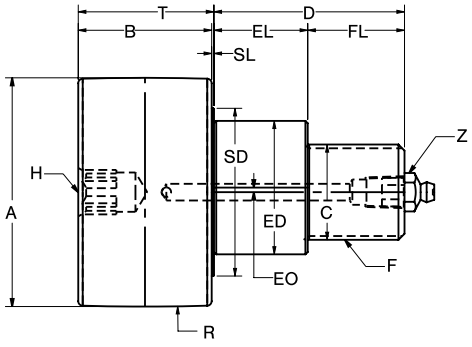
CXRE-SS-R – STAINLESS – 316

Crowned/Spherical – Stud Type Eccentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width	
CXRE-1.75-SS-R	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	20	1.2	0.03	1.03	1/8-27 NPT
CXRE-2.00-SS-R	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28	1/8-27 NPT
CXRE-2.25-SS-R	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28	1/8-27 NPT
CXRE-2.50-SS-R	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53	1/8-27 NPT
CXRE-2.50E-SS-R	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53	1/8-27 NPT
CXRE-2.75-SS-R	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53	1/8-27 NPT
CXRE-2.75E-SS-R	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53	1/8-27 NPT
CXRE-3.00A-SS-R	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78	1/8-27 NPT
CXRE-3.00-SS-R	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78	1/8-27 NPT
CXRE-3.25A-SS-R	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78	1/8-27 NPT
CXRE-3.25-SS-R	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78	1/8-27 NPT
CXRE-3.50A-SS-R	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03	1/8-27 NPT
CXRE-3.50-SS-R	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03	1/8-27 NPT
CXRE-4.00A-SS-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28	1/8-27 NPT
CXRE-4.00-SS-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28	1/8-27 NPT





CXRE-SS-R – STAINLESS – 316

Crowned/Spherical – Stud Type Eccentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXRE-1.75-SS-R	1,450	1,150	370	290	14,000	2,010	910	350	PFC Lip	DGBB-SS	0.84
CXRE-2.00-SS-R	2,940	2,250	740	570	11,000	2,470	1340	350	PFC Lip	DGBB-SS	1.46
CXRE-2.25-SS-R	2,940	2,250	740	570	11,000	2,470	1340	350	PFC Lip	DGBB-SS	1.78
CXRE-2.50-SS-R	4,270	3,440	1,070	860	8,500	4,010	1340	350	PFC Lip	DGBB-SS	2.43
CXRE-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.50
CXRE-2.75-SS-R	4,270	3,440	1,070	860	8,500	4,010	1340	350	PFC Lip	DGBB-SS	2.89
CXRE-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	3,310	-	1,000	NBR Dual Lip	PREMIUM TRB	2.95
CXRE-3.00A-SS-R	5,030	4,590	1,260	1,150	7,000	8,890	1950	650	PFC Lip	DGBB-SS	4.00
CXRE-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.28
CXRE-3.25A-SS-R	5,030	4,590	1,260	1,150	7,000	8,890	1950	650	PFC Lip	DGBB-SS	4.36
CXRE-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	5,580	-	1,500	NBR Dual Lip	PREMIUM TRB	4.47
CXRE-3.50A-SS-R	5,320	5,130	1,330	1,290	6,300	12,150	3000	650	PFC Lip	DGBB-SS	6.00
CXRE-3.50-SS-R	18,670	27,200	6,210	15,480	2,140	6,520	-	1,500	NBR Dual Lip	PREMIUM TRB	6.44
CXRE-4.00A-SS-R	5,320	5,130	1,330	1,290	6,300	12,210	3000	650	PFC Lip	DGBB-SS	9.11
CXRE-4.00-SS-R	18,670	27,200	6,210	15,480	2,140	7,550	-	1,500	NBR Dual Lip	PREMIUM TRB	9.64





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FTR-SS – STAINLESS – 316

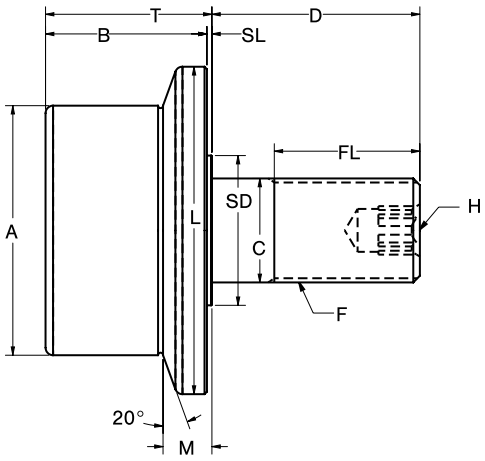
Flanged – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
FTR-1.00-SS	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.38	0.22	0.5	0.03	0.78
FTR-1.125-SS	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.50	0.22	0.5	0.03	0.78
FTR-1.25-SS	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.56	0.22	0.6	0.03	0.84
FTR-1.375-SS	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.69	0.22	0.6	0.03	0.84
FTR-1.50-SS	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.19	0.34	0.8	0.06	1.19
FTR-1.75-SS	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	2.44	0.34	0.9	0.06	1.19
FTR-2.00-SS	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59	1.0	0.06	1.69
FTR-2.25-SS	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.59	1.0	0.06	1.69
FTR-2.50-SS	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	3.19	0.59	1.2	0.06	1.69
FTR-2.50E-SS	2.500	1.75	1.000	2.25	1 - 14	1.50	1/2	3.19	0.59	1.3	0.06	1.81
FTR-2.75-SS	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	3.44	0.59	1.2	0.06	1.69
FTR-2.75E-SS	2.750	1.75	1.000	2.25	1 - 14	1.50	1/2	3.44	0.59	1.3	0.06	1.81
FTR-3.00A-SS	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.5	0.06	2.00
FTR-3.00-SS	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.8	0.06	2.00
FTR-3.25A-SS	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.5	0.06	2.00
FTR-3.25-SS	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.8	0.06	2.00
FTR-3.50A-SS	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.5	0.06	2.00
FTR-3.50-SS	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.8	0.06	2.00
FTR-4.00A-SS	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.5	0.06	2.00
FTR-4.00-SS	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.8	0.06	2.00
FTR-4.50-SS	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.44	0.59	1.8	0.06	2.00
FTR-4.75-SS	4.750	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.75	0.59	1.8	0.06	2.00
FTR-5.00-SS	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	5.94	0.72	3.0	0.06	3.00
FTR-6.00-SS	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	6.94	0.72	3.5	0.06	3.00







Solutions Through Innovation

FTR-SS – STAINLESS – 316

Flanged – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTR-1.00-SS	560	270	140	70	24,000	140	390	50	PFC Lip	DGBB-SS	0.20
FTR-1.125-SS	560	270	140	70	24,000	140	390	50	PFC Lip	DGBB-SS	0.24
FTR-1.25-SS	740	370	190	100	19,000	250	470	50	PFC Lip	DGBB-SS	0.32
FTR-1.375-SS	740	370	190	100	19,000	250	470	50	PFC Lip	DGBB-SS	0.37
FTR-1.50-SS	2,090	1,350	530	340	15,000	440	550	180	PFC Lip	DGBB-SS	0.66
FTR-1.75-SS	2,090	1,350	530	340	15,000	440	550	350	PFC Lip	DGBB-SS	0.97
FTR-2.00-SS	2,940	2,140	740	540	12,000	1,000	900	350	PFC Lip	DGBB-SS	1.76
FTR-2.25-SS	2,940	2,140	740	540	12,000	1,000	900	350	PFC Lip	DGBB-SS	2.18
FTR-2.50-SS	4,270	3,440	1,070	860	8,500	2,270	1,340	350	PFC Lip	DGBB-SS	2.70
FTR-2.50E-SS	13,720	14,800	5,130	9,470	2,100	2,150	-	1,000	NBR Dual Lip	PREMIUM TRB	2.79
FTR-2.75-SS	4,270	3,440	1,070	860	8,500	2,270	1,340	350	PFC Lip	DGBB-SS	3.20
FTR-2.75E-SS	13,720	14,800	5,130	9,470	2,100	2,150	-	1,000	NBR Dual Lip	PREMIUM TRB	3.29
FTR-3.00A-SS	6,010	5,040	1,510	1,260	8,000	3,900	1,950	650	PFC Lip	DGBB-SS	4.60
FTR-3.00-SS	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	4.72
FTR-3.25A-SS	6,010	5,040	1,510	1,260	8,000	3,900	1,950	650	PFC Lip	DGBB-SS	5.34
FTR-3.25-SS	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.54
FTR-3.50A-SS	6,010	5,040	1,510	1,260	8,000	3,900	1,950	650	PFC Lip	DGBB-SS	6.08
FTR-3.50-SS	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
FTR-4.00A-SS	6,010	5,040	1,510	1,260	8,000	3,900	1,950	650	PFC Lip	DGBB-SS	7.92
FTR-4.00-SS	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	8.22
FTR-4.50-SS	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	10.16
FTR-4.75-SS	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	11.22
FTR-5.00-SS	38,060	58,400	14,350	37,660	1,550	11,110	-	1,500	NBR Dual Lip	PREMIUM TRB	20.22
FTR-6.00-SS	37,990	56,200	15,320	38,740	1,250	21,700	-	1,500	NBR Dual Lip	PREMIUM TRB	30.72



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FTR-SS-R – STAINLESS – 316

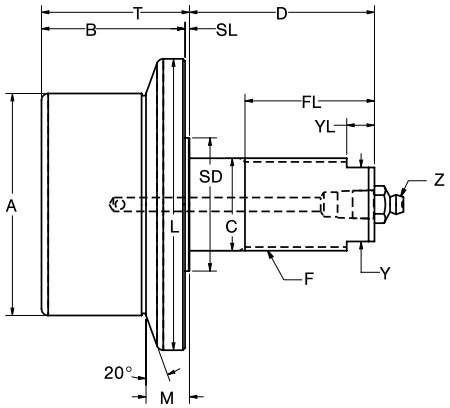
Flanged – Stud Type Concentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

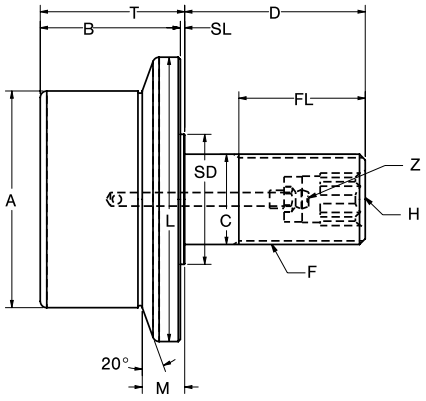
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia	Width	Dia.	Len.	Len. + Roller Width	Size	Len.	
FTR-1.00-SS-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	1.38	0.22	0.5	0.03	0.78	0.312	0.250	1/8 Drive
FTR-1.125-SS-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	1.50	0.22	0.5	0.03	0.78	0.312	0.250	1/8 Drive
FTR-1.25-SS-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	1.56	0.22	0.6	0.03	0.84	0.375	0.250	1/8 Drive
FTR-1.375-SS-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	1.69	0.22	0.6	0.03	0.84	0.375	0.250	1/8 Drive
FTR-1.50-SS-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	2.19	0.34	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
FTR-1.75-SS-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	2.44	0.34	0.9	0.06	1.19	0.625	0.375	1/8-27 NPT
FTR-2.00-SS-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	2.69	0.59	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
FTR-2.25-SS-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	2.94	0.59	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
FTR-2.50-SS-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	3.19	0.59	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
FTR-2.50E-SS-R	2.500	1.75	1.000	2.25	1 - 14	1.50	-	3.19	0.59	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
FTR-2.75-SS-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	3.44	0.59	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
FTR-2.75E-SS-R	2.750	1.75	1.000	2.25	1 - 14	1.50	-	3.44	0.59	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
FTR-3.00A-SS-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	3.94	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF
FTR-3.00-SS-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	3.94	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-3.25A-SS-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.19	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF
FTR-3.25-SS-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.19	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-3.50A-SS-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.44	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF
FTR-3.50-SS-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.44	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-4.00A-SS-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF
FTR-4.00-SS-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-4.50-SS-R	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	5.44	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-4.75-SS-R	4.750	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	5.75	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-5.00-SS-R	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	5.94	0.72	3.0	0.06	3.00	-	-	1/4-28 UNF
FTR-6.00-SS-R	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	6.94	0.72	3.5	0.06	3.00	-	-	1/4-28 UNF



THROUGH 2.75-R



3.00 ROLLER DIA. AND LARGER



FTR-SS-R – STAINLESS – 316

Flanged – Stud Type Concentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTR-1.00-SS-R	560	270	140	70	24,000	140	390	50	PFC Lip	DGBB-SS	0.20
FTR-1.125-SS-R	560	270	140	70	24,000	140	390	50	PFC Lip	DGBB-SS	0.24
FTR-1.25-SS-R	740	370	190	100	19,000	250	470	50	PFC Lip	DGBB-SS	0.32
FTR-1.375-SS-R	740	370	190	100	19,000	250	470	50	PFC Lip	DGBB-SS	0.37
FTR-1.50-SS-R	2,090	1,350	530	340	15,000	440	550	180	PFC Lip	DGBB-SS	0.66
FTR-1.75-SS-R	2,090	1,350	530	340	15,000	440	550	350	PFC Lip	DGBB-SS	0.97
FTR-2.00-SS-R	2,940	2,140	740	540	12,000	1,000	900	350	PFC Lip	DGBB-SS	1.76
FTR-2.25-SS-R	2,940	2,140	740	540	12,000	1,000	900	350	PFC Lip	DGBB-SS	2.18
FTR-2.50-SS-R	4,270	3,440	1,070	860	8,500	2,270	1,340	350	PFC Lip	DGBB-SS	2.70
FTR-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	2,150	-	1,000	NBR Dual Lip	PREMIUM TRB	2.79
FTR-2.75-SS-R	4,270	3,440	1,070	860	8,500	2,270	1,340	350	PFC Lip	DGBB-SS	3.20
FTR-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	2,150	-	1,000	NBR Dual Lip	PREMIUM TRB	3.29
FTR-3.00A-SS-R	6,010	5,040	1,510	1,260	8,000	3,900	1,950	650	PFC Lip	DGBB-SS	4.60
FTR-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	4.72
FTR-3.25A-SS-R	6,010	5,040	1,510	1,260	8,000	3,900	1,950	650	PFC Lip	DGBB-SS	5.34
FTR-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.54
FTR-3.50A-SS-R	6,010	5,040	1,510	1,260	8,000	3,900	1,950	650	PFC Lip	DGBB-SS	6.08
FTR-3.50-SS-R	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
FTR-4.00A-SS-R	6,010	5,040	1,510	1,260	8,000	3,900	1,950	650	PFC Lip	DGBB-SS	7.92
FTR-4.00-SS-R	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	8.22
FTR-4.50-SS-R	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	10.16
FTR-4.75-SS-R	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	11.22
FTR-5.00-SS-R	38,060	58,400	14,350	37,660	1,550	11,110	-	1,500	NBR Dual Lip	PREMIUM TRB	20.22
FTR-6.00-SS-R	37,990	56,200	15,320	38,740	1,250	21,700	-	1,500	NBR Dual Lip	PREMIUM TRB	30.72



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

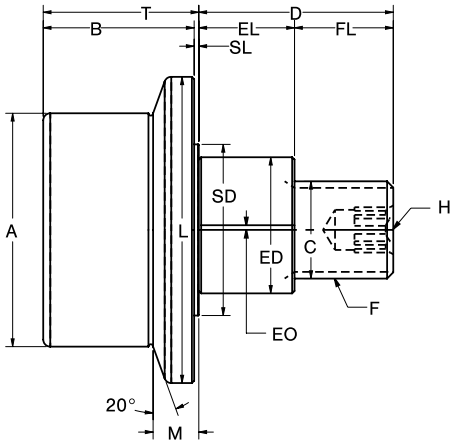
FTRE-SS – STAINLESS – 316

Flanged – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
FTRE-1.00-SS	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.38	0.22	0.7	0.03	0.78
FTRE-1.125-SS	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.50	0.22	0.7	0.03	0.78
FTRE-1.25-SS	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.56	0.22	0.8	0.03	0.84
FTRE-1.375-SS	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.69	0.22	0.8	0.03	0.84
FTRE-1.50-SS	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.19	0.34	1.1	0.06	1.19
FTRE-1.75-SS	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	2.44	0.34	1.3	0.06	1.19
FTRE-2.00-SS	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59	1.5	0.06	1.69
FTRE-2.25-SS	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.59	1.5	0.06	1.69
FTRE-2.50-SS	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.19	0.59	1.7	0.06	1.69
FTRE-2.50E-SS	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	3.19	0.59	1.7	0.06	1.81
FTRE-2.75-SS	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.44	0.59	1.7	0.06	1.69
FTRE-2.75E-SS	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	3.44	0.59	1.7	0.06	1.81
FTRE-3.00A-SS	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00
FTRE-3.00-SS	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00
FTRE-3.25A-SS	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00
FTRE-3.25-SS	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00
FTRE-3.50A-SS	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00
FTRE-3.50-SS	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00
FTRE-4.00A-SS	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00
FTRE-4.00-SS	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00
FTRE-4.50-SS	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.44	0.59	2.2	0.06	2.00
FTRE-4.75-SS	4.750	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.75	0.59	2.2	0.06	2.00
FTRE-5.00-SS	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	5.94	0.72	3.3	0.06	3.00
FTRE-6.00-SS	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	6.94	0.72	3.6	0.06	3.00





FTRE-SS – STAINLESS – 316

Flanged – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRE-1.00-SS	560	270	140	70	24,000	140	390	100	PFC Lip	DGBB-SS	0.22
FTRE-1.125-SS	560	270	140	70	24,000	140	390	100	PFC Lip	DGBB-SS	0.27
FTRE-1.25-SS	740	370	190	100	19,000	250	470	100	PFC Lip	DGBB-SS	0.34
FTRE-1.375-SS	740	370	190	100	19,000	250	470	100	PFC Lip	DGBB-SS	0.41
FTRE-1.50-SS	2,090	1,350	530	340	15,000	440	550	350	PFC Lip	DGBB-SS	0.76
FTRE-1.75-SS	2,090	1,350	530	340	15,000	440	550	350	PFC Lip	DGBB-SS	1.08
FTRE-2.00-SS	2,940	2,140	740	540	12,000	1,000	900	350	PFC Lip	DGBB-SS	1.96
FTRE-2.25-SS	2,940	2,140	740	540	12,000	1,000	900	350	PFC Lip	DGBB-SS	2.37
FTRE-2.50-SS	4,270	3,440	1,070	860	8,500	2,530	1,340	350	PFC Lip	DGBB-SS	2.87
FTRE-2.50E-SS	13,720	14,800	5,130	9,470	2,100	2,150	-	1,000	NBR Dual Lip	PREMIUM TRB	3.06
FTRE-2.75-SS	4,270	3,440	1,070	860	8,500	2,530	1,340	350	PFC Lip	DGBB-SS	3.38
FTRE-2.75E-SS	13,720	14,800	5,130	9,470	2,100	2,150	-	1,000	NBR Dual Lip	PREMIUM TRB	3.47
FTRE-3.00A-SS	6,010	5,040	1,510	1,260	8,000	4,600	1,950	650	PFC Lip	DGBB-SS	5.15
FTRE-3.00-SS	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.19
FTRE-3.25A-SS	6,010	5,040	1,510	1,260	8,000	4,600	1,950	650	PFC Lip	DGBB-SS	5.85
FTRE-3.25-SS	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.90
FTRE-3.50A-SS	6,010	5,040	1,510	1,260	8,000	4,600	1,950	650	PFC Lip	DGBB-SS	6.81
FTRE-3.50-SS	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	6.87
FTRE-4.00A-SS	6,010	5,040	1,510	1,260	8,000	4,600	1,950	650	PFC Lip	DGBB-SS	8.48
FTRE-4.00-SS	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	8.82
FTRE-4.50-SS	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	10.52
FTRE-4.75-SS	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	11.47
FTRE-5.00-SS	38,060	58,400	14,350	37,660	1,550	11,140	-	1,500	NBR Dual Lip	PREMIUM TRB	21.62
FTRE-6.00-SS	37,990	56,200	15,320	38,740	1,250	21,700	-	1,500	NBR Dual Lip	PREMIUM TRB	32.75





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FTRE-SS-R – STAINLESS – 316

Flanged – Stud Type Eccentric
Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

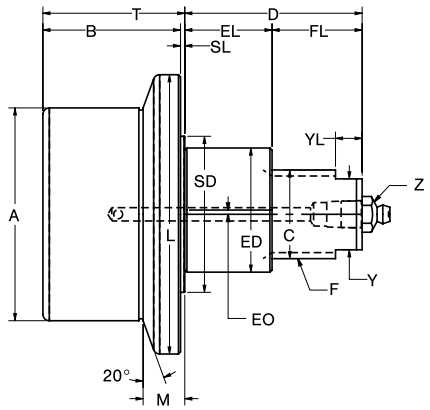
Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	Size	Len.	
FTRE-1.00-SS-R	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	1.38	0.22	0.7	0.03	0.78	0.312	0.250	1/8 Drive
FTRE-1.125-SS-R	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	1.50	0.22	0.7	0.03	0.78	0.312	0.250	1/8 Drive
FTRE-1.25-SS-R	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	1.56	0.22	0.8	0.03	0.84	0.375	0.250	1/8 Drive
FTRE-1.375-SS-R	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	1.69	0.22	0.8	0.03	0.84	0.375	0.250	1/8 Drive
FTRE-1.50-SS-R	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	2.19	0.34	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF
FTRE-1.75-SS-R	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	-	2.44	0.34	1.3	0.06	1.19	0.625	0.375	1/8-27 NPT
FTRE-2.00-SS-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.69	0.59	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
FTRE-2.25-SS-R	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.94	0.59	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
FTRE-2.50-SS-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.19	0.59	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
FTRE-2.50E-SS-R	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.19	0.59	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
FTRE-2.75-SS-R	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.44	0.59	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
FTRE-2.75E-SS-R	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.44	0.59	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
FTRE-3.00A-SS-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	3.94	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.00-SS-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	3.94	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.25A-SS-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	4.19	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.25-SS-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	4.19	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.50A-SS-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.44	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.50-SS-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.44	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-4.00A-SS-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.94	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-4.00-SS-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.94	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-4.50-SS-R	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	5.44	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-4.75-SS-R	4.750	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	5.75	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-5.00-SS-R	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	5.94	0.72	3.3	0.06	3.00	-	-	1/4-28 UNF
FTRE-6.00-SS-R	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	6.94	0.72	3.6	0.06	3.00	-	-	1/4-28 UNF

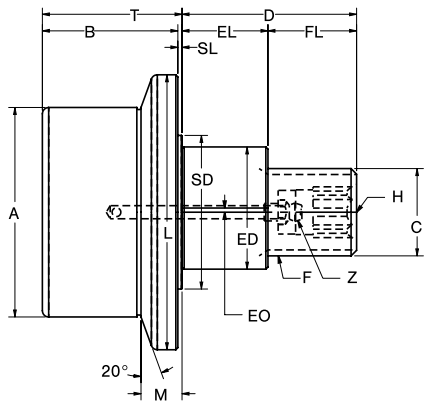




THROUGH 2.75-R



3.00 ROLLER DIA. AND LARGER



Solutions Through Innovation

FTRE-SS-R – STAINLESS – 316

Flanged – Stud Type Eccentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRE-1.00-SS-R	560	270	140	70	24,000	140	390	100	PFC Lip	DGBB-SS	0.22
FTRE-1.125-SS-R	560	270	140	70	24,000	140	390	100	PFC Lip	DGBB-SS	0.27
FTRE-1.25-SS-R	740	370	190	100	19,000	250	470	100	PFC Lip	DGBB-SS	0.34
FTRE-1.375-SS-R	740	370	190	100	19,000	250	470	100	PFC Lip	DGBB-SS	0.41
FTRE-1.50-SS-R	2,090	1,350	530	340	15,000	440	550	350	PFC Lip	DGBB-SS	0.76
FTRE-1.75-SS-R	2,090	1,350	530	340	15,000	440	550	350	PFC Lip	DGBB-SS	1.08
FTRE-2.00-SS-R	2,940	2,140	740	540	12,000	1,000	900	350	PFC Lip	DGBB-SS	1.96
FTRE-2.25-SS-R	2,940	2,140	740	540	12,000	1,000	900	350	PFC Lip	DGBB-SS	2.37
FTRE-2.50-SS-R	4,270	3,440	1,070	860	8,500	2,530	1,340	350	PFC Lip	DGBB-SS	2.87
FTRE-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	2,150	-	1,000	NBR Dual Lip	PREMIUM TRB	3.06
FTRE-2.75-SS-R	4,270	3,440	1,070	860	8,500	2,530	1,340	350	PFC Lip	DGBB-SS	3.38
FTRE-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	2,150	-	1,000	NBR Dual Lip	PREMIUM TRB	3.47
FTRE-3.00A-SS-R	6,010	5,040	1,510	1,260	8,000	4,600	1,950	650	PFC Lip	DGBB-SS	5.15
FTRE-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.19
FTRE-3.25A-SS-R	6,010	5,040	1,510	1,260	8,000	4,600	1,950	650	PFC Lip	DGBB-SS	5.85
FTRE-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.90
FTRE-3.50A-SS-R	6,010	5,040	1,510	1,260	8,000	4,600	1,950	650	PFC Lip	DGBB-SS	6.81
FTRE-3.50-SS-R	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	6.87
FTRE-4.00A-SS-R	6,010	5,040	1,510	1,260	8,000	4,600	1,950	650	PFC Lip	DGBB-SS	8.48
FTRE-4.00-SS-R	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	8.82
FTRE-4.50-SS-R	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	10.52
FTRE-4.75-SS-R	17,940	20,000	7,410	14,120	2,490	3,900	-	1,500	NBR Dual Lip	PREMIUM TRB	11.47
FTRE-5.00-SS-R	38,060	58,400	14,350	37,660	1,550	11,140	-	1,500	NBR Dual Lip	PREMIUM TRB	21.62
FTRE-6.00-SS-R	37,990	56,200	15,320	38,740	1,250	21,700	-	1,500	NBR Dual Lip	PREMIUM TRB	32.75



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FTRY-SS – STAINLESS – 316

Flanged – Yoke Type
Ball & Tapered Roller Bearings

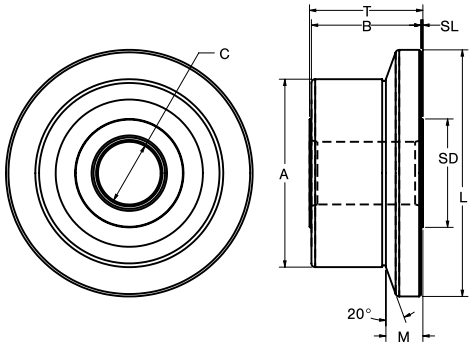
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T
	ROLLER		Bore Dia. +.0007 -.0000	FLANGE		SHOULDER		Inner Race Width +.005 -.010
	Dia. +.000 -.001	Width		Dia.	Width	Dia.	Len.	
FTRY-1.00-SS	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688
FTRY-1.125-SS	1.125	0.63	0.3130	1.38	0.22	0.6	0.03	0.688
FTRY-1.25-SS	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813
FTRY-1.375-SS	1.375	0.75	0.3755	1.56	0.22	0.6	0.03	0.813
FTRY-1.50-SS	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937
FTRY-1.75-SS	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063
FTRY-2.00-SS	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313
FTRY-2.25-SS	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313
FTRY-2.50-SS	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563
FTRY-2.50E-SS	2.500	1.50	0.7505	3.19	0.50	1.3	0.03	1.563
FTRY-2.75-SS	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563
FTRY-2.75E-SS	2.750	1.50	0.7505	3.44	0.50	1.3	0.03	1.563
FTRY-3.00A-SS	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813
FTRY-3.00-SS	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813
FTRY-3.25A-SS	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813
FTRY-3.25-SS	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813
FTRY-3.50A-SS	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063
FTRY-3.50-SS	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063
FTRY-4.00A-SS	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313
FTRY-4.00-SS	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313
FTRY-5.00-SS	5.000	2.75	1.7508	5.94	0.72	3.2	0.06	2.875
FTRY-6.00-SS	6.000	3.25	2.2508	6.94	0.72	3.5	0.06	3.375

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312-SS	YSHE-.312-SS
YSH-.312-SS	YSHE-.312-SS
YSH-.375-SS	YSHE-.375-SS
YSH-.375-SS	YSHE-.375-SS
YSH-.437-SS	YSHE-.437-SS
YSH-.500-SS	YSHE-.500-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.125-SS	YSHE-1.125-SS
YSH-1.125-SS	YSHE-1.125-SS
YSH-1.250-SS	YSHE-1.250-SS
YSH-1.250-SS	YSHE-1.250-SS
YSH-1.750-SS	YSHE-1.750-SS
YSH-2.250-SS	YSHE-2.250-SS







FTRY-SS – STAINLESS – 316

Flanged – Yoke Type
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Static Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRY-1.00-SS	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.12
FTRY-1.125-SS	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.15
FTRY-1.25-SS	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.2
FTRY-1.375-SS	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.25
FTRY-1.50-SS	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.37
FTRY-1.75-SS	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.59
FTRY-2.00-SS	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.07
FTRY-2.25-SS	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.40
FTRY-2.50-SS	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	1.84
FTRY-2.50E-SS	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.92
FTRY-2.75-SS	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.37
FTRY-2.75E-SS	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.39
FTRY-3.00A-SS	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.16
FTRY-3.00-SS	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.38
FTRY-3.25A-SS	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.83
FTRY-3.25-SS	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.03
FTRY-3.50A-SS	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	4.80
FTRY-3.50-SS	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	5.16
FTRY-4.00A-SS	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	7.05
FTRY-4.00-SS	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	7.72
FTRY-5.00-SS	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	13.57
FTRY-6.00-SS	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	21.49





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FTRY-SS-R – STAINLESS – 316

Flanged – Yoke Type
Ball & Tapered Bearings - Regreasable

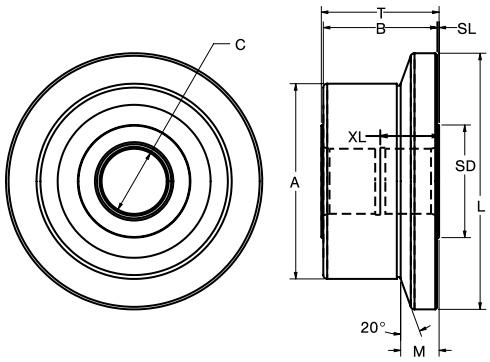
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	XL
	ROLLER		Bore Dia. +.0007 -.0000	FLANGE		SHOULDER		Inner Race Width +.005 -.010	Grease Groove Location
	Dia. +.000 -.001	Width		Dia.	Width	Dia.	Len.		
FTRY-1.00-SS-R	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688	0.34
FTRY-1.125-SS-R	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688	0.34
FTRY-1.25-SS-R	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813	0.41
FTRY-1.375-SS-R	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813	0.41
FTRY-1.50-SS-R	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	0.47
FTRY-1.75-SS-R	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	0.53
FTRY-2.00-SS-R	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	0.66
FTRY-2.25-SS-R	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	0.66
FTRY-2.50-SS-R	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	0.78
FTRY-2.50E-SS-R	2.500	1.50	0.7505	3.19	0.50	1.3	0.03	1.563	0.78
FTRY-2.75-SS-R	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	0.78
FTRY-2.75E-SS-R	2.750	1.50	0.7505	3.44	0.50	1.3	0.03	1.563	0.78
FTRY-3.00-SS-R	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.91
FTRY-3.00A-SS-R	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.91
FTRY-3.25-SS-R	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.91
FTRY-3.25A-SS-R	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.91
FTRY-3.50-SS-R	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	1.03
FTRY-3.50A-SS-R	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	1.03
FTRY-4.00-SS-R	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.16
FTRY-4.00A-SS-R	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.16
FTRY-5.00-SS-R	5.000	2.75	1.7508	5.94	0.72	3.2	0.06	2.875	1.44
FTRY-6.00-SS-R	6.000	3.25	2.2508	6.94	0.72	3.5	0.06	3.375	1.69

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312-SS-R	YSHE-.312-SS-R
YSH-.312-SS-R	YSHE-.312-SS-R
YSH-.375-SS-R	YSHE-.375-SS-R
YSH-.375-SS-R	YSHE-.375-SS-R
YSH-.437-SS-R	YSHE-.437-SS-R
YSH-.500-SS-R	YSHE-.500-SS-R
YSH-.625-SS-R	YSHE-.625-SS-R
YSH-.625-SS-R	YSHE-.625-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.250-SS-R	YSHE-1.250-SS-R
YSH-1.250-SS-R	YSHE-1.250-SS-R
YSH-1.250-SS-R	YSHE-1.250-SS-R
YSH-1.250-SS-R	YSHE-1.250-SS-R
YSH-1.750-SS-R	YSHE-1.750-SS-R
YSH-2.250-SS-R	YSHE-2.250-SS-R







FTRY-SS-R – STAINLESS – 316

Flanged – Yoke Type
Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Static Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRY-1.00-SS-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.12
FTRY-1.125-SS-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.15
FTRY-1.25-SS-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.2
FTRY-1.375-SS-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.25
FTRY-1.50-SS-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.37
FTRY-1.75-SS-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.59
FTRY-2.00-SS-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.07
FTRY-2.25-SS-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.40
FTRY-2.50-SS-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	1.84
FTRY-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.92
FTRY-2.75-SS-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.37
FTRY-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.39
FTRY-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.38
FTRY-3.00A-SS-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.16
FTRY-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.03
FTRY-3.25A-SS-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.83
FTRY-3.50-SS-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	5.16
FTRY-3.50A-SS-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	4.80
FTRY-4.00-SS-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	7.72
FTRY-4.00A-SS-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	7.05
FTRY-5.00-SS-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	13.57
FTRY-6.00-SS-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	21.49





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

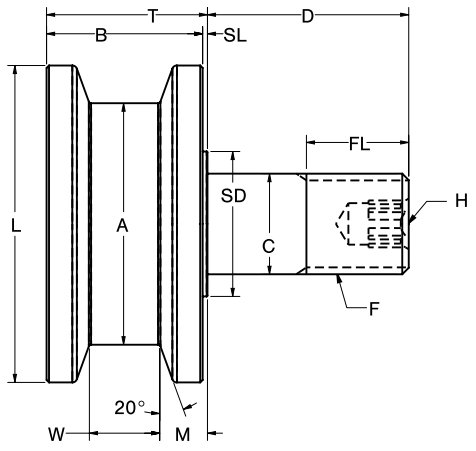
FFTR-SS – STAINLESS – 316

Double Flanged – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T	W
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER			Tread Width
	Dia. +.000 -.001	Width	Dia.	Len.	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	
FFTR-1.00-SS	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.38	0.22	0.5	0.03	0.78	0.37
FFTR-1.125-SS	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.50	0.22	0.5	0.03	0.78	0.37
FFTR-1.25-SS	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.56	0.22	0.6	0.03	0.84	0.43
FFTR-1.375-SS	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.69	0.22	0.6	0.03	0.84	0.43
FFTR-1.50-SS	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.19	0.34	0.8	0.06	1.19	0.56
FFTR-1.75-SS	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	2.44	0.34	0.9	0.06	1.19	0.56
FFTR-2.00-SS	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59	1.0	0.06	1.69	0.56
FFTR-2.25-SS	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.59	1.0	0.06	1.69	0.56
FFTR-2.50-SS	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	3.19	0.59	1.2	0.06	1.69	0.56
FFTR-2.50E-SS	2.500	1.75	1.000	2.25	1 - 14	1.50	1/2	3.19	0.59	1.3	0.06	1.81	0.69
FFTR-2.75-SS	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	3.44	0.59	1.2	0.06	1.69	0.56
FFTR-2.75E-SS	2.750	1.75	1.000	2.25	1 - 14	1.50	1/2	3.44	0.59	1.3	0.06	1.81	0.69
FFTR-3.00A-SS	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.5	0.06	2.00	0.88
FFTR-3.00-SS	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.8	0.06	2.00	0.88
FFTR-3.25A-SS	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.5	0.06	2.00	0.88
FFTR-3.25-SS	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.8	0.06	2.00	0.88
FFTR-3.50A-SS	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.5	0.06	2.00	0.88
FFTR-3.50-SS	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.8	0.06	2.00	0.88
FFTR-4.00A-SS	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.5	0.06	2.00	0.88
FFTR-4.00-SS	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.8	0.06	2.00	0.88
FFTR-4.50-SS	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.44	0.59	1.8	0.06	2.00	0.88
FFTR-4.75-SS	4.750	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.75	0.59	1.8	0.06	2.00	0.88
FFTR-5.00-SS	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	5.94	0.72	3.0	0.06	3.00	1.63
FFTR-6.00-SS	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	6.94	0.72	3.5	0.06	3.00	1.63





FFTR-SS – STAINLESS – 316

Double Flanged – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTR-1.00-SS	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.23
FFTR-1.125-SS	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.28
FFTR-1.25-SS	740	370	190	100	19,000	320	470	50	PFC Lip	DGBB-SS	0.34
FFTR-1.375-SS	740	370	190	100	19,000	320	470	50	PFC Lip	DGBB-SS	0.41
FFTR-1.50-SS	2,090	1,350	530	340	15,000	570	550	180	PFC Lip	DGBB-SS	0.81
FFTR-1.75-SS	2,090	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	1.14
FFTR-2.00-SS	2,940	2,140	740	540	12,000	1,510	900	350	PFC Lip	DGBB-SS	2.15
FFTR-2.25-SS	2,940	2,140	740	540	12,000	1,510	900	350	PFC Lip	DGBB-SS	2.61
FFTR-2.50-SS	4,270	3,440	1,070	860	8,500	2,950	1,340	350	PFC Lip	DGBB-SS	3.16
FFTR-2.50E-SS	13,720	14,800	5,130	9,470	2,100	2,760	-	1,500	NBR Dual Lip	PREMIUM TRB	3.31
FFTR-2.75-SS	4,270	3,440	1,070	860	8,500	2,950	1,340	350	PFC Lip	DGBB-SS	3.72
FFTR-2.75E-SS	13,720	14,800	5,130	9,470	2,100	2,760	-	1,500	NBR Dual Lip	PREMIUM TRB	3.90
FFTR-3.00A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	5.25
FFTR-3.00-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.46
FFTR-3.25A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	5.89
FFTR-3.25-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	6.24
FFTR-3.50A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	6.78
FFTR-3.50-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	7.17
FFTR-4.00A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	8.55
FFTR-4.00-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	9.01
FFTR-4.50-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	10.76
FFTR-4.75-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	12.25
FFTR-5.00-SS	38,060	58,400	14,350	37,660	1,550	13,510	-	1,500	NBR Dual Lip	PREMIUM TRB	21.39
FFTR-6.00-SS	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	31.82



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FFTR-SS-R – STAINLESS – 316

Double Flanged – Stud Type Concentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

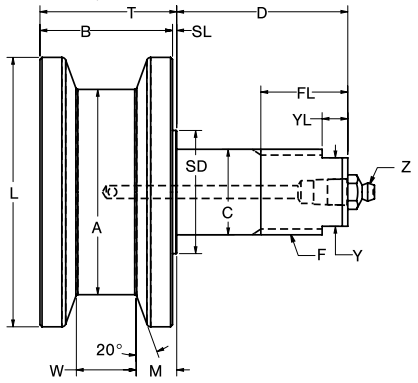
Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER			Tread Width	WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Size	Len.		Dia	Width	Dia.	Len.	Len. + Roller Width		Size	Len.	
FFTR-1.00-SS-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	1.38	0.22	0.5	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTR-1.125-SS-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	1.50	0.22	0.5	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTR-1.25-SS-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	1.56	0.22	0.6	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTR-1.375-SS-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	1.69	0.22	0.6	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTR-1.50-SS-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	2.19	0.34	0.8	0.06	1.19	0.56	0.500	0.375	1/4-28 UNF
FFTR-1.75-SS-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	2.44	0.34	0.9	0.06	1.19	0.56	0.625	0.375	1/8-27 NPT
FFTR-2.00-SS-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	2.69	0.59	1.0	0.06	1.69	0.56	0.625	0.375	1/8-27 NPT
FFTR-2.25-SS-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	2.94	0.59	1.0	0.06	1.69	0.56	0.625	0.375	1/8-27 NPT
FFTR-2.50-SS-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	3.19	0.59	1.2	0.06	1.69	0.56	0.875	0.375	1/8-27 NPT
FFTR-2.50E-SS-R	2.500	1.75	1.000	2.25	1 - 14	1.50	-	3.19	0.59	1.3	0.06	1.81	0.69	0.875	0.375	1/8-27 NPT
FFTR-2.75-SS-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	3.44	0.59	1.2	0.06	1.69	0.56	0.875	0.375	1/8-27 NPT
FFTR-2.75E-SS-R	2.750	1.75	1.000	2.25	1 - 14	1.50	-	3.44	0.59	1.3	0.06	1.81	0.69	0.875	0.375	1/8-27 NPT
FFTR-3.00A-SS-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	3.94	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.00-SS-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	3.94	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.25A-SS-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.19	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.25-SS-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.19	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.50A-SS-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.44	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.50-SS-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.44	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-4.00A-SS-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-4.00-SS-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-4.50-SS-R	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	5.44	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-4.75-SS-R	4.750	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	5.75	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-5.00-SS-R	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	5.94	0.72	3.0	0.06	3.00	1.63	-	-	1/4-28 UNF
FFTR-6.00-SS-R	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	6.94	0.72	3.5	0.06	3.00	1.63	-	-	1/4-28 UNF

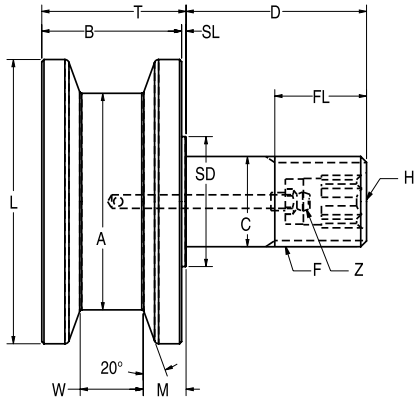




THROUGH 2.75-R



3.00 ROLLER DIA. AND LARGER



FFTR-SS-R – STAINLESS – 316

Double Flanged – Stud Type Concentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTR-1.00-SS-R	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.23
FFTR-1.125-SS-R	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.28
FFTR-1.25-SS-R	740	370	190	100	19,000	320	470	50	PFC Lip	DGBB-SS	0.34
FFTR-1.375-SS-R	740	370	190	100	19,000	320	470	50	PFC Lip	DGBB-SS	0.41
FFTR-1.50-SS-R	2,090	1,350	530	340	15,000	570	550	180	PFC Lip	DGBB-SS	0.81
FFTR-1.75-SS-R	2,090	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	1.14
FFTR-2.00-SS-R	2,940	2,140	740	540	12,000	1,510	900	350	PFC Lip	DGBB-SS	2.15
FFTR-2.25-SS-R	2,940	2,140	740	540	12,000	1,510	900	350	PFC Lip	DGBB-SS	2.61
FFTR-2.50-SS-R	4,270	3,440	1,070	860	8,500	2,950	1,340	350	PFC Lip	DGBB-SS	3.16
FFTR-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	2,760	-	1,500	NBR Dual Lip	PREMIUM TRB	3.31
FFTR-2.75-SS-R	4,270	3,440	1,070	860	8,500	2,950	1,340	350	PFC Lip	DGBB-SS	3.72
FFTR-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	2,760	-	1,500	NBR Dual Lip	PREMIUM TRB	3.90
FFTR-3.00A-SS-R	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	5.25
FFTR-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.46
FFTR-3.25A-SS-R	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	5.89
FFTR-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	6.24
FFTR-3.50A-SS-R	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	6.78
FFTR-3.50-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	7.17
FFTR-4.00A-SS-R	6,010	5,040	1,510	1,260	8,000	4,900	1,950	650	PFC Lip	DGBB-SS	8.55
FFTR-4.00-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	9.01
FFTR-4.50-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	10.76
FFTR-4.75-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	12.25
FFTR-5.00-SS-R	38,060	58,400	14,350	37,660	1,550	13,510	-	1,500	NBR Dual Lip	PREMIUM TRB	21.39
FFTR-6.00-SS-R	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	31.82





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FFTRE-SS – STAINLESS – 316

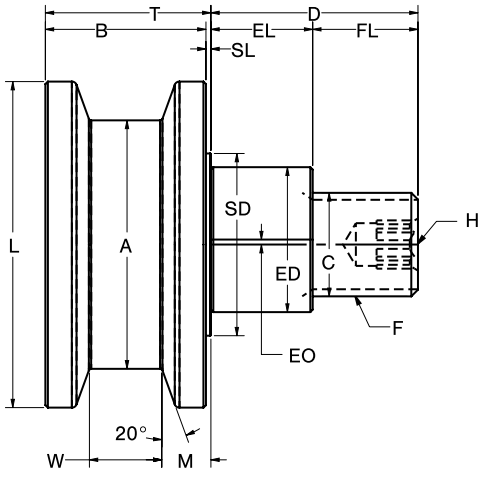
Double Flanged – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T	W
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER			Tread Width
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	
FFTRE-1.00-SS	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.38	0.22	0.7	0.03	0.78	0.37
FFTRE-1.125-SS	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.50	0.22	0.7	0.03	0.78	0.37
FFTRE-1.25-SS	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.56	0.22	0.8	0.03	0.84	0.43
FFTRE-1.375-SS	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.69	0.22	0.8	0.03	0.84	0.43
FFTRE-1.50-SS	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.19	0.34	1.1	0.06	1.19	0.56
FFTRE-1.75-SS	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	2.44	0.34	1.3	0.06	1.19	0.56
FFTRE-2.00-SS	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59	1.5	0.06	1.69	0.56
FFTRE-2.25-SS	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.59	1.5	0.06	1.69	0.56
FFTRE-2.50-SS	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.19	0.59	1.7	0.06	1.69	0.56
FFTRE-2.50E-SS	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	3.19	0.59	1.7	0.06	1.81	0.69
FFTRE-2.75-SS	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.44	0.59	1.7	0.06	1.69	0.56
FFTRE-2.75E-SS	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	3.44	0.59	1.7	0.06	1.81	0.69
FFTRE-3.00A-SS	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00	0.88
FFTRE-3.00-SS	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00	0.88
FFTRE-3.25A-SS	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00	0.88
FFTRE-3.25-SS	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00	0.88
FFTRE-3.50A-SS	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00	0.88
FFTRE-3.50-SS	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00	0.88
FFTRE-4.00A-SS	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00	0.88
FFTRE-4.00-SS	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00	0.88
FFTRE-4.50-SS	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.44	0.59	2.2	0.06	2.00	0.88
FFTRE-4.75-SS	4.750	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.75	0.59	2.2	0.06	2.00	0.88
FFTRE-5.00-SS	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	5.94	0.72	3.3	0.06	3.00	1.63
FFTRE-6.00-SS	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	6.94	0.72	3.6	0.06	3.00	1.63







FFTRE-SS – STAINLESS – 316

Double Flanged – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRE-1.00-SS	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.25
FFTRE-1.125-SS	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.31
FFTRE-1.25-SS	740	370	190	100	19,000	340	470	100	PFC Lip	DGBB-SS	0.36
FFTRE-1.375-SS	740	370	190	100	19,000	340	470	100	PFC Lip	DGBB-SS	0.45
FFTRE-1.50-SS	2,090	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	0.91
FFTRE-1.75-SS	2,090	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	1.25
FFTRE-2.00-SS	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	2.29
FFTRE-2.25-SS	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	2.80
FFTRE-2.50-SS	4,270	3,440	1,070	860	8,500	3,480	1,340	350	PFC Lip	DGBB-SS	3.48
FFTRE-2.50E-SS	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	3.67
FFTRE-2.75-SS	4,270	3,440	1,070	860	8,500	3,480	1,340	350	PFC Lip	DGBB-SS	3.98
FFTRE-2.75E-SS	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	4.16
FFTRE-3.00A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	5.77
FFTRE-3.00-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.81
FFTRE-3.25A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	6.40
FFTRE-3.25-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	6.45
FFTRE-3.50A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	7.57
FFTRE-3.50-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	7.75
FFTRE-4.00A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	9.11
FFTRE-4.00-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	9.61
FFTRE-4.50-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	11.34
FFTRE-4.75-SS	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	12.50
FFTRE-5.00-SS	38,060	58,400	14,350	37,660	1,550	13,510	-	1,500	NBR Dual Lip	PREMIUM TRB	22.79
FFTRE-6.00-SS	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	33.85





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FFTRE-SS-R – STAINLESS – 316

Double Flanged – Stud Type Eccentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

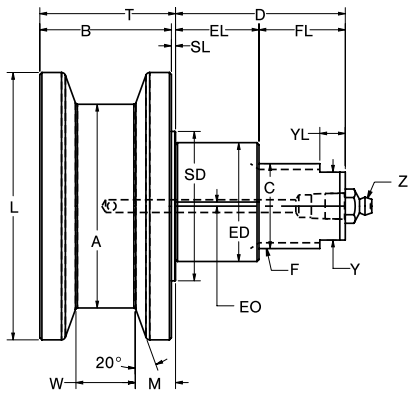
Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER			Tread Width	WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width		Flat Size	Flat Len.	
FFTRE-1.00-SS-R	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	1.38	0.22	0.7	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTRE-1.125-SS-R	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	1.50	0.22	0.7	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTRE-1.25-SS-R	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	1.56	0.22	0.8	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTRE-1.375-SS-R	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	1.69	0.22	0.8	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTRE-1.50-SS-R	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	2.19	0.34	1.1	0.06	1.19	0.56	0.500	0.375	1/4-28 UNF
FFTRE-1.75-SS-R	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	-	2.44	0.34	1.3	0.06	1.19	0.56	0.625	0.375	1/8-27 NPT
FFTRE-2.00-SS-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.69	0.59	1.5	0.06	1.69	0.56	0.625	0.375	1/8-27 NPT
FFTRE-2.25-SS-R	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.94	0.59	1.5	0.06	1.69	0.56	0.625	0.375	1/8-27 NPT
FFTRE-2.50-SS-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.19	0.59	1.7	0.06	1.69	0.56	0.875	0.375	1/8-27 NPT
FFTRE-2.50E-SS-R	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.19	0.59	1.7	0.06	1.81	0.69	0.875	0.375	1/8-27 NPT
FFTRE-2.75-SS-R	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.44	0.59	1.7	0.06	1.69	0.56	0.875	0.375	1/8-27 NPT
FFTRE-2.75E-SS-R	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.44	0.59	1.7	0.06	1.81	0.69	0.875	0.375	1/8-27 NPT
FFTRE-3.00A-SS-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	3.94	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.00-SS-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	3.94	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.25A-SS-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	4.19	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.25-SS-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	4.19	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.50A-SS-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.44	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.50-SS-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.44	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-4.00A-SS-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.94	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-4.00-SS-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.94	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-4.50-SS-R	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	5.44	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-4.75-SS-R	4.750	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	5.75	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-5.00-SS-R	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	5.94	0.72	3.3	0.06	3.00	1.63	-	-	1/4-28 UNF
FFTRE-6.00-SS-R	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	6.94	0.72	3.6	0.06	3.00	1.63	-	-	1/4-28 UNF

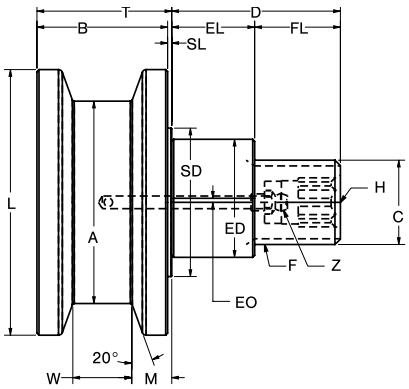




THROUGH 2.75-R



3.00 ROLLER DIA. AND LARGER



FFTRE-SS-R – STAINLESS – 316

Double Flanged – Stud Type Eccentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRE-1.00-SS-R	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.25
FFTRE-1.125-SS-R	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.31
FFTRE-1.25-SS-R	740	370	190	100	19,000	340	470	100	PFC Lip	DGBB-SS	0.36
FFTRE-1.375-SS-R	740	370	190	100	19,000	340	470	100	PFC Lip	DGBB-SS	0.45
FFTRE-1.50-SS-R	2,090	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	0.91
FFTRE-1.75-SS-R	2,090	1,350	530	340	15,000	570	550	350	PFC Lip	DGBB-SS	1.25
FFTRE-2.00-SS-R	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	2.29
FFTRE-2.25-SS-R	2,940	2,140	740	540	12,000	1,570	900	350	PFC Lip	DGBB-SS	2.80
FFTRE-2.50-SS-R	4,270	3,440	1,070	860	8,500	3,480	1,340	350	PFC Lip	DGBB-SS	3.48
FFTRE-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	3.67
FFTRE-2.75-SS-R	4,270	3,440	1,070	860	8,500	3,480	1,340	350	PFC Lip	DGBB-SS	3.98
FFTRE-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	2,760	-	1,000	NBR Dual Lip	PREMIUM TRB	4.16
FFTRE-3.00A-SS-R	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	5.77
FFTRE-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	5.81
FFTRE-3.25A-SS-R	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	6.40
FFTRE-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	6.45
FFTRE-3.50A-SS-R	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	7.57
FFTRE-3.50-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	7.75
FFTRE-4.00A-SS-R	6,010	5,040	1,510	1,260	8,000	6,450	1,950	650	PFC Lip	DGBB-SS	9.11
FFTRE-4.00-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	9.61
FFTRE-4.50-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	11.34
FFTRE-4.75-SS-R	17,940	20,000	7,410	14,120	2,490	4,900	-	1,500	NBR Dual Lip	PREMIUM TRB	12.50
FFTRE-5.00-SS-R	38,060	58,400	14,350	37,660	1,550	13,510	-	1,500	NBR Dual Lip	PREMIUM TRB	22.79
FFTRE-6.00-SS-R	37,990	56,200	15,320	38,740	1,250	26,380	-	1,500	NBR Dual Lip	PREMIUM TRB	33.85



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FFTRY-SS – STAINLESS – 316

Double Flanged – Yoke Type
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

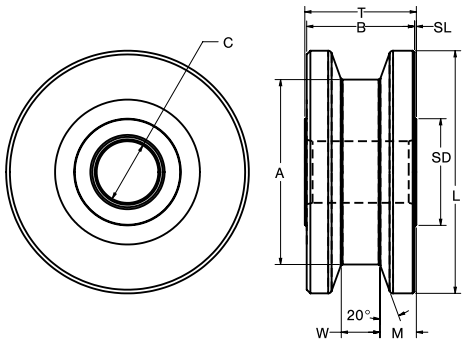
Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	W
	ROLLER		Bore Dia. +.0007 -.0000	FLANGE		SHOULDER		Inner Race Width +.005 -.010	Tread Width
	Dia. +.000 -.001	Width		Dia.	Width	Dia.	Len.		
FFTRY-1.00-SS	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688	0.25
FFTRY-1.125-SS	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688	0.25
FFTRY-1.25-SS	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813	0.38
FFTRY-1.375-SS	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813	0.38
FFTRY-1.50-SS	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	0.50
FFTRY-1.75-SS	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	0.56
FFTRY-2.00-SS	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	0.69
FFTRY-2.25-SS	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	0.69
FFTRY-2.50-SS	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	0.56
FFTRY-2.50E-SS	2.500	1.50	0.7505	3.19	0.50	1.3	0.03	1.563	0.56
FFTRY-2.75-SS	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	0.68
FFTRY-2.75E-SS	2.750	1.50	0.7505	3.44	0.50	1.3	0.03	1.563	0.68
FFTRY-3.00A-SS	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63
FFTRY-3.00-SS	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63
FFTRY-3.25A-SS	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63
FFTRY-3.25-SS	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63
FFTRY-3.50A-SS	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88
FFTRY-3.50-SS	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88
FFTRY-4.00A-SS	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13
FFTRY-4.00-SS	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13
FFTRY-5.00-SS	5.000	2.75	1.7508	5.94	0.72	3.2	0.06	2.875	1.44
FFTRY-6.00-SS	6.000	3.25	2.2508	6.94	0.72	3.5	0.06	3.375	1.94

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312-SS	YSHE-.312-SS
YSH-.312-SS	YSHE-.312-SS
YSH-.375-SS	YSHE-.375-SS
YSH-.375-SS	YSHE-.375-SS
YSH-.437-SS	YSHE-.437-SS
YSH-.500-SS	YSHE-.500-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.125-SS	YSHE-1.125-SS
YSH-1.125-SS	YSHE-1.125-SS
YSH-1.250-SS	YSHE-1.250-SS
YSH-1.250-SS	YSHE-1.250-SS
YSH-1.750-SS	YSHE-1.750-SS
YSH-2.250-SS	YSHE-2.250-SS







FFTRY-SS – STAINLESS – 316

Double Flanged – Yoke Type Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRY-1.00-SS	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.14
FFTRY-1.125-SS	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.17
FFTRY-1.25-SS	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.22
FFTRY-1.375-SS	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.27
FFTRY-1.50-SS	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.45
FFTRY-1.75-SS	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.71
FFTRY-2.00-SS	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.32
FFTRY-2.25-SS	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.67
FFTRY-2.50-SS	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.19
FFTRY-2.50E-SS	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.23
FFTRY-2.75-SS	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.69
FFTRY-2.75E-SS	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.73
FFTRY-3.00A-SS	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.86
FFTRY-3.00-SS	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.06
FFTRY-3.25A-SS	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	4.44
FFTRY-3.25-SS	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.69
FFTRY-3.50A-SS	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	5.43
FFTRY-3.50-SS	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	5.79
FFTRY-4.00A-SS	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	8.16
FFTRY-4.00-SS	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	8.55
FFTRY-5.00-SS	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	14.80
FFTRY-6.00-SS	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	22.94





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FFTRY-SS-R – STAINLESS – 316

Double Flanged – Yoke Type
Ball & Tapered Bearings - Regreasable

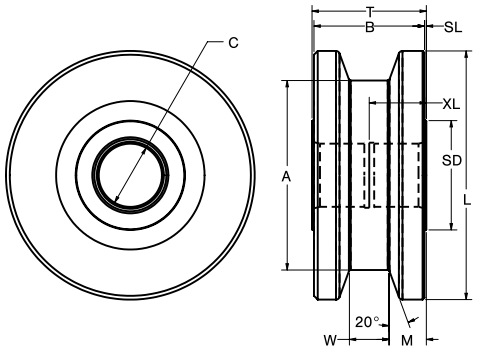
∞ Infinity Roller™ Technology

Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	W	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	FLANGE		SHOULDER		Inner Race Width +.005 -.010	Tread Width	Grease Groove Location	Concentric Shaft	Eccentric Shaft
	Dia.	Width		Dia.	Width	Dia.	Len.					
FFTRY-1.00-SS-R	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688	0.25	0.34	YSH-.312-SS-R	YSHE-.312-SS-R
FFTRY-1.125-SS-R	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688	0.25	0.34	YSH-.312-SS-R	YSHE-.312-SS-R
FFTRY-1.25-SS-R	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813	0.38	0.41	YSH-.375-SS-R	YSHE-.375-SS-R
FFTRY-1.375-SS-R	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813	0.38	0.41	YSH-.375-SS-R	YSHE-.375-SS-R
FFTRY-1.50-SS-R	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	0.50	0.47	YSH-.437-SS-R	YSHE-.437-SS-R
FFTRY-1.75-SS-R	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	0.56	0.53	YSH-.500-SS-R	YSHE-.500-SS-R
FFTRY-2.00-SS-R	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	0.69	0.66	YSH-.625-SS-R	YSHE-.625-SS-R
FFTRY-2.25-SS-R	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	0.69	0.66	YSH-.625-SS-R	YSHE-.625-SS-R
FFTRY-2.50-SS-R	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	0.56	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
FFTRY-2.50E-SS-R	2.500	1.50	0.7505	3.19	0.50	1.3	0.03	1.563	0.56	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
FFTRY-2.75-SS-R	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	0.68	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
FFTRY-2.75E-SS-R	2.750	1.50	0.7505	3.44	0.50	1.3	0.03	1.563	0.68	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
FFTRY-3.00A-SS-R	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
FFTRY-3.00-SS-R	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
FFTRY-3.25A-SS-R	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
FFTRY-3.25-SS-R	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
FFTRY-3.50A-SS-R	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88	1.03	YSH-1.125-SS-R	YSHE-1.125-SS-R
FFTRY-3.50-SS-R	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88	1.03	YSH-1.125-SS-R	YSHE-1.125-SS-R
FFTRY-4.00A-SS-R	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13	1.16	YSH-1.250-SS-R	YSHE-1.250-SS-R
FFTRY-4.00-SS-R	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13	1.16	YSH-1.250-SS-R	YSHE-1.250-SS-R
FFTRY-5.00-SS-R	5.000	2.75	1.7508	5.94	0.72	3.2	0.06	2.875	1.44	1.44	YSH-1.750-SS-R	YSHE-1.750-SS-R
FFTRY-6.00-SS-R	6.000	3.25	2.2508	6.94	0.72	3.5	0.06	3.375	1.94	1.69	YSH-2.250-SS-R	YSHE-2.250-SS-R







FFTRY-SS-R – STAINLESS – 316

Double Flanged – Yoke Type
Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRY-1.00-SS-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.14
FFTRY-1.125-SS-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.17
FFTRY-1.25-SS-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.22
FFTRY-1.375-SS-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.27
FFTRY-1.50-SS-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.45
FFTRY-1.75-SS-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.71
FFTRY-2.00-SS-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.32
FFTRY-2.25-SS-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.67
FFTRY-2.50-SS-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.19
FFTRY-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.23
FFTRY-2.75-SS-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.69
FFTRY-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.73
FFTRY-3.00A-SS-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.86
FFTRY-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.06
FFTRY-3.25A-SS-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	4.44
FFTRY-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.69
FFTRY-3.50A-SS-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	5.43
FFTRY-3.50-SS-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	5.79
FFTRY-4.00A-SS-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	8.16
FFTRY-4.00-SS-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	8.55
FFTRY-5.00-SS-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	14.80
FFTRY-6.00-SS-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	22.94



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

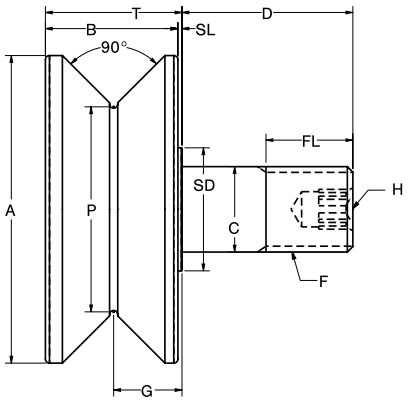
VTR-SS – STAINLESS – 316

V-Grooved – Stud Type Concentric Ball & Tapered Roller Bearings

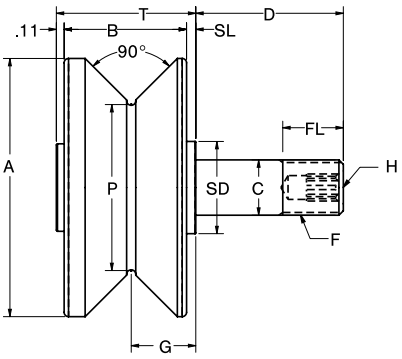
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Size	Len.				Dia.	Len.	Len. + Roller Width
VTR-1.50-SS	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	3/16	1.125	0.5	0.03	0.78
VTR-2.00-SS	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	3/16	1.375	0.6	0.03	0.84
VTR-2.50-SS	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	1.500	0.9	0.06	1.31
VTR-3.50-SS	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	2.250	1.0	0.06	1.69
VTR-3.50E-SS*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	2.250	0.9	0.13	1.90†
VTR-4.50A-SS	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.5	0.06	2.00
VTR-4.50-SS	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.8	0.06	2.00
VTR-5.50A-SS	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.5	0.06	2.00
VTR-5.50-SS	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.8	0.06	2.00
VTR-6.50-SS	6.50	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	5.000	3.0	0.06	3.00
VTR-7.50-SS	7.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	6.000	3.5	0.06	3.00





3.5-E ROLLER



VTR-SS – STAINLESS – 316

V-Grooved – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTR-1.50-SS	560	270	140	70	24,000	310	390	50	PFC Lip	DGBB-SS	0.33
VTR-2.00-SS	740	370	190	100	19,000	440	470	50	PFC Lip	DGBB-SS	0.56
VTR-2.50-SS	2,090	1,350	530	340	15,000	500	550	350	PFC Lip	DGBB-SS	1.31
VTR-3.50-SS	3,940	2,950	990	740	10,000	1,940	900	350	PFC Lip	DGBB-SS	3.44
VTR-3.50E-SS*	15,040	14,400	4,520	7,390	3,750	1,510	-	650	NBR Dual Lip	PREMIUM TRB	3.40
VTR-4.50A-SS	6,010	5,040	1,510	1,260	8,000	8,010	1,950	650	PFC Lip	DGBB-SS	6.85
VTR-4.50-SS	17,940	20,000	7,410	14,120	2,490	6,160	-	1,500	NBR Dual Lip	PREMIUM TRB	6.88
VTR-5.50A-SS	6,010	5,040	1,510	1,260	8,000	8,010	1,950	650	PFC Lip	DGBB-SS	10.82
VTR-5.50-SS	17,940	20,000	7,410	14,120	2,490	6,160	-	1,500	NBR Dual Lip	PREMIUM TRB	11.04
VTR-6.50-SS	38,060	58,400	14,350	37,660	1,550	15,740	-	1,500	NBR Dual Lip	PREMIUM TRB	27.42
VTR-7.50-SS	37,990	56,200	15,320	38,740	1,250	30,740	-	1,500	NBR Dual Lip	PREMIUM TRB	39.14





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

Solutions Through Innovation

VTR-SS-R – STAINLESS – 316

V-Grooved – Stud Type Concentric Ball & Tapered Bearings - Regreasable

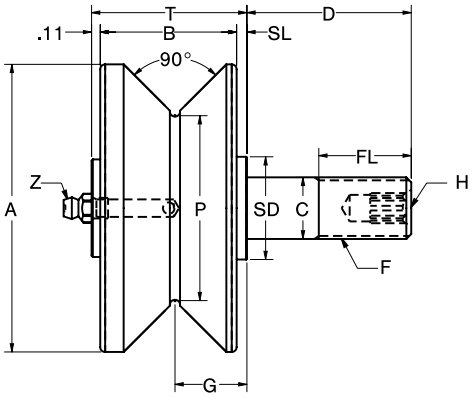
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Size	Len.				Dia.	Len.	Len. + Roller Width	Size	Len.	
VTR-1.50-SS-R	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	-	1.125	0.5	0.03	0.78	0.312	0.250	1/8 Drive
VTR-2.00-SS-R	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	-	1.375	0.6	0.03	0.84	0.375	0.250	1/8 Drive
VTR-2.50-SS-R	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	-	1.500	0.9	0.06	1.31	0.625	0.375	1/8-27 NPT
VTR-3.50-SS-R	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	-	2.250	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
VTR-3.50E-SS-R*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	2.250	0.9	0.13	1.90†	-	-	1/4-28 UNF
VTR-4.50A-SS-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	3.000	1.5	0.06	2.00	-	-	1/4-28 UNF
VTR-4.50-SS-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	3.000	1.8	0.06	2.00	-	-	1/4-28 UNF
VTR-5.50A-SS-R	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	5/8	4.000	1.5	0.06	2.00	-	-	1/4-28 UNF
VTR-5.50-SS-R	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	5/8	4.000	1.8	0.06	2.00	-	-	1/4-28 UNF
VTR-6.50-SS-R	6.50	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	5.000	3.0	0.06	3.00	-	-	1/4-28 UNF
VTR-7.50-SS-R	7.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	6.000	3.5	0.06	3.00	-	-	1/4-28 UNF

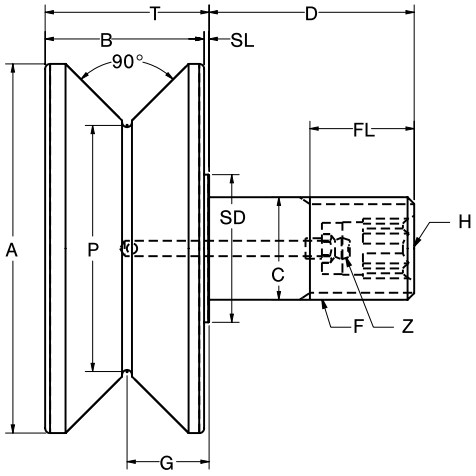
** VTR-3.50E-SS-R is designed with stud extending 7/64" from end of roller. Design does not incorporate a dust cover.*
†For lubricated threads, use half the maximum clamping torque value shown.



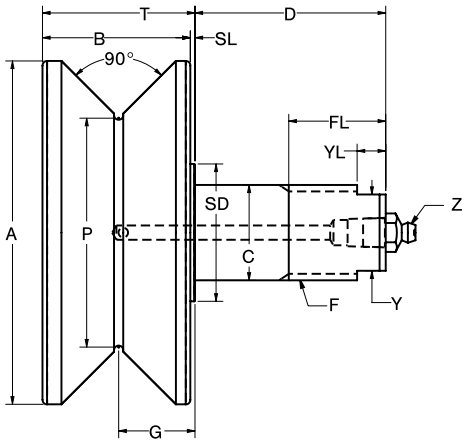
3.50-E ROLLER



4.50 ROLLER DIA. AND LARGER



THROUGH 3.50



VTR-SS-R – STAINLESS – 316

V-Grooved – Stud Type Concentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTR-1.50-SS-R	560	270	140	70	24,000	310	390	50	PFC Lip	DGBB-SS	0.33
VTR-2.00-SS-R	740	370	190	100	19,000	440	470	50	PFC Lip	DGBB-SS	0.56
VTR-2.50-SS-R	2,090	1,350	530	340	15,000	500	550	350	PFC Lip	DGBB-SS	1.31
VTR-3.50-SS-R	3,940	2,950	990	740	10,000	1,940	900	350	PFC Lip	DGBB-SS	3.44
VTR-3.50E-SS-R*	15,040	14,400	4,520	7,390	3,750	1,510	-	650	NBR Dual Lip	PREMIUM TRB	3.40
VTR-4.50A-SS-R	6,010	5,040	1,510	1,260	8,000	8,010	1,950	650	PFC Lip	DGBB-SS	6.85
VTR-4.50-SS-R	17,940	20,000	7,410	14,120	2,490	6,160	-	1,500	NBR Dual Lip	PREMIUM TRB	6.88
VTR-5.50A-SS-R	6,010	5,040	1,510	1,260	8,000	8,010	1,950	650	PFC Lip	DGBB-SS	10.82
VTR-5.50-SS-R	17,940	20,000	7,410	14,120	2,490	6,160	-	1,500	NBR Dual Lip	PREMIUM TRB	11.04
VTR-6.50-SS-R	38,060	58,400	14,350	37,660	1,550	15,740	-	1,500	NBR Dual Lip	PREMIUM TRB	27.42
VTR-7.50-SS-R	37,990	56,200	15,320	38,740	1,250	30,740	-	1,500	NBR Dual Lip	PREMIUM TRB	39.14





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

VTRE-SS – STAINLESS – 316

V-Grooved – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

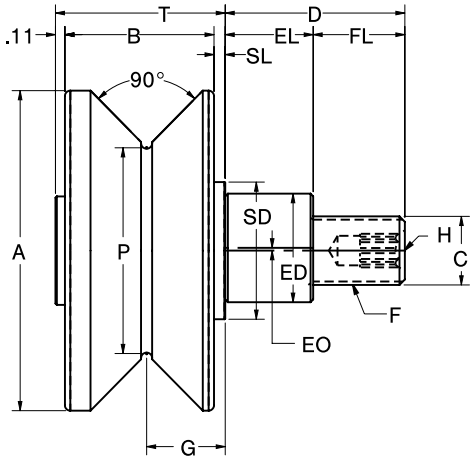
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width
VTRE-1.50-SS	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.50	0.39	3/16	1.125	0.7	0.03	0.78
VTRE-2.00-SS	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.63	0.42	3/16	1.375	0.8	0.03	0.84
VTRE-2.50-SS	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.88	0.69	5/16	1.500	1.3	0.06	1.31
VTRE-3.50-SS	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.13	0.88	5/16	2.250	1.5	0.06	1.69
VTRE-3.50E-SS*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.13	0.88	5/16	2.250	1.5	0.13	1.90†
VTRE-4.50A-SS	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.75	1.00	1/2	3.000	2.2	0.06	2.00
VTRE-4.50-SS	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.75	1.00	1/2	3.000	2.2	0.06	2.00
VTRE-5.50A-SS	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.75	1.00	1/2	4.000	2.2	0.06	2.00
VTRE-5.50-SS	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.75	1.00	1/2	4.000	2.2	0.06	2.00
VTRE-6.50-SS	6.50	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.50	1.50	5/8	5.000	3.3	0.06	3.00
VTRE-7.50-SS	7.50	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	3.25	1.50	5/8	6.000	3.6	0.06	3.00

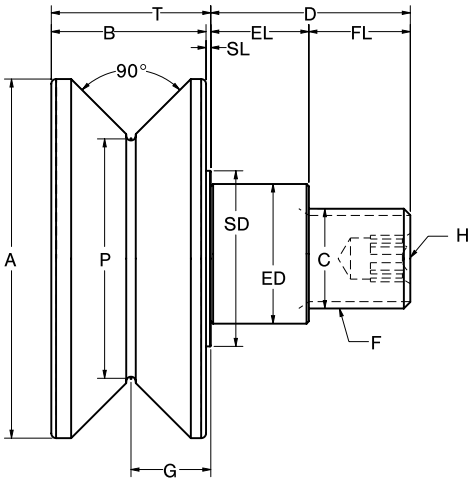
** VTRE-3.50E-SS is designed with stud extending 7/64" from end of roller. Design does not incorporate a dust cover.*





ROLLER 3.50-E





VTRE-SS – STAINLESS – 316

V-Grooved – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRE-1.50-SS	560	270	140	70	24,000	310	390	100	PFC Lip	DGBB-SS	0.36
VTRE-2.00-SS	740	370	190	100	19,000	440	470	100	PFC Lip	DGBB-SS	0.59
VTRE-2.50-SS	2,090	1,350	530	340	15,000	500	550	350	PFC Lip	DGBB-SS	1.38
VTRE-3.50-SS	3,940	2,950	990	740	10,000	1,940	900	350	PFC Lip	DGBB-SS	3.49
VTRE-3.50E-SS*	15,040	14,400	4,520	7,390	3,750	1,510	-	1,000	NBR Dual Lip	PREMIUM TRB	3.51
VTRE-4.50A-SS	6,010	5,040	1,510	1,260	8,000	8,010	1,950	650	PFC Lip	DGBB-SS	7.31
VTRE-4.50-SS	17,940	20,000	7,410	14,120	2,490	6,160	-	1,500	NBR Dual Lip	PREMIUM TRB	7.36
VTRE-5.50A-SS	6,010	5,040	1,510	1,260	8,000	8,010	1,950	650	PFC Lip	DGBB-SS	11.24
VTRE-5.50-SS	17,940	20,000	7,410	14,120	2,490	6,160	-	1,500	NBR Dual Lip	PREMIUM TRB	11.33
VTRE-6.50-SS	38,060	58,400	14,350	37,660	1,550	15,740	-	1,500	NBR Dual Lip	PREMIUM TRB	28.81
VTRE-7.50-SS	37,990	56,200	15,320	38,740	1,250	30,740	-	1,500	NBR Dual Lip	PREMIUM TRB	41.17





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

VTRE-SS-R – STAINLESS – 316

V-Grooved – Stud Type Eccentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

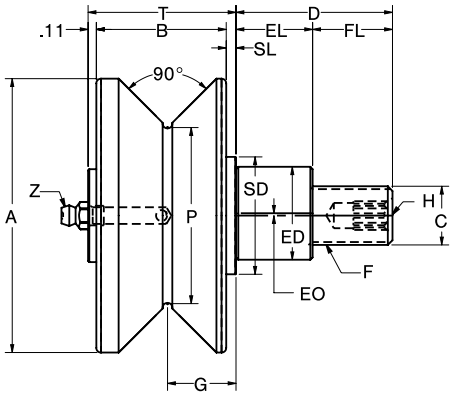
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER			WRENCH FLAT		Lube Size
	Dia.	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width	Size	Len.	
VTRE-1.50-SS-R	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.50	0.39	-	1.125	0.7	0.03	0.78	0.312	0.250	1/8 Drive
VTRE-2.00-SS-R	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.63	0.42	-	1.375	0.8	0.03	0.84	0.375	0.250	1/8 Drive
VTRE-2.50-SS-R	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.88	0.69	-	1.500	1.3	0.06	1.31	0.625	0.375	1/8-27 NPT
VTRE-3.50-SS-R	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.13	0.88	-	2.250	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
VTRE-3.50E-SS-R*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.13	0.88	5/16	2.250	1.5	0.13	1.90†	-	-	1/4-28 UNF
VTRE-4.50A-SS-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.75	1.00	5/8	3.000	2.2	0.06	2.00	-	-	1/4-28 UNF
VTRE-4.50-SS-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.75	1.00	5/8	3.000	2.2	0.06	2.00	-	-	1/4-28 UNF
VTRE-5.50A-SS-R	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.75	1.00	5/8	4.000	2.2	0.06	2.00	-	-	1/4-28 UNF
VTRE-5.50-SS-R	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.75	1.00	5/8	4.000	2.2	0.06	2.00	-	-	1/4-28 UNF
VTRE-6.50-SS-R	6.50	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.50	1.50	5/8	5.000	3.3	0.06	3.00	-	-	1/4-28 UNF
VTRE-7.50-SS-R	7.50	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	3.25	1.50	5/8	6.000	3.6	0.06	3.00	-	-	1/4-28 UNF

** VTRE-3.50E-SS-R is designed with stud extending 7/64" from end of roller. Design does not incorporate a dust cover.*

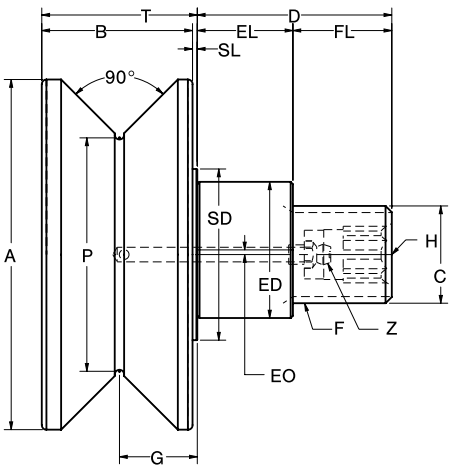
†For lubricated threads, use half the maximum clamping torque value shown.



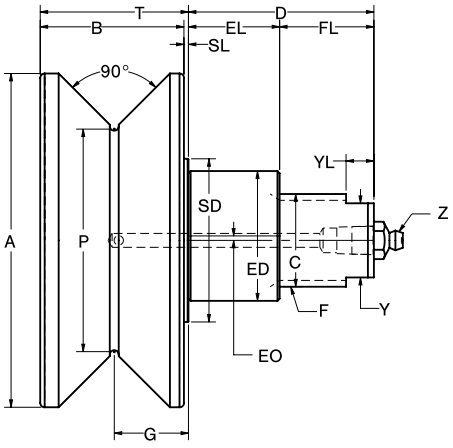
3.50-E ROLLER



4.50 ROLLER DIA. AND LARGER



THROUGH 3.50



VTRE-SS-R – STAINLESS – 316

V-Grooved – Stud Type Eccentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRE-1.50-SS-R	560	270	140	70	24,000	310	390	100	PFC Lip	DGBB-SS	0.36
VTRE-2.00-SS-R	740	370	190	100	19,000	440	470	100	PFC Lip	DGBB-SS	0.59
VTRE-2.50-SS-R	2,090	1,350	530	340	15,000	500	550	350	PFC Lip	DGBB-SS	1.38
VTRE-3.50-SS-R	3,940	2,950	990	740	10,000	1,940	900	350	PFC Lip	DGBB-SS	3.49
VTRE-3.50E-SS-R*	15,040	14,400	4,520	7,390	3,750	1,510	-	1,000	NBR Dual Lip	PREMIUM TRB	3.51
VTRE-4.50A-SS-R	6,010	5,040	1,510	1,260	8,000	8,010	1,950	650	PFC Lip	DGBB-SS	7.31
VTRE-4.50-SS-R	17,940	20,000	7,410	14,120	2,490	6,160	-	1,500	NBR Dual Lip	PREMIUM TRB	7.36
VTRE-5.50A-SS-R	6,010	5,040	1,510	1,260	8,000	8,010	1,950	650	PFC Lip	DGBB-SS	11.24
VTRE-5.50-SS-R	17,940	20,000	7,410	14,120	2,490	6,160	-	1,500	NBR Dual Lip	PREMIUM TRB	11.33
VTRE-6.50-SS-R	38,060	58,400	14,350	37,660	1,550	15,740	-	1,500	NBR Dual Lip	PREMIUM TRB	28.81
VTRE-7.50-SS-R	37,990	56,200	15,320	38,740	1,250	30,740	-	1,500	NBR Dual Lip	PREMIUM TRB	41.17





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

VTRY-SS – STAINLESS – 316

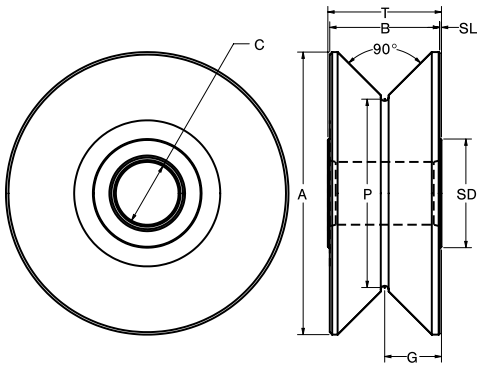
V-Groove – Yoke Type
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T
	ROLLER		Bore Dia. +.0007 -.0000	Groove Center	Point Dia. +.000 -.001	SHOULDER		Inner Race Width +.005 -.010
	Dia.	Width				Dia.	Len.	
VTRY-1.50-SS	1.50	0.63	0.3130	0.34	1.063	0.6	0.03	0.688
VTRY-1.75-SS	1.75	0.75	0.3755	0.41	1.313	0.6	0.03	0.813
VTRY-2.00-SS	2.00	0.88	0.4380	0.44	1.500	0.9	0.03	0.938
VTRY-2.50-9-SS	2.50	0.88	0.4380	0.47	1.750	0.9	0.03	0.938
VTRY-2.50-SS	2.50	1.25	0.6255	0.66	2.000	1.1	0.03	1.313
VTRY-3.00-SS	3.00	1.25	0.6255	0.66	2.060	1.1	0.03	1.313
VTRY-3.50-SS	3.50	1.50	0.7505	0.78	2.250	1.2	0.03	1.563
VTRY-3.50-9-SS	3.50	1.63	0.7505	0.84	2.250	1.2	0.03	1.687
VTRY-3.75A-SS	3.75	1.50	0.7505	0.78	2.500	1.2	0.03	1.563
VTRY-3.75-SS	3.75	1.50	0.7505	0.78	2.500	1.3	0.03	1.563
VTRY-4.50A-SS	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813
VTRY-4.50-SS	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813
VTRY-5.00A-SS	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063
VTRY-5.00-SS	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063
VTRY-5.50A-SS	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313
VTRY-5.50-SS	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313
VTRY-6.50-SS	6.50	2.75	1.7508	1.44	5.000	3.2	0.06	2.875
VTRY-7.50-SS	7.50	3.25	2.2508	1.69	6.000	3.5	0.06	3.375
VTRY-8.50-SS	8.50	3.75	2.7508	1.94	7.000	4.1	0.06	3.875
VTRY-9.50-SS	9.50	4.25	3.2560	2.25	8.000	4.7	0.13	4.500

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312-SS	YSHE-.312-SS
YSH-.375-SS	YSHE-.375-SS
YSH-.437-SS	YSHE-.437-SS
YSH-.437-SS	YSHE-.437-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.125-SS	YSHE-1.125-SS
YSH-1.125-SS	YSHE-1.125-SS
YSH-1.250-SS	YSHE-1.250-SS
YSH-1.250-SS	YSHE-1.250-SS
YSH-1.750-SS	YSHE-1.750-SS
YSH-2.250-SS	YSHE-2.250-SS
YSH-2.750-SS	YSHE-2.750-SS
-	-



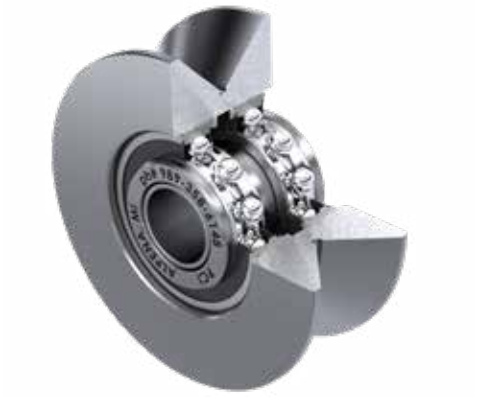


VTRY-SS – STAINLESS – 316

V-Groove – Yoke Type
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRY-1.50-SS	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.2
VTRY-1.75-SS	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.35
VTRY-2.00-SS	1,450	1,150	370	290	19,000	PFC Lip	DGBB-SS	0.54
VTRY-2.50-9-SS	1,450	1,150	370	290	19,000	PFC Lip	DGBB-SS	0.82
VTRY-2.50-SS	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.30
VTRY-3.00-SS	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.69
VTRY-3.50-SS	3,180	2,630	800	660	9,500	PFC Lip	DGBB-SS	2.70
VTRY-3.50-9-SS	3,180	2,630	800	660	9,500	PFC Lip	DGBB-SS	2.53
VTRY-3.75A-SS	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	3.05
VTRY-3.75-SS	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	3.08
VTRY-4.50A-SS	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	4.88
VTRY-4.50-SS	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	5.12
VTRY-5.00A-SS	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	7.48
VTRY-5.00-SS	18,670	27,200	6,210	15,480	2,490	NBR Dual Lip	PREMIUM TRB	7.61
VTRY-5.50A-SS	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	11.06
VTRY-5.50-SS	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	11.56
VTRY-6.50-SS	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	20.40
VTRY-7.50-SS	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	31.14
VTRY-8.50-SS	45,050	79,800	18,750	56,790	1,020	NBR Dual Lip	PREMIUM TRB	45.37
VTRY-9.50-SS	89,040	159,800	42,050	129,030	850	NBR Dual Lip	PREMIUM TRB	64.81





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

VTRY-SS-R – STAINLESS – 316

V-Groove – Yoke Type
Ball & Tapered Bearings - Regreasable

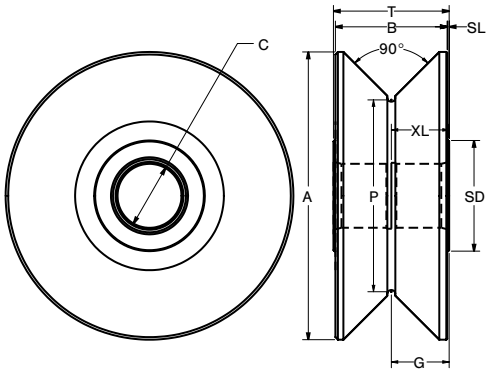
∞ Infinity Roller™ Technology

Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER					SHOULDER					
	Dia.	Width	Bore Dia. +.000 -.001	Groove Center	Point Dia. +.000 -.001	Dia.	Len.	Inner Race Width +.005 -.010	Grease Groove Locartion	Concentric Shaft	Eccentric Shaft
VTRY-1.50-SS-R	1.50	0.63	0.3130	0.34	1.063	0.6	0.03	0.688	0.34	YSH-.312-SS-R	YSHE-.312-SS-R
VTRY-1.75-SS-R	1.75	0.75	0.3755	0.41	1.313	0.6	0.03	0.813	0.41	YSH-.375-SS-R	YSHE-.375-SS-R
VTRY-2.00-SS-R	2.00	0.88	0.4380	0.44	1.500	0.9	0.03	0.938	0.44	YSH-.437-SS-R	YSHE-.437-SS-R
VTRY-2.50-9-SS-R	2.50	0.88	0.4380	0.47	1.750	0.9	0.03	0.938	0.47	YSH-.437-SS-R	YSHE-.437-SS-R
VTRY-2.50-SS-R	2.50	1.25	0.6255	0.66	2.000	1.1	0.03	1.313	0.66	YSH-.625-SS-R	YSHE-.625-SS-R
VTRY-3.00-SS-R	3.00	1.25	0.6255	0.66	2.060	1.1	0.03	1.313	0.66	YSH-.625-SS-R	YSHE-.625-SS-R
VTRY-3.50-SS-R	3.50	1.63	0.7505	0.84	2.250	1.2	0.03	1.687	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
VTRY-3.50-9-SS-R	3.50	1.63	0.7505	0.84	2.250	1.2	0.03	1.687	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
VTRY-3.75A-SS-R	3.75	1.50	0.7505	0.78	2.500	1.2	0.03	1.563	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
VTRY-3.75-SS-R	3.75	1.50	0.7505	0.78	2.500	1.3	0.03	1.563	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
VTRY-4.50A-SS-R	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
VTRY-4.50-SS-R	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
VTRY-5.00A-SS-R	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063	1.03	YSH-1.125-SS-R	YSHE-1.125-SS-R
VTRY-5.00-SS-R	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063	1.03	YSH-1.125-SS-R	YSHE-1.125-SS-R
VTRY-5.50A-SS-R	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313	1.16	YSH-1.250-SS-R	YSHE-1.250-SS-R
VTRY-5.50-SS-R	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313	1.16	YSH-1.250-SS-R	YSHE-1.250-SS-R
VTRY-6.50-SS-R	6.50	2.75	1.7508	1.44	5.000	3.2	0.06	2.875	1.44	YSH-1.750-SS-R	YSHE-1.750-SS-R
VTRY-7.50-SS-R	7.50	3.25	2.2508	1.69	6.000	3.5	0.06	3.375	1.69	YSH-2.250-SS-R	YSHE-2.250-SS-R
VTRY-8.50-SS-R	8.50	3.75	2.7508	1.94	7.000	4.1	0.06	3.875	1.94	YSH-2.750-SS-R	YSHE-2.750-SS-R
VTRY-9.50-SS-R	9.50	4.25	3.2560	2.25	8.000	4.7	0.13	4.500	2.25	-	-







VTRY-SS-R – STAINLESS – 316

V-Groove – Yoke Type
Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRY-1.50-SS-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.2
VTRY-1.75-SS-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.35
VTRY-2.00-SS-R	1,450	1,150	370	290	19,000	PFC Lip	DGBB-SS	0.54
VTRY-2.50-9-SS-R	1,450	1,150	370	290	19,000	PFC Lip	DGBB-SS	0.82
VTRY-2.50-SS-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.30
VTRY-3.00-SS-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.69
VTRY-3.50-SS-R	3,180	2,630	800	660	9,500	PFC Lip	DGBB-SS	2.70
VTRY-3.50-9-SS-R	3,180	2,630	800	660	9,500	PFC Lip	DGBB-SS	2.53
VTRY-3.75A-SS-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	3.05
VTRY-3.75-SS-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	3.08
VTRY-4.50A-SS-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	4.88
VTRY-4.50-SS-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	5.12
VTRY-5.00A-SS-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	7.48
VTRY-5.00-SS-R	18,670	27,200	6,210	15,480	2,490	NBR Dual Lip	PREMIUM TRB	7.61
VTRY-5.50A-SS-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	11.06
VTRY-5.50-SS-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	11.56
VTRY-6.50-SS-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	20.40
VTRY-7.50-SS-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	31.14
VTRY-8.50-SS-R	45,050	79,800	18,750	56,790	1,020	NBR Dual Lip	PREMIUM TRB	45.37
VTRY-9.50-SS-R	89,040	159,800	42,050	129,030	850	NBR Dual Lip	PREMIUM TRB	64.81





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

Solutions Through Innovation

UTR-SS – STAINLESS – 316

U-Groove – Stud Type Concentric Ball & Tapered Roller Bearings

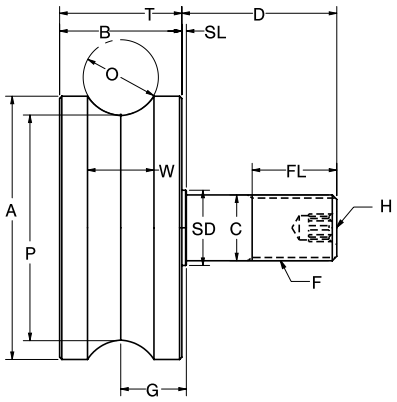
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	O	P	SD	SL	T	W
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	SHOULDER			Tread Width
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.					Dia.	Len.	Len. + Roller Width	
UTR-1.50-SS	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.41	3/16	1/2	1.250	0.5	0.03	0.78	0.43
UTR-1.75-SS	1.75	0.75	0.437	1.00	7/16 - 20	0.50	0.41	3/16	1/2	1.500	0.5	0.03	0.78	0.43
UTR-2.00-SS	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.44	3/16	5/8	1.750	0.6	0.03	0.84	0.50
UTR-2.50-SS	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	3/4	2.000	0.9	0.06	1.31	0.71
UTR-3.50-SS	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	1	3.000	1.0	0.06	1.69	0.87
UTR-3.50E-SS*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	1	3.000	0.9	0.13	1.90†	0.87
UTR-4.50A-SS	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	1	4.000	1.5	0.06	2.00	0.87
UTR-4.50-SS	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	1	4.000	1.8	0.06	2.00	0.87
UTR-5.50-SS	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	1 1/4	5.000	1.8	0.06	2.00	1.00
UTR-6.00-SS	5.94	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	1 1/2	5.000	3.0	0.06	3.00	1.39
UTR-7.00-SS	6.94	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	2	6.000	3.5	0.06	3.00	1.69

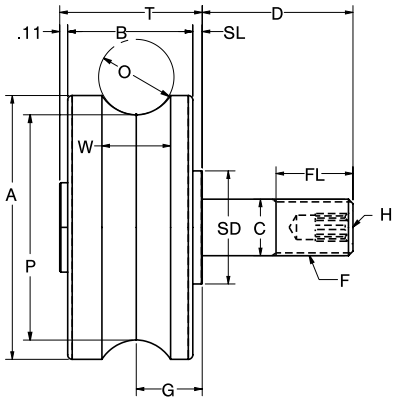
** UTR-3.50E-SS is designed with stud extending 7/64" from end of roller. Design does not incorporate a dust cover.*
†For lubricated threads, use half the maximum clamping torque value shown.







3.50-E ROLLER



UTR-SS – STAINLESS – 316

U-Groove – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTR-1.50-SS	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.33
UTR-1.75-SS	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.46
UTR-2.00-SS	740	370	190	100	19,000	320	470	50	PFC Lip	DGBB-SS	0.64
UTR-2.50-SS	2,090	1,350	530	340	15,000	500	550	350	PFC Lip	DGBB-SS	1.54
UTR-3.50-SS	3,940	2,950	990	740	10,000	1,940	900	350	PFC Lip	DGBB-SS	4.05
UTR-3.50E-SS*	15,040	14,400	4,520	7,390	3,750	1,510	-	650	NBR Dual Lip	PREMIUM TRB	4.05
UTR-4.50A-SS	6,010	5,040	1,510	1,260	8,000	8,010	1,950	650	PFC Lip	DGBB-SS	8.31
UTR-4.50-SS	17,940	20,000	7,410	14,120	2,490	6,210	-	1,500	NBR Dual Lip	PREMIUM TRB	8.52
UTR-5.50-SS	17,940	20,000	7,410	14,120	2,490	6,210	-	1,500	NBR Dual Lip	PREMIUM TRB	12.78
UTR-6.00-SS	38,060	58,400	14,350	37,660	1,550	15,740	-	1,500	NBR Dual Lip	PREMIUM TRB	23.22
UTR-7.00-SS	37,990	56,200	15,320	38,740	1,250	30,740	-	1,500	NBR Dual Lip	PREMIUM TRB	33.45





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

UTR-SS-R – STAINLESS – 316

U-Groove – Stud Type Concentric Ball & Tapered Roller Bearings - Regreasable

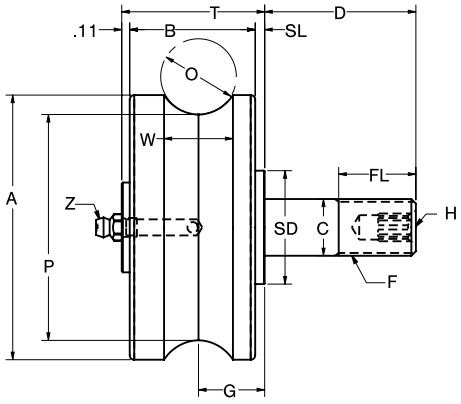
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	O	P	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Rail Size	Point Dia.	SHOULDER			Tread Width	WRENCH FLAT		Lube Size
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.					Dia.	Width	Dia.		Len.	Len. + Roller Width	
UTR-1.50-SS-R	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.41	-	1/2	1.250	0.5	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTR-1.75-SS-R	1.75	0.75	0.437	1.00	7/16 - 20	0.50	0.41	-	1/2	1.500	0.5	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTR-2.00-SS-R	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.44	-	5/8	1.750	0.6	0.03	0.84	0.50	0.375	0.250	1/8 Drive
UTR-2.50-SS-R	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	-	3/4	2.000	0.9	0.06	1.31	0.71	0.625	0.375	1/8-27 NPT
UTR-3.50-SS-R	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	-	1	3.000	1.0	0.06	1.69	0.87	0.625	0.375	1/8-27 NPT
UTR-3.50E-SS-R*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	1	3.000	0.9	0.13	1.90†	0.87	-	-	1/4-28 UNF
UTR-4.50A-SS-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	1	4.000	1.5	0.06	2.00	0.87	-	-	1/4-28 UNF
UTR-4.50-SS-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	1	4.000	1.8	0.06	2.00	0.87	-	-	1/4-28 UNF
UTR-5.50-SS-R	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	5/8	1 1/4	5.000	1.8	0.06	2.00	1.00	-	-	1/4-28 UNF
UTR-6.00-SS-R	5.94	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	1 1/2	5.000	3.0	0.06	3.00	1.39	-	-	1/4-28 UNF
UTR-7.00-SS-R	6.94	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	2	6.000	3.5	0.06	3.00	1.69	-	-	1/4-28 UNF

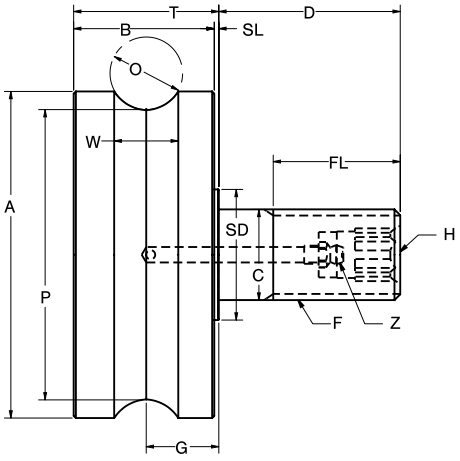
** UTR-3.50E-SS-R is designed with stud extending 7/64" from end of roller. Design does not incorporate a dust cover.*
†For lubricated threads, use half the maximum clamping torque value shown.



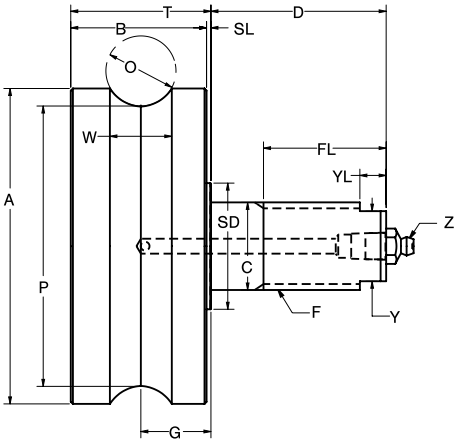
3.50-E ROLLER



4.50 ROLLER DIA. AND LARGER



THROUGH 3.50



UTR-SS-R – STAINLESS – 316

U-Groove – Stud Type Concentric Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTR-1.50-SS-R	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.33
UTR-1.75-SS-R	560	270	140	70	24,000	180	390	50	PFC Lip	DGBB-SS	0.46
UTR-2.00-SS-R	740	370	190	100	19,000	320	470	50	PFC Lip	DGBB-SS	0.64
UTR-2.50-SS-R	2,090	1,350	530	340	15,000	500	550	350	PFC Lip	DGBB-SS	1.54
UTR-3.50-SS-R	3,940	2,950	990	740	10,000	1,940	900	350	PFC Lip	DGBB-SS	4.05
UTR-3.50E-SS-R*	15,040	14,400	4,520	7,390	3,750	1,510	-	650	NBR Dual Lip	PREMIUM TRB	4.05
UTR-4.50A-SS-R	6,010	5,040	1,510	1,260	8,000	8,010	1,950	650	PFC Lip	DGBB-SS	8.31
UTR-4.50-SS-R	17,940	20,000	7,410	14,120	2,490	6,210	-	1,500	NBR Dual Lip	PREMIUM TRB	8.52
UTR-5.50-SS-R	17,940	20,000	7,410	14,120	2,490	6,210	-	1,500	NBR Dual Lip	PREMIUM TRB	12.78
UTR-6.00-SS-R	38,060	58,400	14,350	37,660	1,550	15,740	-	1,500	NBR Dual Lip	PREMIUM TRB	23.22
UTR-7.00-SS-R	37,990	56,200	15,320	38,740	1,250	30,740	-	1,500	NBR Dual Lip	PREMIUM TRB	33.45





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

UTRE-SS – STAINLESS – 316

U-Groove – Stud Type Eccentric
316 SS - Ball & Tapered Bearings

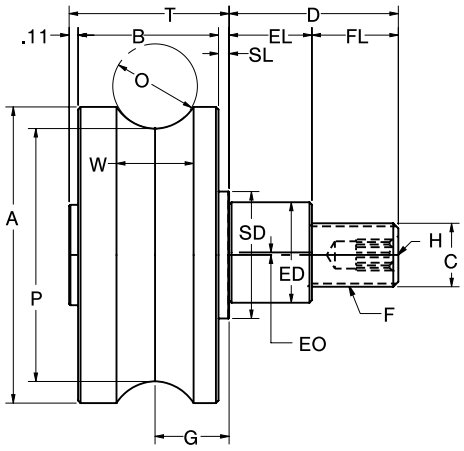
∞ Infinity Roller™ Technology

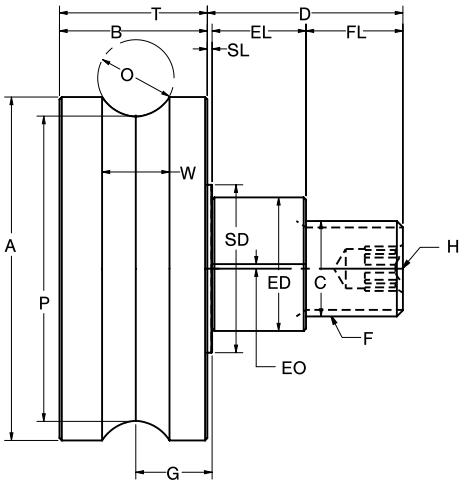
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	O	P	SD	SL	T	W
	ROLLER		STUD		ECCENTRIC			THREAD						SHOULDER			
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.	Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	Dia.	Len.	Len. + Roller Width	Tread Width
UTRE-1.50-SS	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	3/16	1/2	1.250	0.7	0.03	0.78	0.43
UTRE-1.75-SS	1.75	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	3/16	1/2	1.500	0.7	0.03	0.78	0.43
UTRE-2.00-SS	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.44	3/16	5/8	1.750	0.8	0.03	0.84	0.50
UTRE-2.50-SS	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	5/16	3/4	2.000	1.3	0.06	1.31	0.71
UTRE-3.50-SS	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	5/16	1	3.000	1.5	0.06	1.69	0.87
UTRE-3.50E-SS*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.02	0.88	5/16	1	3.000	1.5	0.13	1.90†	0.87
UTRE-4.50A-SS	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	1	4.000	2.2	0.06	2.00	0.87
UTRE-4.50-SS	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	1	4.000	2.2	0.06	2.00	0.87
UTRE-5.50-SS	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	1/2	1 1/4	5.000	2.2	0.06	2.00	1.00
UTRE-6.00-SS	5.94	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	1.50	5/8	1 1/2	5.000	3.3	0.06	3.00	1.39
UTRE-7.00-SS	6.94	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	1.50	5/8	2	6.000	3.6	0.06	3.00	1.69

** UTRE-3.50E-SS is designed with stud extending 7/64" from end of roller. Design does not incorporate a dust cover.*
†For lubricated threads, use half the maximum clamping torque value shown.



3.50-E ROLLER





UTRE-SS – STAINLESS – 316

U-Groove – Stud Type Eccentric
316 SS - Ball & Tapered Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRE-1.50-SS	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.33
UTRE-1.75-SS	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.46
UTRE-2.00-SS	740	370	190	100	19,000	320	470	100	PFC Lip	DGBB-SS	0.64
UTRE-2.50-SS	2,090	1,350	530	340	15,000	500	550	350	PFC Lip	DGBB-SS	1.54
UTRE-3.50-SS	3,940	2,950	990	740	10,000	1,940	900	350	PFC Lip	DGBB-SS	4.05
UTRE-3.50E-SS*	15,040	14,400	4,520	7,390	3,750	1,510	-	1,000	NBR Dual Lip	PREMIUM TRB	4.05
UTRE-4.50A-SS	6,010	5,040	1,510	1,260	8,000	8,010	1,950	650	PFC Lip	DGBB-SS	8.31
UTRE-4.50-SS	17,940	20,000	7,410	14,120	2,490	6,210	-	1,500	NBR Dual Lip	PREMIUM TRB	8.52
UTRE-5.50-SS	17,940	20,000	7,410	14,120	2,490	6,210	-	1,500	NBR Dual Lip	PREMIUM TRB	12.78
UTRE-6.00-SS	38,060	58,400	14,350	37,660	1,550	15,740	-	1,500	NBR Dual Lip	PREMIUM TRB	23.22
UTRE-7.00-SS	37,990	56,200	15,320	38,740	1,250	30,740	-	1,500	NBR Dual Lip	PREMIUM TRB	33.45



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

UTRE-SS-R – STAINLESS – 316

U-Groove – Stud Type Eccentric

316 SS - Ball & Tapered Bearings - Regreasable

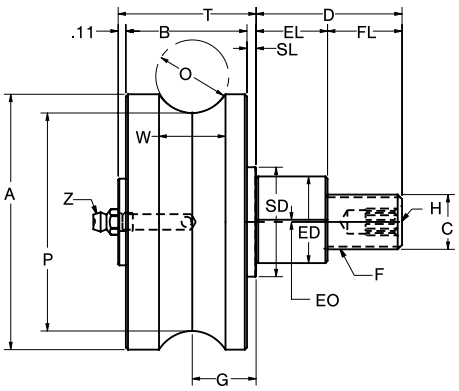
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	O	P	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	SHOULDER			Tread Width	WRENCH FLAT		Lube Size
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.					Dia.	Len.	Len. + Roller Width		Flat Size	Flat Len.	
UTRE-1.50-SS-R	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	-	1/2	1.250	0.7	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTRE-1.75-SS-R	1.75	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	-	1/2	1.500	0.7	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTRE-2.00-SS-R	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.44	-	5/8	1.750	0.8	0.03	0.84	0.50	0.375	0.250	1/8 Drive
UTRE-2.50-SS-R	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	-	3/4	2.000	1.3	0.06	1.31	0.71	0.625	0.375	1/8-27 NPT
UTRE-3.50-SS-R	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	-	1	3.000	1.5	0.06	1.69	0.87	0.625	0.375	1/8-27 NPT
UTRE-3.50E-SS-R*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.02	0.88	5/16	1	3.000	1.5	0.13	1.90†	0.87	-	-	1/4-28 UNF
UTRE-4.50A-SS-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	5/8	1	4.000	2.2	0.06	2.00	0.87	-	-	1/4-28 UNF
UTRE-4.50-SS-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	5/8	1	4.000	2.2	0.06	2.00	0.87	-	-	1/4-28 UNF
UTRE-5.50-SS-R	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	5/8	1 1/4	5.000	2.2	0.06	2.00	1.00	-	-	1/4-28 UNF
UTRE-6.00-SS-R	5.94	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	1.50	5/8	1 1/2	5.000	3.3	0.06	3.00	1.39	-	-	1/4-28 UNF
UTRE-7.00-SS-R	6.94	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	1.50	5/8	2	6.000	3.6	0.06	3.00	1.69	-	-	1/4-28 UNF

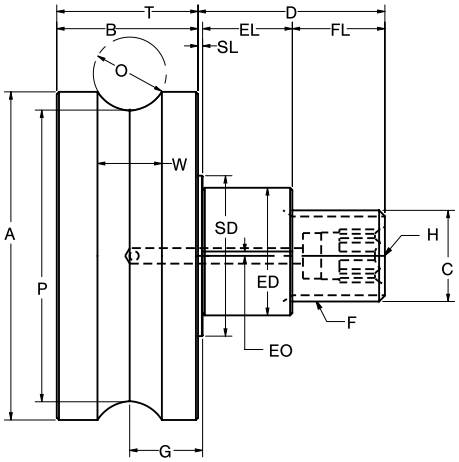
** UTR-3.50E-SS-R is designed with stud extending 7/64" from end of roller. Design does not incorporate a dust cover.*
†For lubricated threads, use half the maximum clamping torque value shown.



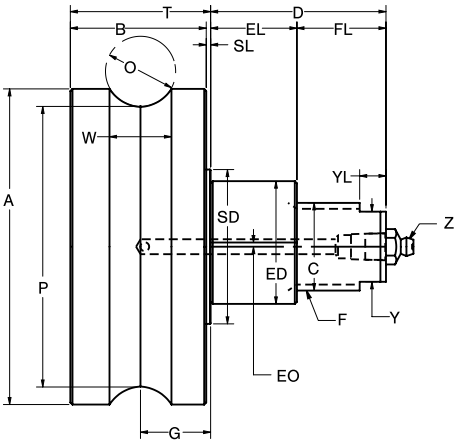
3.50-E ROLLER



4.50 ROLLER DIA. AND LARGER



THROUGH 3.50



UTRE-SS-R – STAINLESS – 316

U-Groove – Stud Type Eccentric

316 SS - Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRE-1.50-SS-R	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.33
UTRE-1.75-SS-R	560	270	140	70	24,000	180	390	100	PFC Lip	DGBB-SS	0.46
UTRE-2.00-SS-R	740	370	190	100	19,000	320	470	100	PFC Lip	DGBB-SS	0.64
UTRE-2.50-SS-R	2,090	1,350	530	340	15,000	500	550	350	PFC Lip	DGBB-SS	1.54
UTRE-3.50-SS-R	3,940	2,950	990	740	10,000	1,940	900	350	PFC Lip	DGBB-SS	4.05
UTRE-3.50E-SS-R*	15,040	14,400	4,520	7,390	3,750	1,510	-	1,000	NBR Dual Lip	PREMIUM TRB	4.05
UTRE-4.50A-SS-R	6,010	5,040	1,510	1,260	8,000	8,010	1,950	650	PFC Lip	DGBB-SS	8.31
UTRE-4.50-SS-R	17,940	20,000	7,410	14,120	2,490	6,210	-	1,500	NBR Dual Lip	PREMIUM TRB	8.52
UTRE-5.50-SS-R	17,940	20,000	7,410	14,120	2,490	6,210	-	1,500	NBR Dual Lip	PREMIUM TRB	12.78
UTRE-6.00-SS-R	38,060	58,400	14,350	37,660	1,550	15,740	-	1,500	NBR Dual Lip	PREMIUM TRB	23.22
UTRE-7.00-SS-R	37,990	56,200	15,320	38,740	1,250	30,740	-	1,500	NBR Dual Lip	PREMIUM TRB	33.45





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

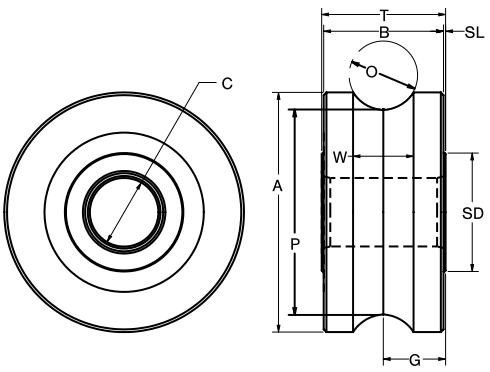
UTRY-SS – STAINLESS – 316

U-Groove – Yoke
Ball & Tapered Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	O	P	SD	SL	T	W	OPTIONAL PCI YOKE SHAFT	
	ROLLER						SHOULDER					
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Rail Size	Point Dia. +.000- .001	Dia.	Len.	Inner Race Width +.005 -.010	Tread Width	Concentric Shaft	Eccentric Shaft
UTRY-1.75-SS	1.75	0.88	0.4380	0.47	1/2	1.500	0.9	0.03	0.937	0.44	YSH-.437-SS	YSHE-.437-SS
UTRY-2.00-SS	2.00	1.00	0.5005	0.53	5/8	1.750	0.9	0.03	1.063	0.50	YSH-.500-SS	YSHE-.500-SS
UTRY-2.50-SS	2.50	1.25	0.6255	0.66	3/4	2.000	1.1	0.03	1.313	0.71	YSH-.625-SS	YSHE-.625-SS
UTRY-3.50A-SS	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87	YSH-1.000-SS	YSHE-1.000-SS
UTRY-3.50-SS	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87	YSH-1.000-SS	YSHE-1.000-SS
UTRY-4.50A-SS	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87	YSH-1.250-SS	YSHE-1.250-SS
UTRY-4.50-SS	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87	YSH-1.250-SS	YSHE-1.250-SS
UTRY-5.50-SS	5.50	2.75	1.7508	1.44	1 1/4	5.000	3.2	0.06	2.875	1.00	YSH-1.750-SS	YSHE-1.750-SS
UTRY-6.00-SS	5.94	2.75	1.7508	1.44	1 1/2	5.000	3.2	0.06	2.875	1.39	YSH-1.750-SS	YSHE-1.750-SS
UTRY-7.00-SS	6.94	3.25	2.2508	1.69	2	6.000	3.5	0.06	3.375	1.69	YSH-2.250-SS	YSHE-2.250-SS





UTRY-SS – STAINLESS – 316

U-Groove – Yoke
Ball & Tapered Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRY-1.75-SS	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.42
UTRY-2.00-SS	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.65
UTRY-2.50-SS	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.19
UTRY-3.50A-SS	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.30
UTRY-3.50-SS	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.50
UTRY-4.50A-SS	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	7.93
UTRY-4.50-SS	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	8.34
UTRY-5.50-SS	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	15.00
UTRY-6.00-SS	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	16.59
UTRY-7.00-SS	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	25.42



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

UTRY-SS-R – STAINLESS – 316

U-Groove – Yoke

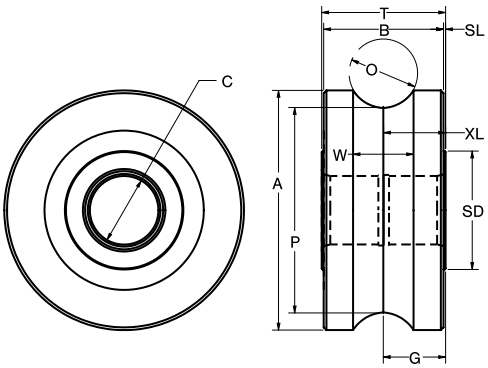
Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	O	P	SD	SL	T	W	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER						SHOULDER						
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Rail Size	Point Dia. +.000- .001	Dia.	Len.	Inner Race Width +.005 -.010	Tread Width	Grease Groove Location	Concentric Shaft	Eccentric Shaft
UTRY-1.75-SS-R	1.75	0.88	0.4380	0.47	1/2	1.500	0.9	0.03	0.937	0.44	0.47	YSH-.437-SS-R	YSHE-.437-SS-R
UTRY-2.00-SS-R	2.00	1.00	0.5005	0.53	5/8	1.750	0.9	0.03	1.063	0.50	0.53	YSH-.500-SS-R	YSHE-.500-SS-R
UTRY-2.50-SS-R	2.50	1.25	0.6255	0.66	3/4	2.000	1.1	0.03	1.313	0.71	0.66	YSH-.625-SS-R	YSHE-.625-SS-R
UTRY-3.50A-SS-R	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
UTRY-3.50-SS-R	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
UTRY-4.50A-SS-R	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87	1.16	YSH-1.250-SS-R	YSHE-1.250-SS-R
UTRY-4.50-SS-R	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87	1.16	YSH-1.250-SS-R	YSHE-1.250-SS-R
UTRY-5.50-SS-R	5.50	2.75	1.7508	1.44	1 1/4	5.000	3.2	0.06	2.875	1.00	1.44	YSH-1.750-SS-R	YSHE-1.750-SS-R
UTRY-6.00-SS-R	5.94	2.75	1.7508	1.44	1 1/2	5.000	3.2	0.06	2.875	1.39	1.44	YSH-1.750-SS-R	YSHE-1.750-SS-R
UTRY-7.00-SS-R	6.94	3.25	2.2508	1.69	2	6.000	3.5	0.06	3.375	1.69	1.69	YSH-2.250-SS-R	YSHE-2.250-SS-R







UTRY-SS-R – STAINLESS – 316

U-Groove – Yoke
Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRY-1.75-SS-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.42
UTRY-2.00-SS-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.65
UTRY-2.50-SS-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.19
UTRY-3.50A-SS-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.30
UTRY-3.50-SS-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.50
UTRY-4.50A-SS-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	7.93
UTRY-4.50-SS-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	8.34
UTRY-5.50-SS-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	15.00
UTRY-6.00-SS-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	16.59
UTRY-7.00-SS-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	25.42



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CIR-SS – STAINLESS – 316

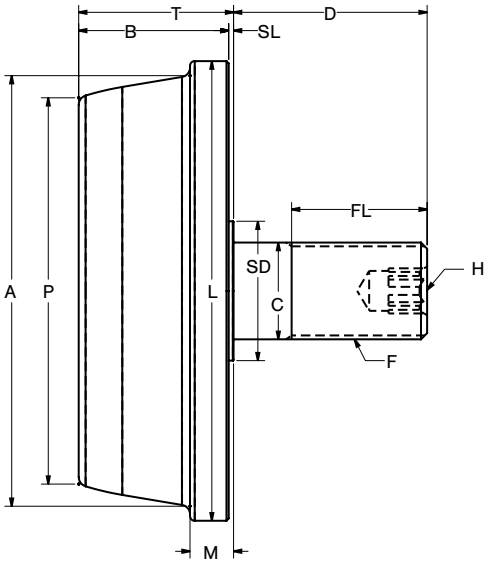
Channel & I-Beam – Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	P	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width		Dia.	Len.	Len. + Roller Width
CIR-3.00-SS	2.56	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.94	0.31	2.23	0.8	0.06	1.19
CIR-3.00E-SS	2.56	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.62	2.17	1.0	0.06	1.69
CIR-3.00-1-SS	2.50	1.63	1.000	2.25	1 - 14	1.50	3/8	2.94	0.50	2.06	1.2	0.06	1.69
CIR-4.00-SS	3.56	1.63	0.875	2.00	7/8 - 14	1.13	5/16	3.94	0.53	3.14	1.0	0.06	1.69
CIR-4.00E-SS	3.56	1.63	1.000	2.25	1 - 14	1.50	3/8	3.94	0.53	3.14	1.2	0.06	1.69
CIR-4.00-1-SS	3.00	1.75	1.000	2.25	1 - 14	1.50	3/8	3.94	0.59	2.56	1.3	0.06	1.81
CIR-5.00-SS	4.56	1.63	1.000	2.25	1 - 14	1.50	3/8	4.94	0.50	4.13	1.2	0.06	1.69
CIR-5.00E-SS	4.56	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.94	0.69	4.05	1.8	0.06	2.00
CIR-5.00E-1-SS	4.00	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	3.31	1.8	0.06	2.00
CIR-6.00-SS	5.56	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	5.94	0.56	4.99	1.8	0.06	2.00







PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIR-3.00-SS	3" & UP
CIR-3.00E-SS	3" & UP
CIR-3.00-1-SS	3" & UP
CIR-4.00-SS	4" & UP
CIR-4.00E-SS	4" & UP
CIR-4.00-1-SS	4" & UP
CIR-5.00-SS	5" & UP
CIR-5.00E-SS	5" & UP
CIR-5.00E-1-SS	5" & UP
CIR-6.00-SS	6" & UP

Solutions Through Innovation

CIR-SS – STAINLESS – 316

Channel & I-Beam – Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIR-3.00-SS	2,090	1,350	530	340	15,000	450	550	180	PFC Lip	DGBB-SS	1.64
CIR-3.00E-SS	2,940	2,140	740	540	12,000	980	900	350	PFC Lip	DGBB-SS	2.40
CIR-3.00-1-SS	2,940	2,250	740	570	11,000	1,720	1,340	350	PFC Lip	DGBB-SS	2.37
CIR-4.00-SS	2,940	2,140	740	540	12,000	1,040	900	350	PFC Lip	DGBB-SS	4.64
CIR-4.00E-SS	4,270	3,440	1,070	860	8,500	2,330	1,340	350	PFC Lip	DGBB-SS	4.65
CIR-4.00-1-SS	13,720	14,800	5,130	9,470	2,100	2,150	-	650	NBR Dual Lip	PREMIUM TRB	3.98
CIR-5.00-SS	4,270	3,440	1,070	860	8,500	2,360	1,340	350	PFC Lip	DGBB-SS	7.58
CIR-5.00E-SS	17,940	20,000	7,410	14,120	2,490	3,750	-	650	NBR Dual Lip	PREMIUM TRB	9.24
CIR-5.00E-1-SS	17,940	20,000	7,410	14,120	2,490	3,900	-	650	NBR Dual Lip	PREMIUM TRB	9.24
CIR-6.00-SS	17,940	20,000	7,410	14,120	2,490	3,940	-	650	NBR Dual Lip	PREMIUM TRB	13.40





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CIR-SS-R – STAINLESS – 316

Channel & I-Beam – Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

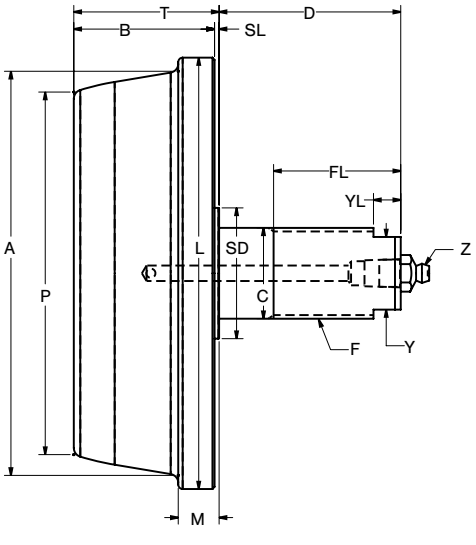
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER			WRENCH FLAT		Lube Size
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width		Dia.	Width	Dia.	Len.	Len. + Roller Width	
CIR-3.00-SS-R	2.56	1.13	0.625	1.50	5/8 - 18	0.75	-	2.94	0.31	2.23	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
CIR-3.00E-SS-R	2.56	1.63	0.875	2.00	7/8 - 14	1.13	-	2.94	0.62	2.17	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CIR-3.00-1-SS-R	2.50	1.63	1.000	2.25	1 - 14	1.50	-	2.94	0.50	2.06	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CIR-4.00-SS-R	3.56	1.63	0.875	2.00	7/8 - 14	1.13	-	3.94	0.53	3.14	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CIR-4.00E-SS-R	3.56	1.63	1.000	2.25	1 - 14	1.50	-	3.94	0.53	3.14	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CIR-4.00-1-SS-R	3.00	1.75	1.000	2.25	1 - 14	1.50	-	3.94	0.59	2.56	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
CIR-5.00-SS-R	4.56	1.63	1.000	2.25	1 - 14	1.50	-	4.94	0.50	4.13	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CIR-5.00E-SS-R	4.56	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.94	0.69	4.05	1.8	0.06	2.00	-	-	1/4-28 UNF
CIR-5.00E-1-SS-R	4.00	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	3.31	1.8	0.06	2.00	-	-	1/4-28 UNF
CIR-6.00-SS-R	5.56	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	5.94	0.56	4.99	1.8	0.06	2.00	-	-	1/4-28 UNF



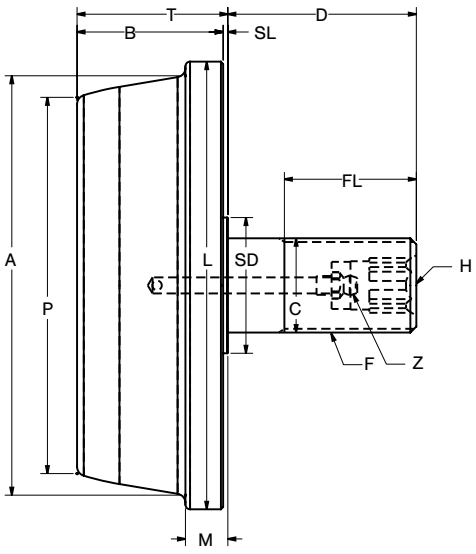
PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIR-3.00-SS-R	3" & UP
CIR-3.00E-SS-R	3" & UP
CIR-3.00-1-SS-R	3" & UP
CIR-4.00-SS-R	4" & UP
CIR-4.00E-SS-R	4" & UP
CIR-4.00-1-SS-R	4" & UP
CIR-5.00-SS-R	5" & UP
CIR-5.00E-SS-R	5" & UP
CIR-5.00E-1-SS-R	5" & UP
CIR-6.00-SS-R	6" & UP

5.00E ROLLER DIA. AND LARGER



THROUGH 5.00 ROLLER DIA.



Solutions Through Innovation

CIR-SS-R – STAINLESS – 316

Channel & I-Beam – Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIR-3.00-SS-R	2,090	1,350	530	340	15,000	450	550	180	PFC Lip	DGBB-SS	1.64
CIR-3.00E-SS-R	2,940	2,140	740	540	12,000	980	900	350	PFC Lip	DGBB-SS	2.40
CIR-3.00-1-SS-R	2,940	2,250	740	570	11,000	1,720	1,340	350	PFC Lip	DGBB-SS	2.37
CIR-4.00-SS-R	2,940	2,140	740	540	12,000	1,040	900	350	PFC Lip	DGBB-SS	4.64
CIR-4.00E-SS-R	4,270	3,440	1,070	860	8,500	2,330	1,340	350	PFC Lip	DGBB-SS	4.65
CIR-4.00-1-SS-R	13,720	14,800	5,130	9,470	2,100	2,150	-	650	NBR Dual Lip	PREMIUM TRB	3.98
CIR-5.00-SS-R	4,270	3,440	1,070	860	8,500	2,360	1,340	350	PFC Lip	DGBB-SS	7.58
CIR-5.00E-SS-R	17,940	20,000	7,410	14,120	2,490	3,750	-	650	NBR Dual Lip	PREMIUM TRB	9.24
CIR-5.00E-1-SS-R	17,940	20,000	7,410	14,120	2,490	3,900	-	650	NBR Dual Lip	PREMIUM TRB	9.24
CIR-6.00-SS-R	17,940	20,000	7,410	14,120	2,490	3,940	-	650	NBR Dual Lip	PREMIUM TRB	13.40





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

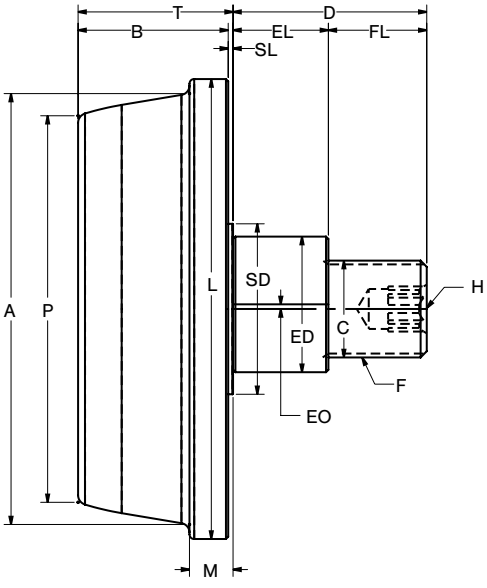
CIRE-SS – STAINLESS – 316

Channel & I-Beam – Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width		Dia.	Len.	Len. + Roller Width
CIRE-3.00-SS	2.56	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.94	0.31	2.23	1.1	0.06	1.19
CIRE-3.00E-SS	2.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.62	2.17	1.5	0.06	1.69
CIRE-3.00-1-SS	2.50	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	2.94	0.50	2.06	1.7	0.06	1.69
CIRE-4.00-SS	3.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	3.94	0.53	3.14	1.5	0.06	1.69
CIRE-4.00E-SS	3.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.94	0.53	3.14	1.7	0.06	1.69
CIRE-4.00-1-SS	3.00	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.94	0.59	2.56	1.7	0.06	1.81
CIRE-5.00-SS	4.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	4.94	0.50	4.13	1.7	0.06	1.69
CIRE-5.00E-SS	4.56	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.94	0.69	4.05	2.2	0.06	2.00
CIRE-5.00E-1-SS	4.00	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	3.31	2.2	0.06	2.00
CIRE-6.00-SS	5.56	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	5.94	0.56	4.99	2.2	0.06	2.00





PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIRE-3.00-SS	3" & UP
CIRE-3.00E-SS	3" & UP
CIRE-3.00-1-SS	3" & UP
CIRE-4.00-SS	4" & UP
CIRE-4.00E-SS	4" & UP
CIRE-4.00-1-SS	4" & UP
CIRE-5.00-SS	5" & UP
CIRE-5.00E-SS	5" & UP
CIRE-5.00E-1-SS	5" & UP
CIRE-6.00-SS	6" & UP

CIRE-SS – STAINLESS – 316

Channel & I-Beam – Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIRE-3.00-SS	2,090	1,350	530	340	15,000	450	550	250	PFC Lip	DGBB-SS	1.66
CIRE-3.00E-SS	2,940	2,140	740	540	12,000	980	900	650	PFC Lip	DGBB-SS	2.59
CIRE-3.00-1-SS	2,940	2,250	740	570	11,000	1,720	1,340	650	PFC Lip	DGBB-SS	2.59
CIRE-4.00-SS	2,940	2,140	740	540	12,000	1,040	900	650	PFC Lip	DGBB-SS	4.86
CIRE-4.00E-SS	4,270	3,440	1,070	860	8,500	2,560	1,340	650	PFC Lip	DGBB-SS	4.93
CIRE-4.00-1-SS	13,720	14,800	5,130	9,470	2,100	2,150	-	650	NBR Dual Lip	PREMIUM TRB	4.26
CIRE-5.00-SS	4,270	3,440	1,070	860	8,500	2,600	1,340	650	PFC Lip	DGBB-SS	7.85
CIRE-5.00E-SS	17,940	20,000	7,410	14,120	2,490	3,750	-	650	NBR Dual Lip	PREMIUM TRB	9.71
CIRE-5.00E-1-SS	17,940	20,000	7,410	14,120	2,490	3,900	-	650	NBR Dual Lip	PREMIUM TRB	9.71
CIRE-6.00-SS	17,940	20,000	7,410	14,120	2,490	3,940	-	650	NBR Dual Lip	PREMIUM TRB	13.46





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CIRE-SS-R – STAINLESS – 316

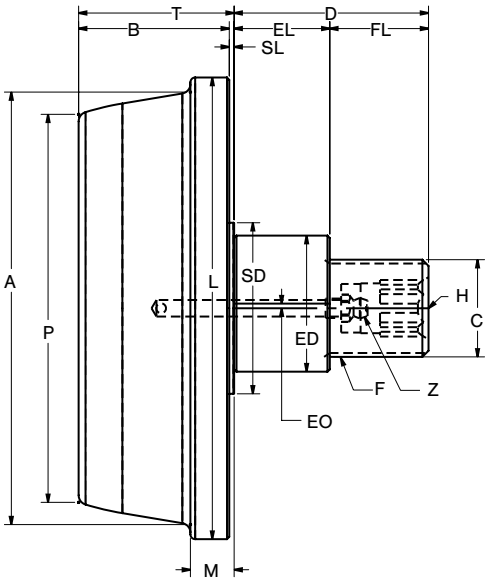
Channel & I-Beam – Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

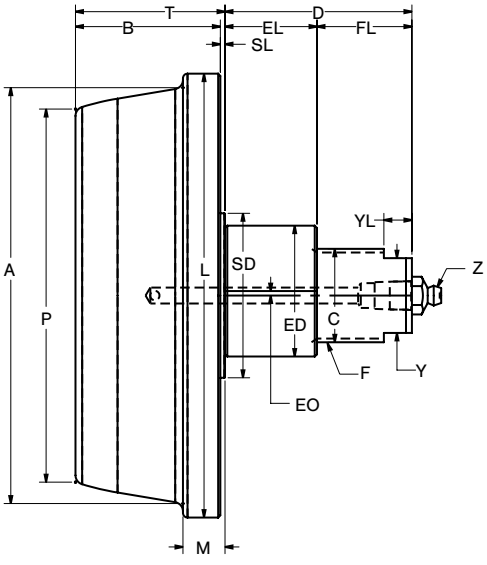
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD			FLANGE			SHOULDER			WRENCH		
	Dia.	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.	Hex Size	Dia.	Width	Point Dia.	Dia.	Len.	Len. + Roller Width	Flat	Flat Len.	Lube Size
CIRE-3.00-SS-R	2.56	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	2.94	0.31	2.23	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF
CIRE-3.00E-SS-R	2.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.94	0.62	2.17	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CIRE-3.00-1-SS-R	2.50	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	2.94	0.50	2.06	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CIRE-4.00-SS-R	3.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	3.94	0.53	3.14	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CIRE-4.00E-SS-R	3.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.94	0.53	3.14	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CIRE-4.00-1-SS-R	3.00	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.94	0.59	2.56	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
CIRE-5.00-SS-R	4.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	4.94	0.50	4.13	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CIRE-5.00E-SS-R	4.56	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	4.94	0.69	4.05	2.2	0.06	2.00	-	-	1/4-28 UNF
CIRE-5.00E-1-SS-R	4.00	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.94	0.59	3.31	2.2	0.06	2.00	-	-	1/4-28 UNF
CIRE-6.00-SS-R	5.56	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	5.94	0.56	4.99	2.2	0.06	2.00	-	-	1/4-28 UNF



5.00E ROLLER DIA. AND LARGER



THROUGH 5.00 ROLLER DIA.



PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIRE-3.00-SS-R	3" & UP
CIRE-3.00E-SS-R	3" & UP
CIRE-3.00-1-SS-R	3" & UP
CIRE-4.00-SS-R	4" & UP
CIRE-4.00E-SS-R	4" & UP
CIRE-4.00-1-SS-R	4" & UP
CIRE-5.00-SS-R	5" & UP
CIRE-5.00E-SS-R	5" & UP
CIRE-5.00E-1-SS-R	5" & UP
CIRE-6.00-SS-R	6" & UP

CIRE-SS-R – STAINLESS – 316

Channel & I-Beam – Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIRE-3.00-SS-R	2,090	1,350	530	340	15,000	450	550	250	PFC Lip	DGBB-SS	1.66
CIRE-3.00E-SS-R	2,940	2,140	740	540	12,000	980	900	650	PFC Lip	DGBB-SS	2.59
CIRE-3.00-1-SS-R	2,940	2,250	740	570	11,000	1,720	1,340	650	PFC Lip	DGBB-SS	2.59
CIRE-4.00-SS-R	2,940	2,140	740	540	12,000	1,040	900	650	PFC Lip	DGBB-SS	4.86
CIRE-4.00E-SS-R	4,270	3,440	1,070	860	8,500	2,560	1,340	650	PFC Lip	DGBB-SS	4.93
CIRE-4.00-1-SS-R	13,720	14,800	5,130	9,470	2,100	2,150	-	650	NBR Dual Lip	PREMIUM TRB	4.26
CIRE-5.00-SS-R	4,270	3,440	1,070	860	8,500	2,600	1,340	650	PFC Lip	DGBB-SS	7.85
CIRE-5.00E-SS-R	17,940	20,000	7,410	14,120	2,490	3,750	-	650	NBR Dual Lip	PREMIUM TRB	9.71
CIRE-5.00E-1-SS-R	17,940	20,000	7,410	14,120	2,490	3,900	-	650	NBR Dual Lip	PREMIUM TRB	9.71
CIRE-6.00-SS-R	17,940	20,000	7,410	14,120	2,490	3,940	-	650	NBR Dual Lip	PREMIUM TRB	13.46



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

EXTREME DUTY SOLUTIONS

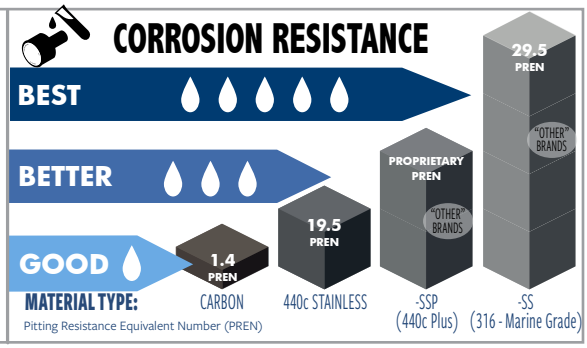
XR ROLLERS AND TRACK ROLLERS OPTIONS
STAINLESS STEEL – SSP – 440c PLUS

∞ | *Infinity Roller™ Technology*

WHY USE PCI STAINLESS STEEL PLUS SERIES ROLLERS?

PCI Stainless Steel PLUS series roller bodies are manufactured with 440c stainless steel materials PLUS proprietary heat treatment to withstand higher loads.

If superior load capacity while maintaining corrosion resistance is your goal, PCI Stainless Steel PLUS series Track Rollers & XR Rollers are your engineered solution.







440 STAINLESS STEEL PRECISION DEEP GROOVE BALL BEARINGS optimize balance of corrosion resistance and dynamic load capacity.

MATCHED SET OF TAPERED ROLLER BEARINGS ensure maximum thrust load paired with moderate radial load capacity in a precision bearing package.

"PLUS" STAINLESS STEEL PRECISION ROLLER BODY
is high strength corrosion resistant and added protection against direct spray and contamination.

TIGHT FIT STAINLESS STEEL DUST COVER*
adds protection against direct spray and contamination.

**Features dependent on size and Type of unit. See specifications for details.*

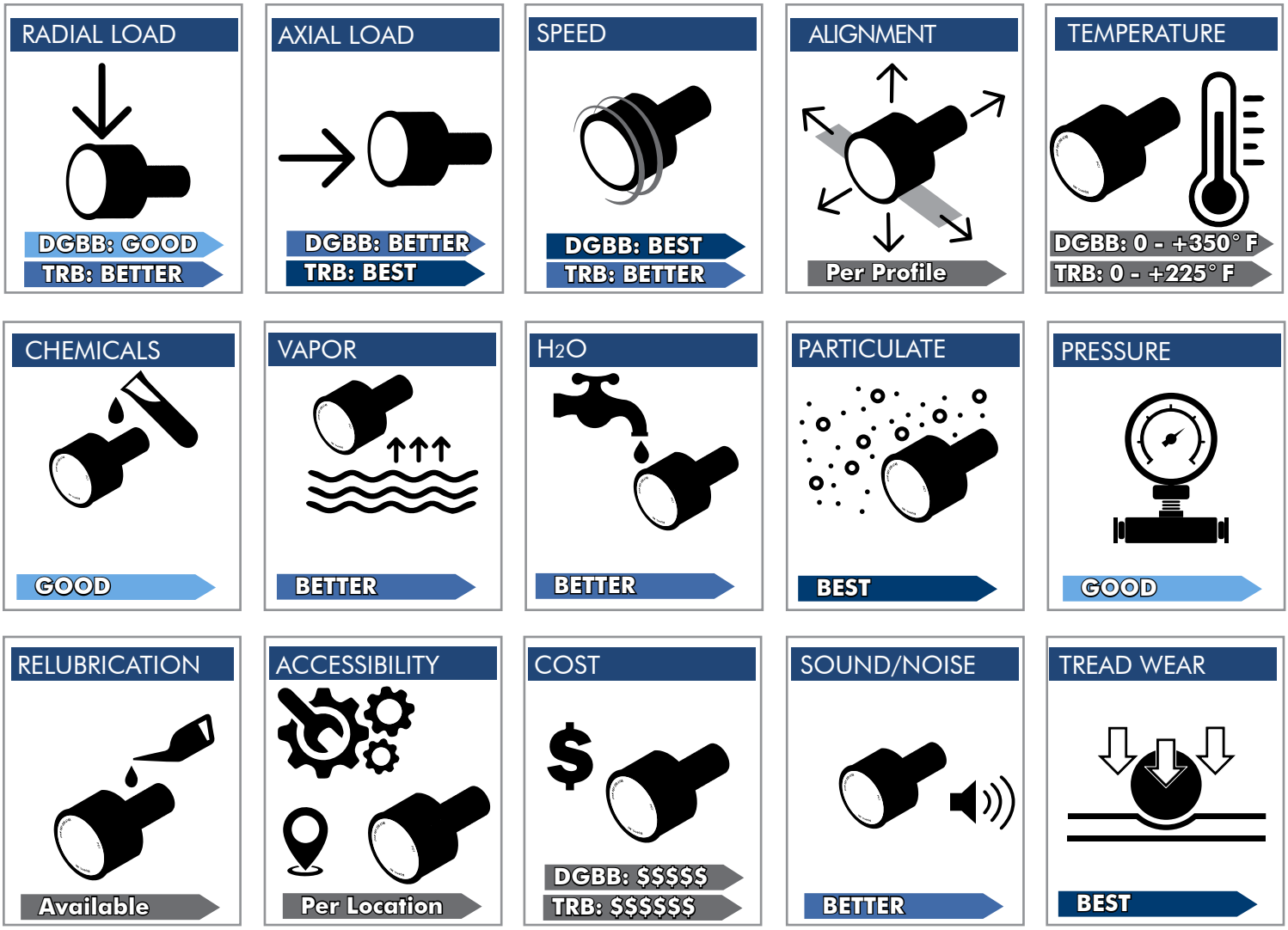
FLUOROCARBON RUBBER LIP SEALS
maximize protection of the bearing elements from high heat, chemicals and external contamination.

PREMIUM SYNTHETIC FOOD GRADE LUBRICANT
is resistant to chemicals and wash-out.

2205 DUPLEX STUD OR 316 STAINLESS STEEL EASY INSTALLATION SLIP FIT BORE
is strong stainless material providing increased performance under load.

TECHNICAL ASSISTANCE AND PRODUCT SELECTION

Application factors greatly impact proper selection and functionality of your load bearing roller assembly. If selection is conducted in haste, a load bearing roller assembly may be inadequately selected, leading to premature failure and costly downtime. This dashboard indicator will help you determine which PCI Load Bearing Roller Assembly is right for your unique application.



Dashboard Indicating Color Scale



= informational only

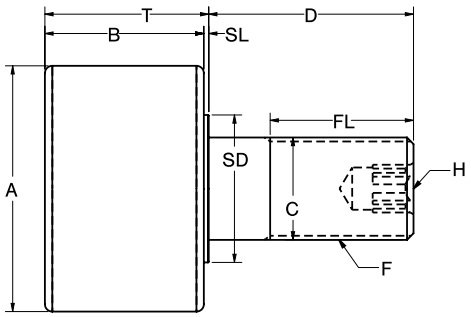
PTR-SSP – STAINLESS 440c PLUS

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
PTR-1.00-SSP	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
PTR-1.125-SSP	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
PTR-1.25-SSP	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
PTR-1.375-SSP	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
PTR-1.50-SSP	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	0.8	0.06	1.19
PTR-1.75-5-SSP	1.750	1.13	0.500	0.88	1/2- 13	0.75	-	.625(HEX)	0.32	1.44
PTR-1.75-SSP	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.06	1.19
PTR-2.00-2-SSP	2.000	1.32	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.38
PTR-2.00-SSP	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
PTR-2.25-SSP	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
PTR-2.50-SSP	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
PTR-2.50-10-SSP	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.19	1.81
PTR-2.50E-SSP	2.500	1.75	1.000	2.25	1 - 14	1.50	1/2	1.3	0.06	1.81
PTR-2.75-SSP	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
PTR-2.75E-SSP	2.750	1.75	1.000	2.25	1 - 14	1.50	1/2	1.3	0.06	1.81
PTR-3.00A-SSP	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-3.00-SSP	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-3.25A-SSP	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-3.25-SSP	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-3.50A-SSP	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-3.50-SSP	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-4.00A-SSP	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
PTR-4.00-SSP	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-4.50-SSP	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00
PTR-5.00-SSP	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	3.0	0.06	3.00
PTR-6.00-SSP	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00
PTR-7.00-SSP	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00
PTR-8.00-SSP	8.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00





Solutions Through Innovation

PTR-SSP – STAINLESS 440c PLUS

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTR-1.00-SSP	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.17
PTR-1.125-SSP	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.22
PTR-1.25-SSP	740	370	190	100	19,000	680	470	90	PFC Lip	DGBB-SS	0.30
PTR-1.375-SSP	740	370	190	100	19,000	680	470	90	PFC Lip	DGBB-SS	0.36
PTR-1.50-SSP	2,090	1,350	530	340	17,000	1,200	550	250	PFC Lip	DGBB-SS	0.56
PTR-1.75-5-SSP	2,090	1,350	530	340	15,000	780	550	500	PFC Lip	DGBB-SS	0.86
PTR-1.75-SSP	2,090	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	0.86
PTR-2.00-2-SSP	2,940	2,140	740	540	12,000	2,700	900	500	PFC Lip	DGBB-SS	1.39
PTR-2.00-SSP	2,940	2,140	740	540	12,000	2,700	900	500	PFC Lip	DGBB-SS	1.39
PTR-2.25-SSP	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	1.86
PTR-2.50-SSP	4,270	3,440	1,070	860	8,500	5,940	1,340	500	PFC Lip	DGBB-SS	2.34
PTR-2.50-10-SSP	4,270	3,440	1,070	860	8,500	5,460	1,340	500	PFC Lip	DGBB-SS	2.34
PTR-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	2.48
PTR-2.75-SSP	4,270	3,440	1,070	860	8,500	5,940	1,340	500	PFC Lip	DGBB-SS	2.82
PTR-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	3.00
PTR-3.00A-SSP	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	3.99
PTR-3.00-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	4.15
PTR-3.25A-SSP	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	4.65
PTR-3.25-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	4.84
PTR-3.50A-SSP	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	5.48
PTR-3.50-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	5.67
PTR-4.00A-SSP	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	7.13
PTR-4.00-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	7.33
PTR-4.50-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	9.22
PTR-5.00-SSP	38,060	58,400	14,350	37,660	1,550	28,560	-	1,500	NBR Dual Lip	PREMIUM TRB	18.81
PTR-6.00-SSP	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	29.03
PTR-7.00-SSP	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	36.28
PTR-8.00-SSP	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	47.34





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

PTR-SSP-R – STAINLESS 440c PLUS

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Roller Bearings - Regreasable

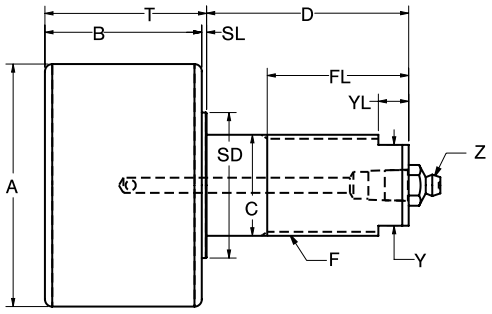
∞ Infinity Roller™ Technology

Solutions Through Innovation

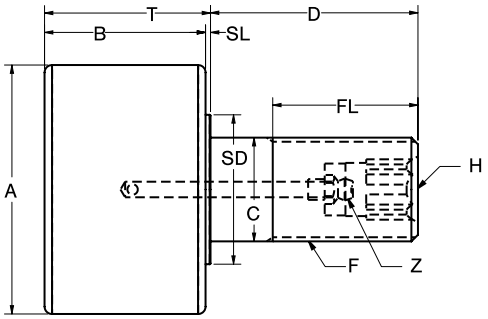
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width	Size	Len.	
PTR-1.00-SSP-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	0.5	0.03	0.78	0.312	0.250	1/8 Drive
PTR-1.125-SSP-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	0.5	0.03	0.78	0.312	0.250	1/8 Drive
PTR-1.25-SSP-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	0.6	0.03	0.84	0.375	0.250	1/8 Drive
PTR-1.375-SSP-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	0.6	0.03	0.84	0.375	0.250	1/8 Drive
PTR-1.50-SSP-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
PTR-1.75-5-SSP-R	1.750	1.13	0.500	0.88	1/2- 13	0.75	-	.625(HEX)	0.32	1.44	0.375	0.250	1/8 Drive
PTR-1.75-SSP-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	0.9	0.06	1.19	0.625	0.375	1/8-27 NPT
PTR-2.00-2-SSP-R	2.000	1.32	0.875	2.00	7/8 - 14	1.13	-	1.0	0.06	1.38	0.625	0.375	1/8-27 NPT
PTR-2.00-SSP-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
PTR-2.25-SSP-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
PTR-2.50-SSP-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
PTR-2.50-10-SSP-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	1.2	0.19	1.81	0.875	0.375	1/8-27 NPT
PTR-2.50E-SSP-R	2.500	1.75	1.000	2.25	1 - 14	1.50	-	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
PTR-2.75-SSP-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
PTR-2.75E-SSP-R	2.750	1.75	1.000	2.25	1 - 14	1.50	-	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
PTR-3.00A-SSP-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF
PTR-3.00-SSP-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	1.8	0.06	2.00	-	-	1/4-28 UNF
PTR-3.25A-SSP-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF
PTR-3.25-SSP-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	1.8	0.06	2.00	-	-	1/4-28 UNF
PTR-3.50A-SSP-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF
PTR-3.50-SSP-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	1.8	0.06	2.00	-	-	1/4-28 UNF
PTR-4.00A-SSP-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	1.5	0.06	2.00	-	-	1/4-28 UNF
PTR-4.00-SSP-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	1.8	0.06	2.00	-	-	1/4-28 UNF
PTR-4.50-SSP-R	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.8	0.06	2.00	-	-	1/4-28 UNF
PTR-5.00-SSP-R	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	3.0	0.06	3.00	-	-	1/4-28 UNF
PTR-6.00-SSP-R	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00	-	-	1/4-28 UNF
PTR-7.00-SSP-R	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00	-	-	1/4-28 UNF
PTR-8.00-SSP-R	8.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	3.5	0.06	3.00	-	-	1/4-28 UNF



THROUGH 2.75



3.00 ROLLER DIA. AND LARGER



PTR-SSP-R – STAINLESS 440c PLUS

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTR-1.00-SSP-R	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.17
PTR-1.125-SSP-R	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.22
PTR-1.25-SSP-R	740	370	190	100	19,000	680	470	90	PFC Lip	DGBB-SS	0.30
PTR-1.375-SSP-R	740	370	190	100	19,000	680	470	90	PFC Lip	DGBB-SS	0.36
PTR-1.50-SSP-R	2,090	1,350	530	340	17,000	1,200	550	250	PFC Lip	DGBB-SS	0.56
PTR-1.75-5-SSP-R	2,090	1,350	530	340	15,000	780	550	500	PFC Lip	DGBB-SS	0.86
PTR-1.75-SSP-R	2,090	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	0.86
PTR-2.00-2-SSP-R	2,940	2,140	740	540	12,000	2,700	900	500	PFC Lip	DGBB-SS	1.39
PTR-2.00-SSP-R	2,940	2,140	740	540	12,000	2,700	900	500	PFC Lip	DGBB-SS	1.39
PTR-2.25-SSP-R	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	1.86
PTR-2.50-SSP-R	4,270	3,440	1,070	860	8,500	5,940	1,340	500	PFC Lip	DGBB-SS	2.34
PTR-2.50-10-SSP-R	4,270	3,440	1,070	860	8,500	5,460	1,340	500	PFC Lip	DGBB-SS	2.34
PTR-2.50E-SSP-R	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	2.48
PTR-2.75-SSP-R	4,270	3,440	1,070	860	8,500	5,940	1,340	500	PFC Lip	DGBB-SS	2.82
PTR-2.75E-SSP-R	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	3.00
PTR-3.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	3.99
PTR-3.00-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	4.15
PTR-3.25A-SSP-R	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	4.65
PTR-3.25-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	4.84
PTR-3.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	5.48
PTR-3.50-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	5.67
PTR-4.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	7.13
PTR-4.00-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	7.33
PTR-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	9.22
PTR-5.00-SSP-R	38,060	58,400	14,350	37,660	1,550	28,560	-	1,500	NBR Dual Lip	PREMIUM TRB	18.81
PTR-6.00-SSP-R	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	29.03
PTR-7.00-SSP-R	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	36.28
PTR-8.00-SSP-R	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	47.34



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

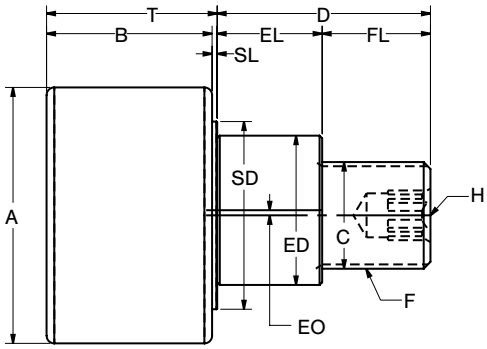
PTRE-SSP – STAINLESS 440c PLUS

Plain/Cylindrical – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
PTRE-1.00-SSP	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
PTRE-1.125-SSP	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
PTRE-1.25-SSP	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
PTRE-1.375-SSP	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
PTRE-1.50-SSP	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	1.1	0.06	1.19
PTRE-1.75-SSP	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	1.3	0.06	1.19
PTRE-2.00-2-SSP	2.000	1.32	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.38
PTRE-2.00-SSP	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
PTRE-2.25-SSP	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
PTRE-2.50-SSP	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
PTRE-2.50E-SSP	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	1.7	0.06	1.81
PTRE-2.75-SSP	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
PTRE-2.75E-SSP	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	1.7	0.06	1.81
PTRE-3.00A-SSP	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.00-SSP	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.25A-SSP	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.25-SSP	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
PTRE-3.50A-SSP	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-3.50-SSP	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-4.00A-SSP	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-4.00-SSP	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-4.50-SSP	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
PTRE-5.00-SSP	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	3.3	0.06	3.00
PTRE-6.00-SSP	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	3.6	0.06	3.00





PTRE-SSP – STAINLESS 440c PLUS

Plain/Cylindrical – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRE-1.00-SSP	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.20
PTRE-1.125-SSP	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.24
PTRE-1.25-SSP	740	370	190	100	19,000	680	470	200	PFC Lip	DGBB-SS	0.32
PTRE-1.375-SSP	740	370	190	100	19,000	680	470	200	PFC Lip	DGBB-SS	0.37
PTRE-1.50-SSP	2,090	1,350	530	340	17,000	1,200	550	500	PFC Lip	DGBB-SS	0.63
PTRE-1.75-SSP	2,090	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	0.96
PTRE-2.00-2-SSP	2,940	2,140	740	540	12,000	2,700	900	500	PFC Lip	DGBB-SS	1.68
PTRE-2.00-SSP	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	1.68
PTRE-2.25-SSP	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	2.07
PTRE-2.50-SSP	4,270	3,440	1,070	860	8,500	7,230	1,340	500	PFC Lip	DGBB-SS	2.48
PTRE-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	2.67
PTRE-2.75-SSP	4,270	3,440	1,070	860	8,500	7,230	1,340	500	PFC Lip	DGBB-SS	3.08
PTRE-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	3.17
PTRE-3.00A-SSP	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	4.53
PTRE-3.00-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	4.62
PTRE-3.25A-SSP	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	5.19
PTRE-3.25-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	5.31
PTRE-3.50A-SSP	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	6.10
PTRE-3.50-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
PTRE-4.00A-SSP	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	7.69
PTRE-4.00-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	7.93
PTRE-4.50-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	9.42
PTRE-5.00-SSP	38,060	58,400	14,350	37,660	1,550	28,560	-	1,500	NBR Dual Lip	PREMIUM TRB	20.20
PTRE-6.00-SSP	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	31.06



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

PTRE-SSP-R – STAINLESS 440c PLUS

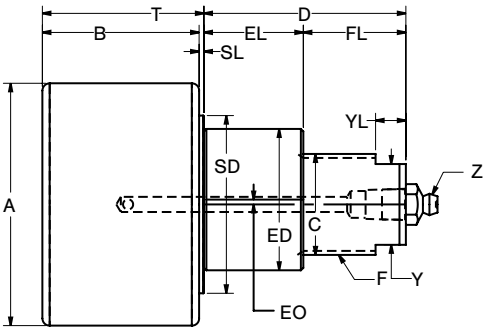
Plain/Cylindrical – Stud Type Eccentric Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

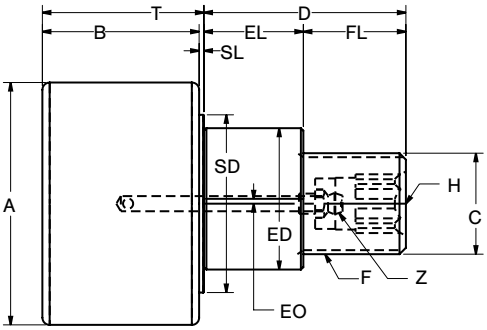
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width	Size	Len.	
PTRE-1.00-SSP-R	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	0.7	0.03	0.78	0.312	0.250	1/8 Drive
PTRE-1.125-SSP-R	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	0.7	0.03	0.78	0.312	0.250	1/8 Drive
PTRE-1.25-SSP-R	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	0.8	0.03	0.84	0.375	0.250	1/8 Drive
PTRE-1.375-SSP-R	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	0.8	0.03	0.84	0.375	0.250	1/8 Drive
PTRE-1.50-SSP-R	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF
PTRE-1.75-SSP-R	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	-	1.3	0.06	1.19	0.625	0.375	1/8-27 NPT
PTRE-2.00-2-SSP-R	2.000	1.32	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	1.5	0.06	1.38	0.625	0.375	1/8-27 NPT
PTRE-2.00-SSP-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
PTRE-2.25-SSP-R	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
PTRE-2.50-SSP-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
PTRE-2.50E-SSP-R	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
PTRE-2.75-SSP-R	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
PTRE-2.75E-SSP-R	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
PTRE-3.00A-SSP-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.00-SSP-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.25A-SSP-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.25-SSP-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.50A-SSP-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-3.50-SSP-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-4.00A-SSP-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-4.00-SSP-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-4.50-SSP-R	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
PTRE-5.00-SSP-R	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	3.3	0.06	3.00	-	-	1/4-28 UNF
PTRE-6.00-SSP-R	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	3.6	0.06	3.00	-	-	1/4-28 UNF



THROUGH 2.75



3.00 ROLLER DIA. AND LARGER



PTRE-SSP-R – STAINLESS 440c PLUS

Plain/Cylindrical – Stud Type Eccentric Ball & Tapered Roller Bearings Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRE-1.00-SSP-R	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.20
PTRE-1.125-SSP-R	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.24
PTRE-1.25-SSP-R	740	370	190	100	19,000	680	470	200	PFC Lip	DGBB-SS	0.32
PTRE-1.375-SSP-R	740	370	190	100	19,000	680	470	200	PFC Lip	DGBB-SS	0.37
PTRE-1.50-SSP-R	2,090	1,350	530	340	17,000	1,200	550	500	PFC Lip	DGBB-SS	0.63
PTRE-1.75-SSP-R	2,090	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	0.96
PTRE-2.00-2-SSP-R	2,940	2,140	740	540	12,000	2,700	900	500	PFC Lip	DGBB-SS	1.68
PTRE-2.00-SSP-R	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	1.68
PTRE-2.25-SSP-R	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	2.07
PTRE-2.50-SSP-R	4,270	3,440	1,070	860	8,500	7,230	1,340	500	PFC Lip	DGBB-SS	2.48
PTRE-2.50E-SSP-R	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	2.67
PTRE-2.75-SSP-R	4,270	3,440	1,070	860	8,500	7,230	1,340	500	PFC Lip	DGBB-SS	3.08
PTRE-2.75E-SSP-R	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	3.17
PTRE-3.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	4.53
PTRE-3.00-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	4.62
PTRE-3.25A-SSP-R	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	5.19
PTRE-3.25-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	5.31
PTRE-3.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	6.10
PTRE-3.50-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
PTRE-4.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	7.69
PTRE-4.00-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	7.93
PTRE-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	9.42
PTRE-5.00-SSP-R	38,060	58,400	14,350	37,660	1,550	28,560	-	1,500	NBR Dual Lip	PREMIUM TRB	20.20
PTRE-6.00-SSP-R	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	31.06





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

PTRY - SSP – STAINLESS 440c PLUS

Plain/Cylindrical – Yoke
Ball & Tapered Roller Bearings

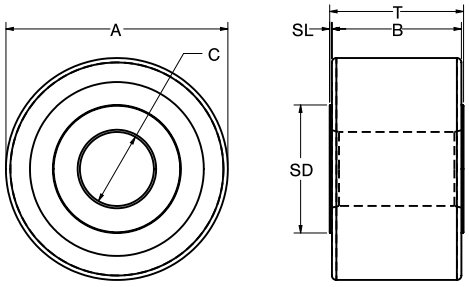
∞ Infinity Roller™ Technology

Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	SD	SL	T	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	SHOULDER		Inner Race Width +.005 -.010	Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width		Dia.	Len.			
PTRY-1.00-SSP	1.000	0.63	0.3130	0.6	0.03	0.690	YSH-.312-SS	YSHE-.312-SS
PTRY-1.125-SSP	1.125	0.63	0.3130	0.6	0.03	0.690	YSH-.312-SS	YSHE-.312-SS
PTRY-1.25-SSP	1.250	0.75	0.3755	0.6	0.03	0.813	YSH-.375-SS	YSHE-.375-SS
PTRY-1.375-SSP	1.375	0.75	0.3755	0.6	0.03	0.813	YSH-.375-SS	YSHE-.375-SS
PTRY-1.50-SSP	1.500	0.88	0.4380	0.9	0.03	0.937	YSH-.437-SS	YSHE-.437-SS
PTRY-1.75-SSP	1.750	1.00	0.5005	0.9	0.03	1.063	YSH-.500-SS	YSHE-.500-SS
PTRY-2.00-SSP	2.000	1.25	0.6255	1.1	0.03	1.313	YSH-.625-SS	YSHE-.625-SS
PTRY-2.25-SSP	2.250	1.25	0.6255	1.1	0.03	1.313	YSH-.625-SS	YSHE-.625-SS
PTRY-2.50-SSP	2.500	1.50	0.7505	1.2	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
PTRY-2.50E-SSP	2.500	1.50	0.7505	1.3	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
PTRY-2.75-SSP	2.750	1.50	0.7505	1.2	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
PTRY-2.75E-SSP	2.750	1.50	0.7505	1.3	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
PTRY-3.00A-SSP	3.000	1.75	1.0005	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
PTRY-3.00-SSP	3.000	1.75	1.0005	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
PTRY-3.25A-SSP	3.250	1.75	1.0005	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
PTRY-3.25-SSP	3.250	1.75	1.0005	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
PTRY-3.50A-SSP	3.500	2.00	1.1255	2.0	0.03	2.063	YSH-1.125-SS	YSHE-1.125-SS
PTRY-3.50-SSP	3.500	2.00	1.1255	2.0	0.03	2.063	YSH-1.125-SS	YSHE-1.125-SS
PTRY-4.00A-SSP	4.000	2.25	1.2505	2.0	0.03	2.313	YSH-1.250-SS	YSHE-1.250-SS
PTRY-4.00-SSP	4.000	2.25	1.2505	2.0	0.03	2.313	YSH-1.250-SS	YSHE-1.250-SS
PTRY-4.50-SSP	4.500	1.75	1.0005	1.7	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
PTRY-5.00-SSP	5.000	2.75	1.7508	3.2	0.06	2.875	YSH-1.750-SS	YSHE-1.750-SS
PTRY-6.00-SSP	6.000	3.25	2.2508	3.5	0.06	3.375	YSH-2.250-SS	YSHE-2.250-SS
PTRY-7.00-SSP	7.000	3.75	2.7508	4.1	0.06	3.875	YSH-2.750-SS	YSHE-2.750-SS
PTRY-8.00-SSP	8.000	4.25	3.2560	4.7	0.13	4.500	-	-
PTRY-9.00-SSP	9.000	4.75	3.7560	5.3	0.13	5.000	-	-
PTRY-10.00-SSP	10.000	5.25	4.2560	6.5	0.13	5.500	-	-







PTRY - SSP – STAINLESS 440c PLUS

Plain/Cylindrical – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRY-1.00-SSP	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.09
PTRY-1.125-SSP	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.13
PTRY-1.25-SSP	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.18
PTRY-1.375-SSP	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.23
PTRY-1.50-SSP	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.31
PTRY-1.75-SSP	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.51
PTRY-2.00-SSP	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	0.82
PTRY-2.25-SSP	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.10
PTRY-2.50-SSP	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	1.59
PTRY-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.62
PTRY-2.75-SSP	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.03
PTRY-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.06
PTRY-3.00A-SSP	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	2.47
PTRY-3.00-SSP	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	2.67
PTRY-3.25A-SSP	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.09
PTRY-3.25-SSP	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.29
PTRY-3.50A-SSP	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	4.00
PTRY-3.50-SSP	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	4.37
PTRY-4.00A-SSP	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	6.36
PTRY-4.00-SSP	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	6.77
PTRY-4.50-SSP	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	6.91
PTRY-5.00-SSP	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	12.55
PTRY-6.00-SSP	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	19.77
PTRY-7.00-SSP	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	30.29
PTRY-8.00-SSP	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	44.84
PTRY-9.00-SSP	142,470	167,000	53,600	115,980	760	NBR Lip	PREMIUM TRB	62.76
PTRY-10.00-SSP	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	84.24





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

PTRY-SSP - R – STAINLESS 440c PLUS

Plain/Cylindrical – Yoke

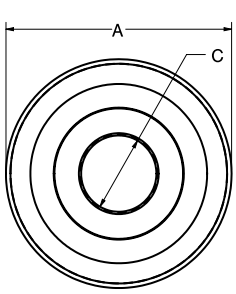
Ball & Tapered Roller Bearings - Regreasable

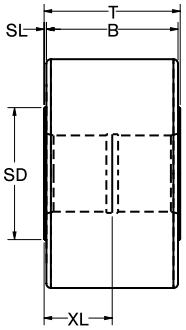
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	SD	SL	T	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER			SHOULDER					
	Dia. +.000 -.001	Width	Bore Dia. +.0007 -.0000	Dia.	Len.	Inner Race Width +.005 -.010	Grease Groove Location	Concentric Shaft	Eccentric Shaft
PTRY-1.00-SSP-R	1.000	0.63	0.3130	0.6	0.03	0.688	0.34	YSH-.312-SS-R	YSHE-.312-SS-R
PTRY-1.125-SSP-R	1.125	0.63	0.3130	0.6	0.03	0.688	0.34	YSH-.312-SS-R	YSHE-.312-SS-R
PTRY-1.25-SSP-R	1.250	0.75	0.3755	0.6	0.03	0.813	0.41	YSH-.375-SS-R	YSHE-.375-SS-R
PTRY-1.375-SSP-R	1.375	0.75	0.3755	0.6	0.03	0.813	0.41	YSH-.375-SS-R	YSHE-.375-SS-R
PTRY-1.50-SSP-R	1.500	0.88	0.4380	0.9	0.03	0.937	0.47	YSH-.437-SS-R	YSHE-.437-SS-R
PTRY-1.75-SSP-R	1.750	1.00	0.5005	0.9	0.03	1.063	0.53	YSH-.500-SS-R	YSHE-.500-SS-R
PTRY-2.00-SSP-R	2.000	1.25	0.6255	1.1	0.03	1.313	0.66	YSH-.625-SS-R	YSHE-.625-SS-R
PTRY-2.25-SSP-R	2.250	1.25	0.6255	1.1	0.03	1.313	0.66	YSH-.625-SS-R	YSHE-.625-SS-R
PTRY-2.50-SSP-R	2.500	1.50	0.7505	1.2	0.03	1.563	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
PTRY-2.50E-SSP-R	2.500	1.50	0.7505	1.3	0.03	1.563	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
PTRY-2.75-SSP-R	2.750	1.50	0.7505	1.2	0.03	1.563	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
PTRY-2.75E-SSP-R	2.750	1.50	0.7505	1.3	0.03	1.563	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
PTRY-3.00A-SSP-R	3.000	1.75	1.0005	1.8	0.03	1.813	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
PTRY-3.00-SSP-R	3.000	1.75	1.0005	1.8	0.03	1.813	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
PTRY-3.25A-SSP-R	3.250	1.75	1.0005	1.8	0.03	1.813	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
PTRY-3.25-SSP-R	3.250	1.75	1.0005	1.8	0.03	1.813	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
PTRY-3.50A-SSP-R	3.500	2.00	1.1255	2.0	0.03	2.063	1.03	YSH-1.125-SS-R	YSHE-1.125-SS-R
PTRY-3.50-SSP-R	3.500	2.00	1.1255	2.0	0.03	2.063	1.03	YSH-1.125-SS-R	YSHE-1.125-SS-R
PTRY-4.00A-SSP-R	4.000	2.25	1.2505	2.0	0.03	2.313	1.16	YSH-1.250-SS-R	YSHE-1.250-SS-R
PTRY-4.00-SSP-R	4.000	2.25	1.2505	2.0	0.03	2.313	1.16	YSH-1.250-SS-R	YSHE-1.250-SS-R
PTRY-4.50-SSP-R	4.500	1.75	1.0005	1.7	0.03	1.813	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
PTRY-5.00-SSP-R	5.000	2.75	1.7508	3.2	0.06	2.875	1.44	YSH-1.750-SS-R	YSHE-1.750-SS-R
PTRY-6.00-SSP-R	6.000	3.25	2.2508	3.5	0.06	3.375	1.69	YSH-2.250-SS-R	YSHE-2.250-SS-R
PTRY-7.00-SSP-R	7.000	3.75	2.7508	4.1	0.06	3.875	1.94	YSH-2.750-SS-R	YSHE-2.750-SS-R
PTRY-8.00-SSP-R	8.000	4.25	3.2560	4.7	0.13	4.500	2.25	-	-
PTRY-9.00-SSP-R	9.000	4.75	3.7560	5.3	0.13	5.000	2.50	-	-
PTRY-10.00-SSP-R	10.000	5.25	4.2560	6.5	0.13	5.500	2.75	-	-









PTRY-SSP - R – STAINLESS 440c PLUS

Plain/Cylindrical – Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbs) C	Basic Radial Static Load Rating (lbs) Co	Thrust Dynamic Load Rating (lbs)	Thrust Static Load Rating (lbs)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PTRY-1.00-SSP-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.09
PTRY-1.125-SSP-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.13
PTRY-1.25-SSP-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.18
PTRY-1.375-SSP-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.23
PTRY-1.50-SSP-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.31
PTRY-1.75-SSP-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.51
PTRY-2.00-SSP-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	0.82
PTRY-2.25-SSP-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.10
PTRY-2.50-SSP-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	1.59
PTRY-2.50E-SSP-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.62
PTRY-2.75-SSP-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.03
PTRY-2.75E-SSP-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.06
PTRY-3.00A-SSP-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	2.47
PTRY-3.00-SSP-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	2.67
PTRY-3.25A-SSP-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.09
PTRY-3.25-SSP-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.29
PTRY-3.50A-SSP-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	4.00
PTRY-3.50-SSP-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	4.37
PTRY-4.00A-SSP-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	6.36
PTRY-4.00-SSP-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	6.77
PTRY-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	6.91
PTRY-5.00-SSP-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	12.55
PTRY-6.00-SSP-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	19.77
PTRY-7.00-SSP-R	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	30.29
PTRY-8.00-SSP-R	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	44.84
PTRY-9.00-SSP-R	142,470	167,000	57,860	115,980	760	NBR Lip	PREMIUM TRB	62.76
PTRY-10.00-SSP-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	84.24





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

PXR-SSP – STAINLESS 440c PLUS

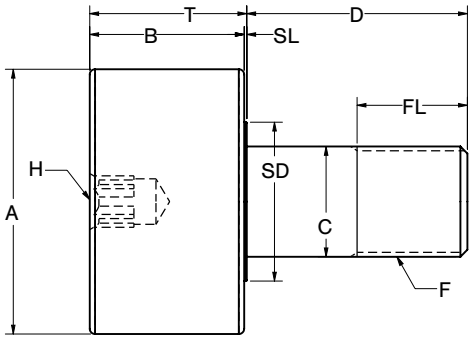
Plain/Cylindrical – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
PXR-1.00-SSP	1.000	0.63	0.438	1.00	7/16 - 20	0.50	5/16	0.6	0.03	0.66
PXR-1.125-SSP	1.125	0.63	0.438	1.00	7/16 - 20	0.50	5/16	0.6	0.03	0.66
PXR-1.25-SSP	1.250	0.75	0.500	1.25	1/2 - 20	0.63	5/16	0.6	0.03	0.78
PXR-1.375-SSP	1.375	0.75	0.500	1.25	1/2 - 20	0.63	5/16	0.6	0.03	0.78
PXR-1.50-SSP	1.500	0.88	0.625	1.50	5/8 - 18	0.75	5/16	0.8	0.03	0.91
PXR-1.75-SSP	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.03	1.03
PXR-2.00-SSP	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28
PXR-2.25-SSP	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28
PXR-2.50-SSP	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-2.50E-SSP	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-2.75-SSP	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-2.75E-SSP	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
PXR-3.00A-SSP	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78
PXR-3.00-SSP	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.8	0.03	1.78
PXR-3.25A-SSP	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78
PXR-3.25-SSP	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.8	0.03	1.78
PXR-3.50A-SSP	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	1.8	0.03	2.03
PXR-3.50-SSP	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	2.0	0.03	2.03
PXR-4.00A-SSP	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	1.8	0.03	2.28
PXR-4.00-SSP	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	2.0	0.03	2.28
PXR-5.00-SSP	5.000	2.75	2.000	5.06	2 - 12	2.56	5/8	2.9	0.06	2.81
PXR-6.00-SSP	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	5/8	3.3	0.06	3.31
PXR-7.00-SSP	7.000	3.75	3.000	7.69	3 - 12	4.13	5/8	4.1	0.06	3.81
PXR-8.00-SSP	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	5/8	4.7	0.06	4.31
PXR-9.00-SSP	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	5/8	5.3	0.06	4.81
PXR-10.00-SSP	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	5/8	6.5	0.13	5.38







PXR-SSP – STAINLESS 440c PLUS

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXR-1.00-SSP	510	360	130	90	20,000	1,330	470	90	PFC Lip	DGBB-SS	0.14
PXR-1.125-SSP	510	360	130	90	20,000	1,330	470	90	PFC Lip	DGBB-SS	0.19
PXR-1.25-SSP	920	660	230	170	20,000	1,690	470	90	PFC Lip	DGBB-SS	0.26
PXR-1.375-SSP	920	660	230	170	20,000	1,690	470	90	PFC Lip	DGBB-SS	0.31
PXR-1.50-SSP	1,450	1,150	370	290	14,000	2,840	910	250	PFC Lip	DGBB-SS	0.45
PXR-1.75-SSP	1,450	1,150	370	290	14,000	4,520	910	500	PFC Lip	DGBB-SS	0.75
PXR-2.00-SSP	2,940	2,250	740	570	11,000	5,220	1,340	500	PFC Lip	DGBB-SS	1.22
PXR-2.25-SSP	2,940	2,250	740	570	11,000	5,220	1,340	500	PFC Lip	DGBB-SS	1.50
PXR-2.50-SSP	4,270	3,440	1,070	860	8,500	7,000	1,340	500	PFC Lip	DGBB-SS	2.17
PXR-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.24
PXR-2.75-SSP	4,270	3,440	1,070	860	8,500	7,000	1,340	500	PFC Lip	DGBB-SS	2.60
PXR-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.67
PXR-3.00A-SSP	5,030	4,590	1,260	1,150	7,000	11,790	1,950	1,000	PFC Lip	DGBB-SS	3.56
PXR-3.00-SSP	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	3.81
PXR-3.25A-SSP	5,030	4,590	1,260	1,150	7,000	11,790	1,950	1,000	PFC Lip	DGBB-SS	4.31
PXR-3.25-SSP	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	4.41
PXR-3.50A-SSP	5,320	5,130	1,330	1,290	6,300	13,790	3,000	1,000	PFC Lip	DGBB-SS	5.47
PXR-3.50-SSP	18,670	27,200	6,210	15,480	2,140	13,790	-	1,500	NBR Dual Lip	PREMIUM TRB	5.93
PXR-4.00A-SSP	5,320	5,130	1,330	1,290	6,300	15,960	3,000	1,000	PFC Lip	DGBB-SS	8.25
PXR-4.00-SSP	18,670	27,200	6,210	15,480	2,140	15,960	-	1,500	NBR Dual Lip	PREMIUM TRB	8.90
PXR-5.00-SSP	38,060	58,400	14,350	37,660	1,550	30,450	-	1,500	NBR Dual Lip	PREMIUM TRB	18.12
PXR-6.00-SSP	37,990	56,200	15,320	38,740	1,250	50,650	-	1,500	NBR Dual Lip	PREMIUM TRB	30.87
PXR-7.00-SSP	45,050	79,800	18,750	56,790	1,020	76,220	-	1,500	NBR Lip	PREMIUM TRB	52.15
PXR-8.00-SSP	89,040	159,800	42,050	129,030	850	85,820	-	1,500	NBR Lip	PREMIUM TRB	74.27
PXR-9.00-SSP	142,470	167,000	57,860	147,000	760	118,300	-	1,500	NBR Lip	PREMIUM TRB	106.53
PXR-10.00-SSP	145,100	266,000	66,730	209,180	650	148,960	-	1,500	NBR Lip	PREMIUM TRB	140.43



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

PXR-SSP - R – STAINLESS 440c PLUS

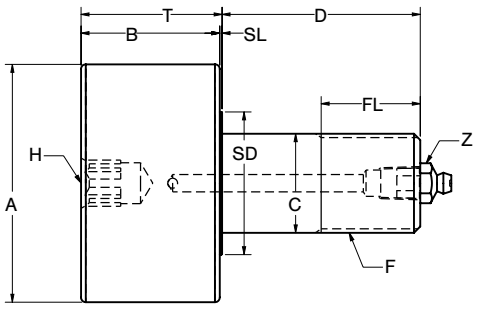
Plain/Cylindrical – Stud Type Concentric Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

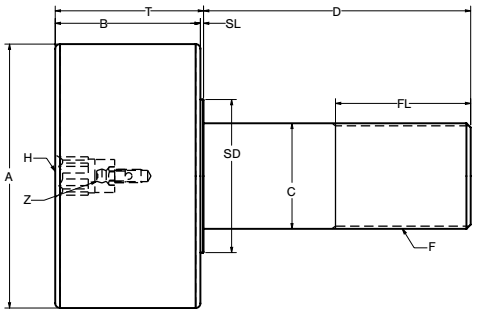
STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T	Z
	ROLLER		STUD		THREAD		Hex Size	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width	
PXR-1.75-SSP-R	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.03	1.03	1/8 Drive
PXR-2.00-SSP-R	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28	1/8 Drive
PXR-2.25-SSP-R	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28	1/8 Drive
PXR-2.50-SSP-R	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53	1/8 Drive
PXR-2.50E-SSP-R	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53	1/4-28 UNF
PXR-2.75-SSP-R	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53	1/8 Drive
PXR-2.75E-SSP-R	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53	1/8-27 NPT
PXR-3.00A-SSP-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78	1/8-27 NPT
PXR-3.00-SSP-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.8	0.03	1.78	1/8-27 NPT
PXR-3.25A-SSP-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78	1/8-27 NPT
PXR-3.25-SSP-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.8	0.03	1.78	1/8-27 NPT
PXR-3.50A-SSP-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	1.8	0.03	2.03	1/8-27 NPT
PXR-3.50-SSP-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	2.0	0.03	2.03	1/8-27 NPT
PXR-4.00A-SSP-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	1.8	0.03	2.28	1/8-27 NPT
PXR-4.00-SSP-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	2.0	0.03	2.28	1/8-27 NPT
PXR-5.00-SSP-R	5.000	2.75	2.000	5.06	2 - 12	2.56	5/8	2.9	0.06	2.81	1/4-28 UNF
PXR-6.00-SSP-R	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	5/8	3.3	0.06	3.31	1/4-28 UNF
PXR-7.00-SSP-R	7.000	3.75	3.000	7.69	3 - 12	4.13	5/8	4.1	0.06	3.81	1/4-28 UNF
PXR-8.00-SSP-R	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	5/8	4.7	0.06	4.31	1/4-28 UNF
PXR-9.00-SSP-R	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	5/8	5.3	0.06	4.81	1/4-28 UNF
PXR-10.00-SSP-R	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	5/8	6.5	0.13	5.50	1/4-28 UNF



PXR-SSP-R BB



PXR-SSP-R TRB



PXR-SSP - R – STAINLESS 440c PLUS

Plain/Cylindrical – Stud Type Concentric Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXR-1.75-SSP-R	1,450	1,150	370	290	14,000	4,520	910	500	PFC Lip	DGBB-SS	0.75
PXR-2.00-SSP-R	2,940	2,250	740	570	11,000	5,220	1,340	500	PFC Lip	DGBB-SS	1.22
PXR-2.25-SSP-R	2,940	2,250	740	570	11,000	5,220	1,340	500	PFC Lip	DGBB-SS	1.50
PXR-2.50-SSP-R	4,270	3,440	1,070	860	8,500	7,000	1,340	500	PFC Lip	DGBB-SS	2.17
PXR-2.50E-SSP-R	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.24
PXR-2.75-SSP-R	4,270	3,440	1,070	860	8,500	7,000	1,340	500	PFC Lip	DGBB-SS	2.60
PXR-2.75E-SSP-R	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.67
PXR-3.00A-SSP-R	5,030	4,590	1,260	1,150	7,000	11,790	1,950	1,000	PFC Lip	DGBB-SS	3.56
PXR-3.00-SSP-R	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	3.81
PXR-3.25A-SSP-R	5,030	4,590	1,260	1,150	7,000	11,790	1,950	1,000	PFC Lip	DGBB-SS	4.31
PXR-3.25-SSP-R	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	4.41
PXR-3.50A-SSP-R	5,320	5,130	1,330	1,290	6,300	13,790	3,000	1,000	PFC Lip	DGBB-SS	5.47
PXR-3.50-SSP-R	18,670	27,200	6,210	15,480	2,140	13,790	-	1,500	NBR Dual Lip	PREMIUM TRB	5.93
PXR-4.00A-SSP-R	5,320	5,130	1,330	1,290	6,300	15,960	3,000	1,000	PFC Lip	DGBB-SS	8.25
PXR-4.00-SSP-R	18,670	27,200	6,210	15,480	2,140	15,960	-	1,500	NBR Dual Lip	PREMIUM TRB	8.90
PXR-5.00-SSP-R	38,060	58,400	14,350	37,660	1,550	30,450	-	1,500	NBR Dual Lip	PREMIUM TRB	18.12
PXR-6.00-SSP-R	37,990	56,200	15,320	38,740	1,250	50,650	-	1,500	NBR Dual Lip	PREMIUM TRB	30.87
PXR-7.00-SSP-R	45,050	79,800	18,750	56,790	1,020	76,220	-	1,500	NBR Lip	PREMIUM TRB	52.15
PXR-8.00-SSP-R	89,040	159,800	42,050	129,030	850	85,820	-	1,500	NBR Lip	PREMIUM TRB	74.27
PXR-9.00-SSP-R	142,470	167,000	57,860	147,000	760	118,300	-	1,500	NBR Lip	PREMIUM TRB	106.53
PXR-10.00-SSP-R	145,100	266,000	66,730	209,180	650	148,960	-	1,500	NBR Lip	PREMIUM TRB	140.43



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

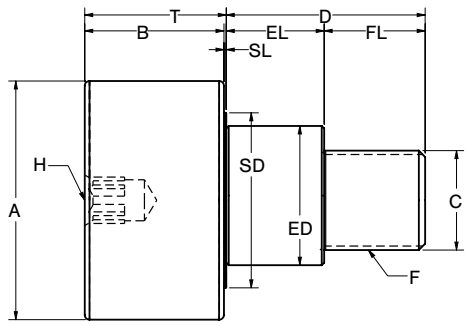
PXRE - SSP – STAINLESS 440c PLUS

Plain/Cylindrical – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
PXRE-1.00-SSP	1.000	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	0.8	0.03	0.66
PXRE-1.125-SSP	1.125	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	0.8	0.03	0.66
PXRE-1.25-SSP	1.250	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	0.9	0.03	0.78
PXRE-1.375-SSP	1.375	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	0.9	0.03	0.78
PXRE-1.50-SSP	1.500	0.88	0.625	1.50	0.875	0.75	0.03	5/8 - 18	0.75	5/16	1.0	0.03	0.91
PXRE-1.75-SSP	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	1.2	0.03	1.03
PXRE-2.00-SSP	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28
PXRE-2.25-SSP	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28
PXRE-2.50-SSP	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-2.50E-SSP	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-2.75-SSP	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-2.75E-SSP	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
PXRE-3.00A-SSP	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.00-SSP	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.25A-SSP	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.25-SSP	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
PXRE-3.50A-SSP	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03
PXRE-3.50-SSP	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03
PXRE-4.00A-SSP	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28
PXRE-4.00-SSP	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28





PXRE - SSP – STAINLESS 440c PLUS

Plain/Cylindrical – Stud Type Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXRE-1.00-SSP	510	360	130	90	20,000	2,650	470	200	NBR Lip	DGBB-SS	0.17
PXRE-1.125-SSP	510	360	130	90	20,000	2,650	470	200	NBR Lip	DGBB-SS	0.22
PXRE-1.25-SSP	920	660	230	170	20,000	2,240	470	200	NBR Lip	DGBB-SS	0.30
PXRE-1.375-SSP	920	660	230	170	20,000	2,240	470	200	NBR Lip	DGBB-SS	0.35
PXRE-1.50-SSP	1,450	1,150	370	290	14,000	5,380	910	500	PFC Lip	DGBB-SS	0.53
PXRE-1.75-SSP	1,450	1,150	370	290	14,000	4,250	910	500	PFC Lip	DGBB-SS	0.84
PXRE-2.00-SSP	2,940	2,250	740	570	11,000	5,200	1,340	500	PFC Lip	DGBB-SS	1.46
PXRE-2.25-SSP	2,940	2,250	740	570	11,000	5,200	1,340	500	PFC Lip	DGBB-SS	1.78
PXRE-2.50-SSP	4,270	3,440	1,070	860	8,500	8,210	1,340	500	PFC Lip	DGBB-SS	2.43
PXRE-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.50
PXRE-2.75-SSP	4,270	3,440	1,070	860	8,500	8,210	1,340	500	PFC Lip	DGBB-SS	2.89
PXRE-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.95
PXRE-3.00A-SSP	5,030	4,590	1,260	1,150	7,000	19,300	1,950	1,000	PFC Lip	DGBB-SS	4.00
PXRE-3.00-SSP	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	4.28
PXRE-3.25A-SSP	5,030	4,590	1,260	1,150	7,000	19,300	1,950	1,000	PFC Lip	DGBB-SS	4.36
PXRE-3.25-SSP	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	4.47
PXRE-3.50A-SSP	5,320	5,130	1,330	1,290	6,300	25,680	3,000	1,000	PFC Lip	DGBB-SS	6.00
PXRE-3.50-SSP	18,670	27,200	6,210	15,480	2,140	13,790	-	1,500	NBR Dual Lip	PREMIUM TRB	6.44
PXRE-4.00A-SSP	5,320	5,130	1,330	1,290	6,300	25,810	3,000	1,000	PFC Lip	DGBB-SS	9.11
PXRE-4.00-SSP	18,670	27,200	6,210	15,480	2,140	15,960	-	1,500	NBR Dual Lip	PREMIUM TRB	9.64



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

PXRE-SSP - R – STAINLESS 440c PLUS

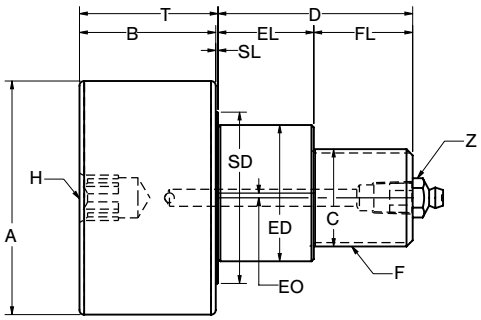
Plain/Cylindrical – Stud Type Eccentric Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width	
PXRE-1.75-SSP-R	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	1.2	0.03	1.03	1/8 Drive
PXRE-2.00-SSP-R	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28	1/8 Drive
PXRE-2.25-SSP-R	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28	1/8 Drive
PXRE-2.50-SSP-R	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53	1/8 Drive
PXRE-2.50E-SSP-R	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53	1/4-28 UNF
PXRE-2.75-SSP-R	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53	1/8-27 NPT
PXRE-2.75E-SSP-R	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53	1/8-27 NPT
PXRE-3.00A-SSP-R	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78	1/8-27 NPT
PXRE-3.00-SSP-R	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78	1/8-27 NPT
PXRE-3.25A-SSP-R	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78	1/8-27 NPT
PXRE-3.25-SSP-R	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78	1/8-27 NPT
PXRE-3.50A-SSP-R	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03	1/8-27 NPT
PXRE-3.50-SSP-R	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03	1/8-27 NPT
PXRE-4.00A-SSP-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28	1/4-28 UNF
PXRE-4.00-SSP-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28	1/4-28 UNF





PXRE-SSP - R – STAINLESS 440c PLUS

Plain/Cylindrical – Stud Type Eccentric Ball & Tapered Roller Bearings Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
PXRE-1.75-SSP-R	1,450	1,150	370	290	14,000	4,250	910	500	PFC Lip	DGBB-SS	0.84
PXRE-2.00-SSP-R	2,940	2,250	740	570	11,000	5,200	1,340	500	PFC Lip	DGBB-SS	1.46
PXRE-2.25-SSP-R	2,940	2,250	740	570	11,000	5,200	1,340	500	PFC Lip	DGBB-SS	1.78
PXRE-2.50-SSP-R	4,270	3,440	1,070	860	8,500	8,210	1,340	500	PFC Lip	DGBB-SS	2.43
PXRE-2.50E-SSP-R	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.50
PXRE-2.75-SSP-R	4,270	3,440	1,070	860	8,500	8,210	1,340	500	PFC Lip	DGBB-SS	2.89
PXRE-2.75E-SSP-R	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.95
PXRE-3.00A-SSP-R	5,030	4,590	1,260	1,150	7,000	19,300	1,950	1,000	PFC Lip	DGBB-SS	4.00
PXRE-3.00-SSP-R	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	4.28
PXRE-3.25A-SSP-R	5,030	4,590	1,260	1,150	7,000	19,300	1,950	1,000	PFC Lip	DGBB-SS	4.36
PXRE-3.25-SSP-R	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	4.47
PXRE-3.50A-SSP-R	5,320	5,130	1,330	1,290	6,300	25,680	3,000	1,000	PFC Lip	DGBB-SS	6.00
PXRE-3.50-SSP-R	18,670	27,200	6,210	15,480	2,140	13,790	-	1,500	NBR Dual Lip	PREMIUM TRB	6.44
PXRE-4.00A-SSP-R	5,320	5,130	1,330	1,290	6,300	25,810	3,000	1,000	PFC Lip	DGBB-SS	9.11
PXRE-4.00-SSP-R	18,670	27,200	6,210	15,480	2,140	15,960	-	1,500	NBR Dual Lip	PREMIUM TRB	9.64





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CTR- SSP – STAINLESS 440c PLUS

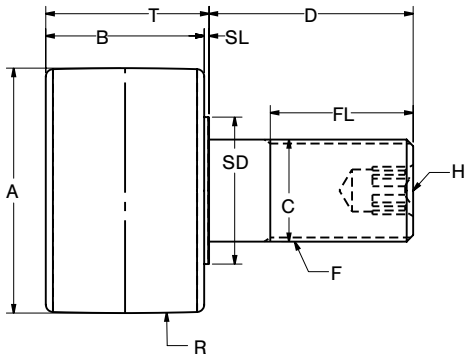
Plain/Cylindrical – Yoke Type
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width
CTR-1.00-SSP	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	12	0.5	0.03	0.78
CTR-1.125-SSP	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	12	0.5	0.03	0.78
CTR-1.25-SSP	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	14	0.6	0.03	0.84
CTR-1.375-SSP	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	14	0.6	0.03	0.84
CTR-1.50-SSP	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	20	0.8	0.06	1.19
CTR-1.75-SSP	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.06	1.19
CTR-2.00-2-SSP	2.000	1.32	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.38
CTR-2.00-SSP	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.69
CTR-2.25-SSP	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.69
CTR-2.50-SSP	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	30	1.2	0.06	1.69
CTR-2.50E-SSP	2.500	1.75	1.000	2.25	1 - 14	1.50	1/2	30	1.3	0.06	1.81
CTR-2.75-SSP	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	30	1.2	0.06	1.69
CTR-2.75E-SSP	2.750	1.75	1.000	2.25	1 - 14	1.50	1/2	30	1.3	0.06	1.81
CTR-3.00A-SSP	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-3.00-SSP	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-3.25A-SSP	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-3.25-SSP	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-3.50A-SSP	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-3.50-SSP	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-4.00A-SSP	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
CTR-4.00-SSP	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-4.50-SSP	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.8	0.06	2.00
CTR-5.00-SSP	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	48	3.0	0.06	3.00
CTR-6.00-SSP	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	56	3.5	0.06	3.00







CTR- SSP – STAINLESS 440c PLUS

Plain/Cylindrical – Yoke Type
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTR-1.00-SSP	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.17
CTR-1.125-SSP	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.22
CTR-1.25-SSP	740	370	190	100	19,000	680	470	90	PFC Lip	DGBB-SS	0.30
CTR-1.375-SSP	740	370	190	100	19,000	680	470	90	PFC Lip	DGBB-SS	0.36
CTR-1.50-SSP	2,090	1,350	530	340	15,000	1,200	550	250	PFC Lip	DGBB-SS	0.56
CTR-1.75-SSP	2,090	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	0.86
CTR-2.00-2-SSP	2,940	2,140	740	540	12,000	2,700	900	500	PFC Lip	DGBB-SS	1.39
CTR-2.00-SSP	2,940	2,140	740	540	12,000	2,700	900	500	PFC Lip	DGBB-SS	1.39
CTR-2.25-SSP	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	1.86
CTR-2.50-SSP	4,270	3,440	1,070	860	8,500	5,940	1,340	500	PFC Lip	DGBB-SS	2.34
CTR-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	2.48
CTR-2.75-SSP	4,270	3,440	1,070	860	8,500	5,940	1,340	500	PFC Lip	DGBB-SS	2.82
CTR-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	3.00
CTR-3.00A-SSP	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	3.99
CTR-3.00-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	4.15
CTR-3.25A-SSP	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	4.65
CTR-3.25-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	4.84
CTR-3.50A-SSP	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	5.48
CTR-3.50-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	5.67
CTR-4.00A-SSP	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	7.13
CTR-4.00-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	7.33
CTR-4.50-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	9.22
CTR-5.00-SSP	38,060	58,400	14,350	37,660	1,550	28,560	-	1,500	NBR Dual Lip	PREMIUM TRB	18.81
CTR-6.00-SSP	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	29.03



3.50-E ROLLER

NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CTR- SSP-R – STAINLESS 440c PLUS

Crowned/Spherical – Stud Type Concentric Ball & Tapered Bearings - Regreasable

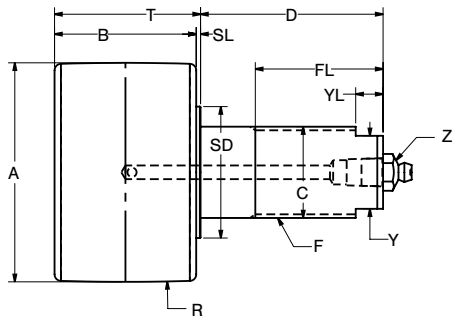
∞ Infinity Roller™ Technology

Solutions Through Innovation

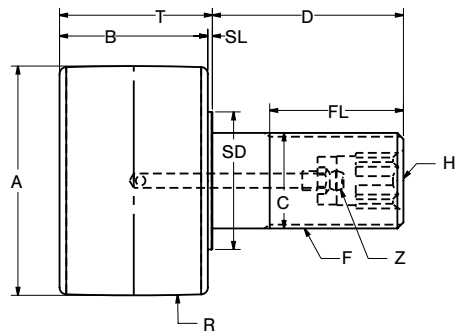
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width	Size	Len.	
CTR-1.00-SSP-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	12	0.5	0.03	0.78	0.312	0.250	1/8 Drive
CTR-1.125-SSP-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	12	0.5	0.03	0.78	0.312	0.250	1/8 Drive
CTR-1.25-SSP-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	14	0.6	0.03	0.84	0.375	0.250	1/8 Drive
CTR-1.375-SSP-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	14	0.6	0.03	0.84	0.375	0.250	1/8 Drive
CTR-1.50-SSP-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	20	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
CTR-1.75-SSP-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	20	0.9	0.06	1.19	0.625	0.375	1/8-27 NPT
CTR-2.00-2-SSP-R	2.000	1.32	0.875	2.00	7/8 - 14	1.13	-	24	1.0	0.06	1.38	0.625	0.375	1/8-27 NPT
CTR-2.00-SSP-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	24	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CTR-2.25-SSP-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	24	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CTR-2.50-SSP-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	30	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CTR-2.50E-SSP-R	2.500	1.75	1.000	2.25	1 - 14	1.50	-	30	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
CTR-2.75-SSP-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	30	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CTR-2.75E-SSP-R	2.750	1.75	1.000	2.25	1 - 14	1.50	-	30	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
CTR-3.00A-SSP-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF
CTR-3.00-SSP-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	30	1.8	0.06	2.00	-	-	1/4-28 UNF
CTR-3.25A-SSP-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF
CTR-3.25-SSP-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	30	1.8	0.06	2.00	-	-	1/4-28 UNF
CTR-3.50A-SSP-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF
CTR-3.50-SSP-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.8	0.06	2.00	-	-	1/4-28 UNF
CTR-4.00A-SSP-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.5	0.06	2.00	-	-	1/4-28 UNF
CTR-4.00-SSP-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.8	0.06	2.00	-	-	1/4-28 UNF
CTR-4.50-SSP-R	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	30	1.8	0.06	2.00	-	-	1/4-28 UNF
CTR-5.00-SSP-R	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	48	3.0	0.06	3.00	-	-	1/4-28 UNF
CTR-6.00-SSP-R	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	56	3.5	0.06	3.00	-	-	1/4-28 UNF



THROUGH 2.75



3.00 ROLLER DIA. AND LARGER



CTR- SSP-R – STAINLESS 440c PLUS

Crowned/Spherical – Stud Type Concentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTR-1.00-SSP-R	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.17
CTR-1.125-SSP-R	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.22
CTR-1.25-SSP-R	740	370	190	100	19,000	680	470	90	PFC Lip	DGBB-SS	0.30
CTR-1.375-SSP-R	740	370	190	100	19,000	680	470	90	PFC Lip	DGBB-SS	0.36
CTR-1.50-SSP-R	2,090	1,350	530	340	15,000	1,200	550	250	PFC Lip	DGBB-SS	0.56
CTR-1.75-SSP-R	2,090	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	0.86
CTR-2.00-2-SSP-R	2,940	2,140	740	540	12,000	2,700	900	500	PFC Lip	DGBB-SS	1.39
CTR-2.00-SSP-R	2,940	2,140	740	540	12,000	2,700	900	500	PFC Lip	DGBB-SS	1.39
CTR-2.25-SSP-R	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	1.86
CTR-2.50-SSP-R	4,270	3,440	1,070	860	8,500	5,940	1,340	500	PFC Lip	DGBB-SS	2.34
CTR-2.50E-SSP-R	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	2.48
CTR-2.75-SSP-R	4,270	3,440	1,070	860	8,500	5,940	1,340	500	PFC Lip	DGBB-SS	2.82
CTR-2.75E-SSP-R	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	3.00
CTR-3.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	3.99
CTR-3.00-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	4.15
CTR-3.25A-SSP-R	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	4.65
CTR-3.25-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	4.84
CTR-3.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	5.48
CTR-3.50-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	5.67
CTR-4.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	7.13
CTR-4.00-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	7.33
CTR-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	9.22
CTR-5.00-SSP-R	38,060	58,400	14,350	37,660	1,550	28,560	-	1,500	NBR Dual Lip	PREMIUM TRB	18.81
CTR-6.00-SSP-R	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	29.03





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

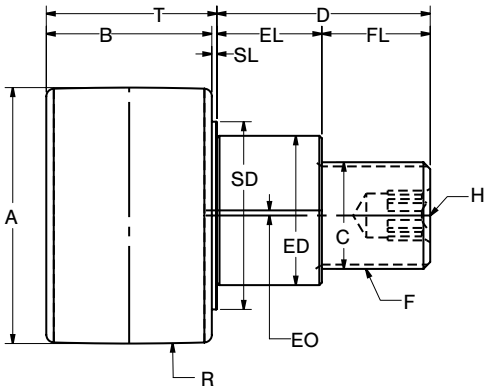
CTRE- SSP – STAINLESS 440c PLUS

Plain/Cylindrical – Yoke Type
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
CTRE-1.00-SSP	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
CTRE-1.125-SSP	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
CTRE-1.25-SSP	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
CTRE-1.375-SSP	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
CTRE-1.50-SSP	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	1.1	0.06	1.19
CTRE-1.75-SSP	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	1.3	0.06	1.19
CTRE-2.00-SSP	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
CTRE-2.25-SSP	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
CTRE-2.50-SSP	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
CTRE-2.50E-SSP	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	1.7	0.06	1.81
CTRE-2.75-SSP	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
CTRE-2.75E-SSP	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	1.7	0.06	1.81
CTRE-3.00A-SSP	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
CTRE-3.00-SSP	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
CTRE-3.25A-SSP	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
CTRE-3.25-SSP	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
CTRE-3.50A-SSP	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
CTRE-3.50-SSP	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
CTRE-4.00A-SSP	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
CTRE-4.00-SSP	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
CTRE-4.50-SSP	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
CTRE-5.00-SSP	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	3.3	0.06	3.00
CTRE-6.00-SSP	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	3.6	0.06	3.00





CTRE- SSP – STAINLESS 440c PLUS

Plain/Cylindrical – Yoke Type
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRE-1.00-SSP	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.20
CTRE-1.125-SSP	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.24
CTRE-1.25-SSP	740	370	190	100	19,000	680	470	200	PFC Lip	DGBB-SS	0.32
CTRE-1.375-SSP	740	370	190	100	19,000	680	470	200	PFC Lip	DGBB-SS	0.37
CTRE-1.50-SSP	2,090	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	0.63
CTRE-1.75-SSP	2,060	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	0.96
CTRE-2.00-SSP	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	1.68
CTRE-2.25-SSP	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	2.07
CTRE-2.50-SSP	4,270	3,440	1,070	860	8,500	7,230	1,340	500	PFC Lip	DGBB-SS	2.48
CTRE-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	2.67
CTRE-2.75-SSP	4,270	3,440	1,070	860	8,500	7,230	1,340	500	PFC Lip	DGBB-SS	3.08
CTRE-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	3.17
CTRE-3.00A-SSP	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	4.53
CTRE-3.00-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	4.62
CTRE-3.25A-SSP	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	5.19
CTRE-3.25-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	5.31
CTRE-3.50A-SSP	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	6.10
CTRE-3.50-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
CTRE-4.00A-SSP	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	7.69
CTRE-4.00-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	7.93
CTRE-4.50-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	9.42
CTRE-5.00-SSP	38,060	58,400	14,350	37,660	1,550	28,560	-	1,500	NBR Dual Lip	PREMIUM TRB	20.20
CTRE-6.00-SSP	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	31.06





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CTRE- SSP-R – STAINLESS 440c PLUS

Plain/Cylindrical – Yoke Type
Ball & Tapered Roller Bearings

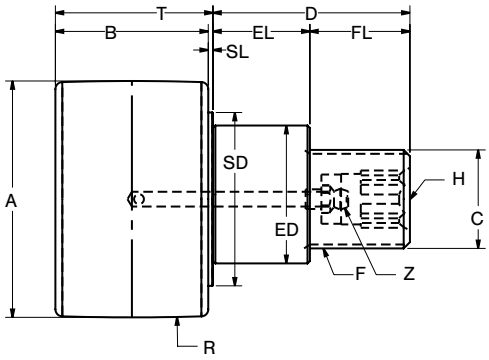
∞ Infinity Roller™ Technology

Solutions Through Innovation

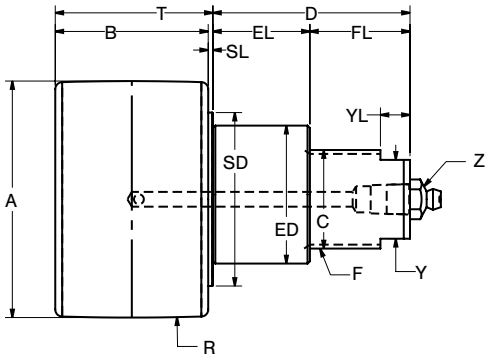
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width	Size	Len.	
CTRE-1.00-SSP-R	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	0.7	0.03	0.78	0.312	0.250	1/8 Drive
CTRE-1.125-SSP-R	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	0.7	0.03	0.78	0.312	0.250	1/8 Drive
CTRE-1.25-SSP-R	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	0.8	0.03	0.84	0.375	0.250	1/8 Drive
CTRE-1.375-SSP-R	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	0.8	0.03	0.84	0.375	0.250	1/8 Drive
CTRE-1.50-SSP-R	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF
CTRE-1.75-SSP-R	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	-	1.3	0.06	1.19	0.625	0.375	1/8-27 NPT
CTRE-2.00-SSP-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CTRE-2.25-SSP-R	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CTRE-2.50-SSP-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CTRE-2.50E-SSP-R	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
CTRE-2.75-SSP-R	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CTRE-2.75E-SSP-R	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
CTRE-3.00A-SSP-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-3.00-SSP-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-3.25A-SSP-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-3.25-SSP-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-3.50A-SSP-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-3.50-SSP-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-4.00A-SSP-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-4.00-SSP-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-4.50-SSP-R	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	2.2	0.06	2.00	-	-	1/4-28 UNF
CTRE-5.00-SSP-R	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	3.3	0.06	3.00	-	-	1/4-28 UNF
CTRE-6.00-SSP-R	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	3.6	0.06	3.00	-	-	1/4-28 UNF



3.00 ROLLER DIA. AND LARGER



THROUGH 2.75



CTRE- SSP-R – STAINLESS 440c PLUS

Plain/Cylindrical – Yoke Type
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (Lbf) C	Basic Radial Static Load Rating (Lbf) Co	Thrust Dynamic Load Rating (Lbf)	Thrust Static Load Rating (Lbf)	Max Speed Rating (rpm)	Stud Capacity (Lbf)	Retaining Ring Capacity (Lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRE-1.00-SSP-R	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.20
CTRE-1.125-SSP-R	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.24
CTRE-1.25-SSP-R	740	370	190	100	19,000	680	470	200	PFC Lip	DGBB-SS	0.32
CTRE-1.375-SSP-R	740	370	190	100	19,000	680	470	200	PFC Lip	DGBB-SS	0.37
CTRE-1.50-SSP-R	2,090	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	0.63
CTRE-1.75-SSP-R	2,060	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	0.96
CTRE-2.00-SSP-R	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	1.68
CTRE-2.25-SSP-R	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	2.07
CTRE-2.50-SSP-R	4,270	3,440	1,070	860	8,500	7,230	1,340	500	PFC Lip	DGBB-SS	2.48
CTRE-2.50E-SSP-R	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	2.67
CTRE-2.75-SSP-R	4,270	3,440	1,070	860	8,500	7,230	1,340	500	PFC Lip	DGBB-SS	3.08
CTRE-2.75E-SSP-R	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	3.17
CTRE-3.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	4.53
CTRE-3.00-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	4.62
CTRE-3.25A-SSP-R	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	5.19
CTRE-3.25-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	5.31
CTRE-3.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	6.10
CTRE-3.50-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
CTRE-4.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	7.69
CTRE-4.00-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	7.93
CTRE-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	9.42
CTRE-5.00-SSP-R	38,060	58,400	14,350	37,660	1,550	28,560	-	1,500	NBR Dual Lip	PREMIUM TRB	20.20
CTRE-6.00-SSP-R	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	31.06



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

Solutions Through Innovation

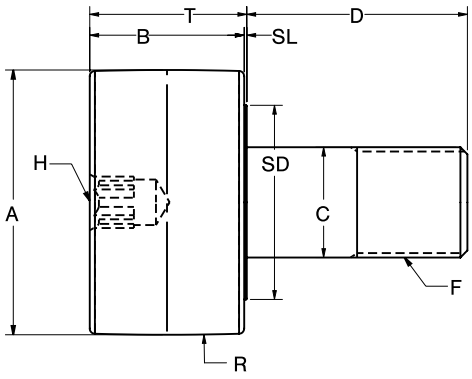
CXR-SSP – STAINLESS 440c PLUS

Crowned/Spherical – Stud Type Concentric Ball & Tapered Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	len.	Len. + Roller Width
CXR-1.00-SSP	1.000	0.63	0.438	1.00	7/16 - 20	0.50	5/16	12	0.6	0.03	0.66
CXR-1.125-SSP	1.125	0.63	0.438	1.00	7/16 - 20	0.50	5/16	12	0.6	0.03	0.66
CXR-1.25-SSP	1.250	0.75	0.500	1.25	1/2 - 20	0.63	5/16	14	0.6	0.03	0.78
CXR-1.375-SSP	1.375	0.75	0.500	1.25	1/2 - 20	0.63	5/16	14	0.6	0.03	0.78
CXR-1.50-SSP	1.500	0.88	0.625	1.50	5/8 - 18	0.75	5/16	20	0.8	0.03	0.91
CXR-1.75-SSP	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.03	1.03
CXR-2.00-SSP	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28
CXR-2.25-SSP	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28
CXR-2.50-SSP	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-2.50E-SSP	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-2.75-SSP	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-2.75E-SSP	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
CXR-3.00A-SSP	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78
CXR-3.00-SSP	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.8	0.03	1.78
CXR-3.25A-SSP	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78
CXR-3.25-SSP	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.8	0.03	1.78
CXR-3.50A-SSP	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	1.8	0.03	2.03
CXR-3.50-SSP	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	2.0	0.03	2.03
CXR-4.00A-SSP	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	1.8	0.03	2.28
CXR-4.00-SSP	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	2.0	0.03	2.28
CXR-5.00-SSP	5.000	2.75	2.000	5.06	2 - 12	2.56	5/8	48	2.9	0.06	2.81
CXR-6.00-SSP	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	5/8	56	3.3	0.06	3.31
CXR-7.00-SSP	7.000	3.75	3.000	7.69	3 - 12	4.13	5/8	60	4.1	0.06	3.81
CXR-8.00-SSP	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	5/8	40	4.7	0.06	4.31
CXR-9.00-SSP	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	5/8	40	5.3	0.06	4.81
CXR-10.00-SSP	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	5/8	40	6.5	0.13	5.31





CXR-SSP – STAINLESS 440c PLUS

Crowned/Spherical – Stud Type Concentric Ball & Tapered Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXR-1.00-SSP	510	360	130	90	20,000	1,330	470	90	PFC Lip	DGBB-SS	0.14
CXR-1.125-SSP	510	360	130	90	20,000	1,330	470	90	PFC Lip	DGBB-SS	0.19
CXR-1.25-SSP	920	660	230	170	20,000	1,690	470	90	PFC Lip	DGBB-SS	0.26
CXR-1.375-SSP	920	660	230	170	20,000	1,690	470	90	PFC Lip	DGBB-SS	0.31
CXR-1.50-SSP	1,450	1,150	370	290	14,000	2,840	910	250	PFC Lip	DGBB-SS	0.45
CXR-1.75-SSP	1,450	1,150	370	290	14,000	4,520	910	500	PFC Lip	DGBB-SS	0.75
CXR-2.00-SSP	2,940	2,250	740	570	11,000	5,220	1,340	500	PFC Lip	DGBB-SS	1.22
CXR-2.25-SSP	2,940	2,250	740	570	11,000	5,220	1,340	500	PFC Lip	DGBB-SS	1.50
CXR-2.50-SSP	4,270	3,440	1,070	860	8,500	7,000	1,340	500	PFC Lip	DGBB-SS	2.17
CXR-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.24
CXR-2.75-SSP	4,270	3,440	1,070	860	8,500	7,000	1,340	500	PFC Lip	DGBB-SS	2.60
CXR-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.67
CXR-3.00A-SSP	5,030	4,590	1,260	1,150	7,000	11,790	1,950	1,000	PFC Lip	DGBB-SS	3.56
CXR-3.00-SSP	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	3.81
CXR-3.25A-SSP	5,030	4,590	1,260	1,150	7,000	11,790	1,950	1,000	PFC Lip	DGBB-SS	4.31
CXR-3.25-SSP	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	4.41
CXR-3.50A-SSP	5,320	5,130	1,330	1,290	6,300	13,790	3,000	1,000	PFC Lip	DGBB-SS	5.47
CXR-3.50-SSP	18,670	27,200	6,210	15,480	2,140	13,790	-	1,500	NBR Dual Lip	PREMIUM TRB	5.93
CXR-4.00A-SSP	5,320	5,130	1,330	1,290	6,300	15,960	3,000	1,000	PFC Lip	DGBB-SS	8.25
CXR-4.00-SSP	18,670	27,200	6,210	15,480	2,140	15,960	-	1,500	NBR Dual Lip	PREMIUM TRB	8.90
CXR-5.00-SSP	38,060	58,400	14,350	37,660	1,550	30,450	-	1,500	NBR Dual Lip	PREMIUM TRB	18.12
CXR-6.00-SSP	37,990	56,200	15,320	38,740	1,250	50,650	-	1,500	NBR Dual Lip	PREMIUM TRB	30.87
CXR-7.00-SSP	45,050	79,800	18,750	56,790	1,020	76,220	-	1,500	NBR Lip	PREMIUM TRB	52.66
CXR-8.00-SSP	89,040	159,800	42,050	129,030	850	85,820	-	1,500	NBR Lip	PREMIUM TRB	74.11
CXR-9.00-SSP	142,470	167,000	57,860	115,980	760	118,300	-	1,500	NBR Lip	PREMIUM TRB	107.55
CXR-10.00-SSP	145,100	266,000	66,730	209,180	650	148,960	-	1,500	PFC Lip	PREMIUM TRB	138.81





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CXR-SSP-R – STAINLESS 440c PLUS

Crowned/Spherical – Stud Type Concentric Ball & Tapered Bearings - Regreasable

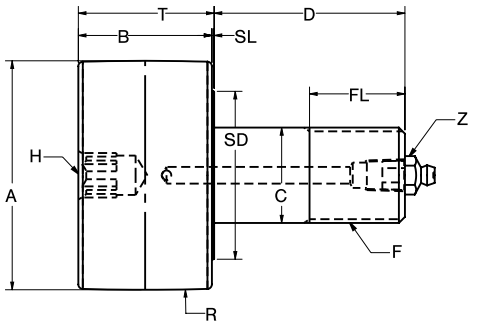
∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T	Z
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width	
CXR-1.75-SSP-R	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.03	1.03	1/8-27 NPT
CXR-2.00-SSP-R	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28	1/8-27 NPT
CXR-2.25-SSP-R	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28	1/8-27 NPT
CXR-2.50-SSP-R	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53	1/8-27 NPT
CXR-2.50E-SSP-R	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53	1/8-27 NPT
CXR-2.75-SSP-R	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53	1/8-27 NPT
CXR-2.75E-SSP-R	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53	1/8-27 NPT
CXR-3.00A-SSP-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78	1/8-27 NPT
CXR-3.00-SSP-R	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.8	0.03	1.78	1/8-27 NPT
CXR-3.25A-SSP-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78	1/8-27 NPT
CXR-3.25-SSP-R	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.8	0.03	1.78	1/8-27 NPT
CXR-3.50A-SSP-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	1.8	0.03	2.03	1/8-27 NPT
CXR-3.50-SSP-R	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	2.0	0.03	2.03	1/8-27 NPT
CXR-4.00A-SSP-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	1.8	0.03	2.28	1/8-27 NPT
CXR-4.00-SSP-R	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	2.0	0.03	2.28	1/8-27 NPT
CXR-5.00-SSP-R	5.000	2.75	2.000	5.06	2 - 12	2.56	5/8	48	2.9	0.06	2.81	1/4-28 UNF
CXR-6.00-SSP-R	6.000	3.25	2.500	6.00	2 1/2 - 12	3.00	5/8	56	3.3	0.06	3.31	1/4-28 UNF
CXR-7.00-SSP-R	7.000	3.75	3.000	7.69	3 - 12	4.13	5/8	60	4.1	0.06	3.81	1/4-28 UNF
CXR-8.00-SSP-R	8.000	4.25	3.250	8.50	3 1/4 - 4	4.25	5/8	40	4.7	0.06	4.31	1/4-28 UNF
CXR-9.00-SSP-R	9.000	4.75	3.750	9.50	3 1/2 - 4	4.75	5/8	40	5.3	0.06	4.81	1/4-28 UNF
CXR-10.00-SSP-R	10.000	5.25	4.250	10.00	3 1/2 - 4	4.75	5/8	40	6.5	0.13	5.50	1/4-28 UNF

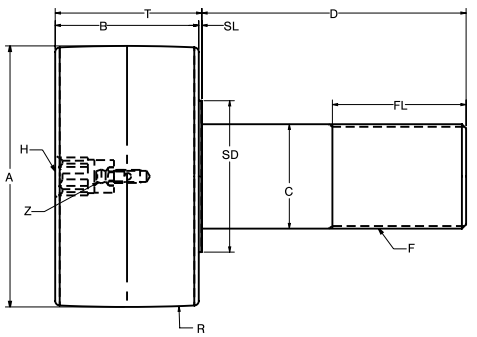




THROUGH 3.50



4.00 ROLLER DIA. AND LARGER



Solutions Through Innovation

CXR-SSP-R – STAINLESS 440c PLUS

Crowned/Spherical – Stud Type Concentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXR-1.75-SSP-R	1,450	1,150	370	290	14,000	4,520	910	500	PFC Lip	DGBB-SS	0.75
CXR-2.00-SSP-R	2,940	2,250	740	570	11,000	5,220	1,340	500	PFC Lip	DGBB-SS	1.22
CXR-2.25-SSP-R	2,940	2,250	740	570	11,000	5,220	1,340	500	PFC Lip	DGBB-SS	1.50
CXR-2.50-SSP-R	4,270	3,440	1,070	860	8,500	7,000	1,340	500	PFC Lip	DGBB-SS	2.17
CXR-2.50E-SSP-R	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.24
CXR-2.75-SSP-R	4,270	3,440	1,070	860	8,500	7,000	1,340	500	PFC Lip	DGBB-SS	2.60
CXR-2.75E-SSP-R	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.67
CXR-3.00A-SSP-R	5,030	4,590	1,260	1,150	7,000	11,790	1,950	1,000	PFC Lip	DGBB-SS	3.56
CXR-3.00-SSP-R	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	3.81
CXR-3.25A-SSP-R	5,030	4,590	1,260	1,150	7,000	11,790	1,950	1,000	PFC Lip	DGBB-SS	4.31
CXR-3.25-SSP-R	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	4.41
CXR-3.50A-SSP-R	5,320	5,130	1,330	1,290	6,300	13,790	3,000	1,000	PFC Lip	DGBB-SS	5.47
CXR-3.50-SSP-R	18,670	27,200	6,210	15,480	2,140	13,790	-	1,500	NBR Dual Lip	PREMIUM TRB	5.93
CXR-4.00A-SSP-R	5,320	5,130	1,330	1,290	6,300	15,960	3,000	1,000	PFC Lip	DGBB-SS	8.25
CXR-4.00-SSP-R	18,670	27,200	6,210	15,480	2,140	15,960	-	1,500	NBR Dual Lip	PREMIUM TRB	8.90
CXR-5.00-SSP-R	38,060	58,400	14,350	37,660	1,550	30,450	-	1,500	NBR Dual Lip	PREMIUM TRB	18.12
CXR-6.00-SSP-R	37,990	56,200	15,320	38,740	1,250	50,650	-	1,500	NBR Dual Lip	PREMIUM TRB	30.87
CXR-7.00-SSP-R	45,050	79,800	18,750	56,790	1,020	76,220	-	1,500	NBR Lip	PREMIUM TRB	52.15
CXR-8.00-SSP-R	89,040	159,800	42,050	129,030	850	85,820	-	1,500	NBR Lip	PREMIUM TRB	74.27
CXR-9.00-SSP-R	142,470	167,000	57,860	147,000	760	118,300	-	1,500	NBR Lip	PREMIUM TRB	106.53
CXR-10.00-SSP-R	145,100	266,000	66,730	209,180	650	148,960	-	1,500	NBR Lip	PREMIUM TRB	140.43



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CXRE-SSP – STAINLESS 440c PLUS

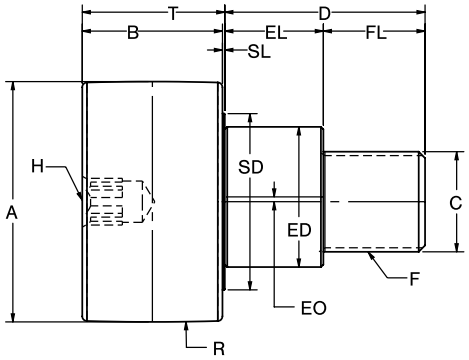
Crowned/Spherical – Stud Type Eccentric Ball & Tapered Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width
CXRE-1.00-SSP	1.000	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	12	0.8	0.03	0.66
CXRE-1.125-SSP	1.125	0.63	0.438	1.00	0.625	0.50	0.03	7/16 - 20	0.50	1/4	12	0.8	0.03	0.66
CXRE-1.25-SSP	1.250	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	14	0.9	0.03	0.78
CXRE-1.375-SSP	1.375	0.75	0.500	1.25	0.687	0.63	0.03	1/2 - 20	0.63	1/4	14	0.9	0.03	0.78
CXRE-1.50-SSP	1.500	0.88	0.625	1.50	0.875	0.75	0.03	5/8 - 18	0.75	5/16	20	1.0	0.03	0.91
CXRE-1.75-SSP	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	20	1.2	0.03	1.03
CXRE-2.00-SSP	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28
CXRE-2.25-SSP	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28
CXRE-2.50-SSP	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-2.50E-SSP	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-2.75-SSP	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-2.75E-SSP	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
CXRE-3.00A-SSP	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.00-SSP	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.25A-SSP	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.25-SSP	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
CXRE-3.50A-SSP	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03
CXRE-3.50-SSP	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03
CXRE-4.00A-SSP	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28
CXRE-4.00-SSP	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28





Solutions Through Innovation

CXRE-SSP – STAINLESS 440c PLUS

Crowned/Spherical – Stud Type Eccentric Ball & Tapered Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXRE-1.00-SSP	510	360	130	90	20,000	2,650	470	200	PFC Lip	DGBB-SS	0.17
CXRE-1.125-SSP	510	360	130	90	20,000	2,650	470	200	PFC Lip	DGBB-SS	0.22
CXRE-1.25-SSP	920	660	230	170	20,000	2,240	470	200	PFC Lip	DGBB-SS	0.30
CXRE-1.375-SSP	920	660	230	170	20,000	2,240	470	200	PFC Lip	DGBB-SS	0.35
CXRE-1.50-SSP	1,450	1,150	370	290	14,000	5,380	910	500	PFC Lip	DGBB-SS	0.53
CXRE-1.75-SSP	1,450	1,150	370	290	14,000	4,250	910	500	PFC Lip	DGBB-SS	0.84
CXRE-2.00-SSP	2,940	2,250	740	570	11,000	5,200	1340	500	PFC Lip	DGBB-SS	1.46
CXRE-2.25-SSP	2,940	2,250	740	570	11,000	5,200	1340	500	PFC Lip	DGBB-SS	1.78
CXRE-2.50-SSP	4,270	3,440	1,070	860	8,500	8,210	1340	500	PFC Lip	DGBB-SS	2.43
CXRE-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.50
CXRE-2.75-SSP	4,270	3,440	1,070	860	8,500	8,210	1340	500	PFC Lip	DGBB-SS	2.89
CXRE-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.95
CXRE-3.00A-SSP	5,030	4,590	1,260	1,150	7,000	19,300	1950	1,000	PFC Lip	DGBB-SS	4.00
CXRE-3.00-SSP	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	4.28
CXRE-3.25A-SSP	5,030	4,590	1,260	1,150	7,000	19,300	1950	1,000	PFC Lip	DGBB-SS	4.36
CXRE-3.25-SSP	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	4.47
CXRE-3.50A-SSP	5,320	5,130	1,330	1,290	6,300	25,680	3000	1,000	PFC Lip	DGBB-SS	6.00
CXRE-3.50-SSP	18,670	27,200	6,210	15,480	2,140	13,790	-	1,500	NBR Dual Lip	PREMIUM TRB	6.44
CXRE-4.00A-SSP	5,320	5,130	1,330	1,290	6,300	25,810	3000	1,000	PFC Lip	DGBB-SS	9.11
CXRE-4.00-SSP	18,670	27,200	6,210	15,480	2,140	15,960	-	1,500	NBR Dual Lip	PREMIUM TRB	9.64





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CXRE-SSP-R – STAINLESS 440c PLUS

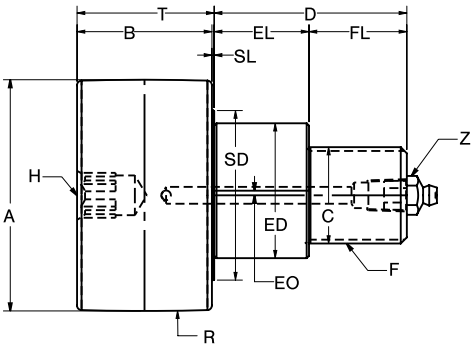
Crowned/Spherical – Stud Type Eccentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width	
CXRE-1.75-SSP-R	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	20	1.2	0.03	1.03	1/8-27 NPT
CXRE-2.00-SSP-R	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28	1/8-27 NPT
CXRE-2.25-SSP-R	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28	1/8-27 NPT
CXRE-2.50-SSP-R	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53	1/8-27 NPT
CXRE-2.50E-SSP-R	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53	1/8-27 NPT
CXRE-2.75-SSP-R	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53	1/8-27 NPT
CXRE-2.75E-SSP-R	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53	1/8-27 NPT
CXRE-3.00A-SSP-R	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78	1/8-27 NPT
CXRE-3.00-SSP-R	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78	1/8-27 NPT
CXRE-3.25A-SSP-R	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78	1/8-27 NPT
CXRE-3.25-SSP-R	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78	1/8-27 NPT
CXRE-3.50A-SSP-R	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03	1/8-27 NPT
CXRE-3.50-SSP-R	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03	1/8-27 NPT
CXRE-4.00A-SSP-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28	1/8-27 NPT
CXRE-4.00-SSP-R	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28	1/8-27 NPT





CXRE-SSP-R – STAINLESS 440c PLUS

Crowned/Spherical – Stud Type Eccentric Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CXRE-1.75-SSP-R	1,450	1,150	370	290	14,000	4,250	910	500	PFC Lip	DGBB-SS	0.84
CXRE-2.00-SSP-R	2,940	2,250	740	570	11,000	5,200	1340	500	PFC Lip	DGBB-SS	1.46
CXRE-2.25-SSP-R	2,940	2,250	740	570	11,000	5,200	1340	500	PFC Lip	DGBB-SS	1.78
CXRE-2.50-SSP-R	4,270	3,440	1,070	860	8,500	8,210	1340	500	PFC Lip	DGBB-SS	2.43
CXRE-2.50E-SSP-R	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.50
CXRE-2.75-SSP-R	4,270	3,440	1,070	860	8,500	8,210	1340	500	PFC Lip	DGBB-SS	2.89
CXRE-2.75E-SSP-R	13,720	14,800	5,130	9,470	2,100	7,000	-	1,500	NBR Dual Lip	PREMIUM TRB	2.95
CXRE-3.00A-SSP-R	5,030	4,590	1,260	1,150	7,000	19,300	1950	1,000	PFC Lip	DGBB-SS	4.00
CXRE-3.00-SSP-R	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	4.28
CXRE-3.25A-SSP-R	5,030	4,590	1,260	1,150	7,000	19,300	1950	1,000	PFC Lip	DGBB-SS	4.36
CXRE-3.25-SSP-R	17,940	20,000	7,410	14,120	2,490	11,790	-	1,500	NBR Dual Lip	PREMIUM TRB	4.47
CXRE-3.50A-SSP-R	5,320	5,130	1,330	1,290	6,300	25,680	3000	1,000	PFC Lip	DGBB-SS	6.00
CXRE-3.50-SSP-R	18,670	27,200	6,210	15,480	2,140	13,790	-	1,500	NBR Dual Lip	PREMIUM TRB	6.44
CXRE-4.00A-SSP-R	5,320	5,130	1,330	1,290	6,300	25,810	3000	1,000	PFC Lip	DGBB-SS	9.11
CXRE-4.00-SSP-R	18,670	27,200	6,210	15,480	2,140	15,960	-	1,500	NBR Dual Lip	PREMIUM TRB	9.64



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

Solutions Through Innovation

CTRY-SSP – STAINLESS 440c PLUS

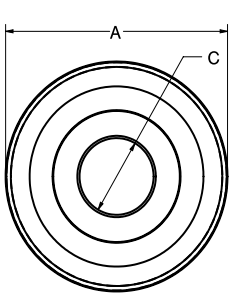
Crowned/Spherical – Yoke Ball & Tapered Bearings

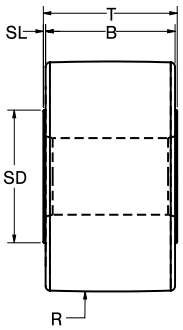
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	Bore Dia. +.0007 -.0000	Crown Radius	SD	SL	Inner Race Width +.005 -.010	OPTIONAL PCI YOKE SHAFT	
	ROLLER				SHOULDER			Concentric Shaft	Eccentric Shaft
	Roller Dia. +.000 -.001	Roller Width			Dia.	Len.			
CTRY-1.00-SSP	1.000	0.63	0.3130	12	0.6	0.03	0.688	YSH-.312-SS	YSHE-.312-SS
CTRY-1.125-SSP	1.125	0.63	0.3130	12	0.6	0.03	0.688	YSH-.312-SS	YSHE-.312-SS
CTRY-1.25-SSP	1.250	0.75	0.3755	14	0.6	0.03	0.813	YSH-.375-SS	YSHE-.375-SS
CTRY-1.375-SSP	1.375	0.75	0.3755	14	0.6	0.03	0.813	YSH-.375-SS	YSHE-.375-SS
CTRY-1.50-SSP	1.500	0.88	0.4380	20	0.9	0.03	0.937	YSH-.437-SS	YSHE-.437-SS
CTRY-1.75-SSP	1.750	1.00	0.5005	20	0.9	0.03	1.063	YSH-.500-SS	YSHE-.500-SS
CTRY-2.00-SSP	2.000	1.25	0.6255	24	1.1	0.03	1.313	YSH-.625-SS	YSHE-.625-SS
CTRY-2.25-SSP	2.250	1.25	0.6255	24	1.1	0.03	1.313	YSH-.625-SS	YSHE-.625-SS
CTRY-2.50-SSP	2.500	1.50	0.7505	30	1.2	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
CTRY-2.50E-SSP	2.500	1.50	0.7505	30	1.3	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
CTRY-2.75-SSP	2.750	1.50	0.7505	30	1.2	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
CTRY-2.75E-SSP	2.750	1.50	0.7505	30	1.3	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
CTRY-3.00A-SSP	3.000	1.75	1.0005	30	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
CTRY-3.00-SSP	3.000	1.75	1.0005	30	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
CTRY-3.25A-SSP	3.250	1.75	1.0005	30	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
CTRY-3.25-SSP	3.250	1.75	1.0005	30	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
CTRY-3.50A-SSP	3.500	2.00	1.1255	30	2.0	0.03	2.063	YSH-1.125-SS	YSHE-1.125-SS
CTRY-3.50-SSP	3.500	2.00	1.1255	30	2.0	0.03	2.063	YSH-1.125-SS	YSHE-1.125-SS
CTRY-4.00A-SSP	4.000	2.25	1.2505	30	2.0	0.03	2.313	YSH-1.250-SS	YSHE-1.250-SS
CTRY-4.00-SSP	4.000	2.25	1.2505	30	2.3	0.03	2.313	YSH-1.250-SS	YSHE-1.250-SS
CTRY-4.50-SSP	4.500	1.75	1.0005	30	1.7	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
CTRY-5.00-SSP	5.000	2.75	1.7508	48	3.2	0.06	2.875	YSH-1.750-SS	YSHE-1.750-SS
CTRY-6.00-SSP	6.000	3.25	2.2508	56	3.5	0.06	3.375	YSH-2.250-SS	YSHE-2.250-SS
CTRY-7.00-SSP	7.000	3.75	2.7508	60	4.1	0.06	3.875	YSH-2.750-SS	YSHE-2.750-SS
CTRY-8.00-SSP	8.000	4.25	3.2560	40	4.7	0.13	4.500	-	-
CTRY-9.00-SSP	9.000	4.75	3.7560	40	5.3	0.13	5.000	-	-
CTRY-10.00-SSP	10.000	5.25	4.2560	40	6.5	0.13	5.500	-	-









Solutions Through Innovation

CTRY-SSP – STAINLESS 440c PLUS

Crowned/Spherical – Yoke Ball & Tapered Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRY-1.00-SSP	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.09
CTRY-1.125-SSP	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.13
CTRY-1.25-SSP	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.18
CTRY-1.375-SSP	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.23
CTRY-1.50-SSP	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.31
CTRY-1.75-SSP	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.51
CTRY-2.00-SSP	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	0.82
CTRY-2.25-SSP	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.10
CTRY-2.50-SSP	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	1.59
CTRY-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.62
CTRY-2.75-SSP	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.03
CTRY-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.06
CTRY-3.00A-SSP	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	2.47
CTRY-3.00-SSP	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	2.67
CTRY-3.25A-SSP	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.09
CTRY-3.25-SSP	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.29
CTRY-3.50A-SSP	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	4.00
CTRY-3.50-SSP	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	4.37
CTRY-4.00A-SSP	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	6.36
CTRY-4.00-SSP	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	6.77
CTRY-4.50-SSP	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	6.91
CTRY-5.00-SSP	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	12.55
CTRY-6.00-SSP	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	19.77
CTRY-7.00-SSP	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	30.07
CTRY-8.00-SSP	89,040	159,800	42,050	126,030	850	NBR Lip	PREMIUM TRB	44.36
CTRY-9.00-SSP	142,470	250,000	57,860	115,980	760	NBR Lip	PREMIUM TRB	61.94
CTRY-10.00-SSP	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	82.98





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CTRY-SSP-R – STAINLESS 440c PLUS

Crowned/Spherical – Yoke
Ball & Tapered Bearings - Regreasable

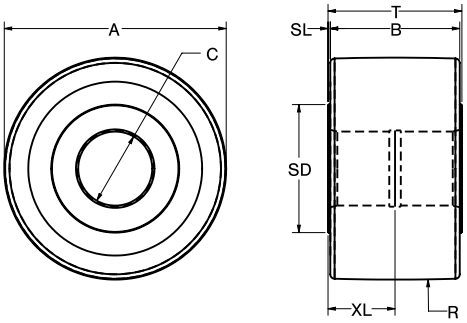
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	R	SD	SL	T	XL
	ROLLER				SHOULDER			
	Dia. +.000 -.001	Width	Bore Dia. +.0007 -.0000	Crown Radius	Dia.	Len.	Inner Race Width +.005 -.010	Grease Groove Location
CTRY-1.00-SS-R	1.000	0.63	0.3130	12	0.6	0.03	0.688	0.34
CTRY-1.125-SS-R	1.125	0.63	0.3130	12	0.6	0.03	0.688	0.34
CTRY-1.25-SS-R	1.250	0.75	0.3755	14	0.6	0.03	0.813	0.41
CTRY-1.375-SS-R	1.375	0.75	0.3755	14	0.6	0.03	0.813	0.41
CTRY-1.50-SS-R	1.500	0.88	0.4380	20	0.9	0.03	0.937	0.47
CTRY-1.75-SS-R	1.750	1.00	0.5005	20	0.9	0.03	1.063	0.53
CTRY-2.00-SS-R	2.000	1.25	0.6255	24	1.1	0.03	1.313	0.66
CTRY-2.25-SS-R	2.250	1.25	0.6255	24	1.1	0.03	1.313	0.66
CTRY-2.50-SS-R	2.500	1.50	0.7505	30	1.2	0.03	1.563	0.78
CTRY-2.50E-SS-R	2.500	1.50	0.7505	30	1.3	0.03	1.563	0.78
CTRY-2.75-SS-R	2.750	1.50	0.7505	30	1.2	0.03	1.563	0.78
CTRY-2.75E-SS-R	2.750	1.50	0.7505	30	1.3	0.03	1.563	0.78
CTRY-3.00A-SS-R	3.000	1.75	1.0005	30	1.8	0.03	1.813	0.91
CTRY-3.00-SS-R	3.000	1.75	1.0005	30	1.8	0.03	1.813	0.91
CTRY-3.25A-SS-R	3.250	1.75	1.0005	30	1.8	0.03	1.813	0.91
CTRY-3.25-SS-R	3.250	1.75	1.0005	30	1.8	0.03	1.813	0.91
CTRY-3.50A-SS-R	3.500	2.00	1.1255	30	2.0	0.03	2.063	1.03
CTRY-3.50-SS-R	3.500	2.00	1.1255	30	2.0	0.03	2.063	1.03
CTRY-4.00A-SS-R	4.000	2.25	1.2505	30	2.0	0.03	2.313	1.16
CTRY-4.00-SS-R	4.000	2.25	1.2505	30	2.3	0.03	2.313	1.16
CTRY-4.50-SS-R	4.500	1.75	1.0005	30	1.7	0.03	1.813	0.91
CTRY-5.00-SS-R	5.000	2.75	1.7508	48	3.2	0.06	2.875	1.44
CTRY-6.00-SS-R	6.000	3.25	2.2508	56	3.5	0.06	3.375	1.69
CTRY-7.00-SS-R	7.000	3.75	2.7508	60	4.1	0.06	3.875	1.94
CTRY-8.00-SS-R	8.000	4.25	3.2560	40	4.7	0.13	4.500	2.25
CTRY-9.00-SS-R	9.000	4.75	3.7560	40	5.3	0.13	5.000	2.50
CTRY-10.00-SS-R	10.000	5.25	4.2560	40	6.5	0.13	5.500	2.75

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312-SS-R	YSHE-.312-SS-R
YSH-.312-SS-R	YSHE-.312-SS-R
YSH-.375-SS-R	YSHE-.375-SS-R
YSH-.375-SS-R	YSHE-.375-SS-R
YSH-.437-SS-R	YSHE-.437-SS-R
YSH-.500-SS-R	YSHE-.500-SS-R
YSH-.625-SS-R	YSHE-.625-SS-R
YSH-.625-SS-R	YSHE-.625-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.125-SS-R	YSHE-1.125-SS-R
YSH-1.125-SS-R	YSHE-1.125-SS-R
YSH-1.250-SS-R	YSHE-1.250-SS-R
YSH-1.250-SS-R	YSHE-1.250-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.750-SS-R	YSHE-1.750-SS-R
YSH-2.250-SS-R	YSHE-2.250-SS-R
YSH-2.750-SS-R	YSHE-2.750-SS-R
-	-
-	-
-	-







Solutions Through Innovation

CTRY-SSP-R – STAINLESS 440c PLUS

Crowned/Spherical – Yoke
Ball & Tapered Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CTRY-1.00-SS-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.09
CTRY-1.125-SS-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.13
CTRY-1.25-SS-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.18
CTRY-1.375-SS-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.23
CTRY-1.50-SS-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.31
CTRY-1.75-SS-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.51
CTRY-2.00-SS-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	0.82
CTRY-2.25-SS-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.10
CTRY-2.50-SS-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	1.59
CTRY-2.50E-SS-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.62
CTRY-2.75-SS-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.03
CTRY-2.75E-SS-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.06
CTRY-3.00A-SS-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	2.47
CTRY-3.00-SS-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	2.67
CTRY-3.25A-SS-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.09
CTRY-3.25-SS-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.29
CTRY-3.50A-SS-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	4.00
CTRY-3.50-SS-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	4.37
CTRY-4.00A-SS-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	6.36
CTRY-4.00-SS-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	6.77
CTRY-4.50-SS-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	6.91
CTRY-5.00-SS-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	12.55
CTRY-6.00-SS-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	19.77
CTRY-7.00-SS-R	45,050	79,800	18,750	56,790	1,020	NBR Lip	PREMIUM TRB	30.07
CTRY-8.00-SS-R	89,040	159,800	42,050	129,030	850	NBR Lip	PREMIUM TRB	44.36
CTRY-9.00-SS-R	142,470	250,000	98,940	115,980	760	NBR Lip	PREMIUM TRB	61.94
CTRY-10.00-SS-R	145,100	266,000	66,730	209,180	650	NBR Lip	PREMIUM TRB	82.98





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

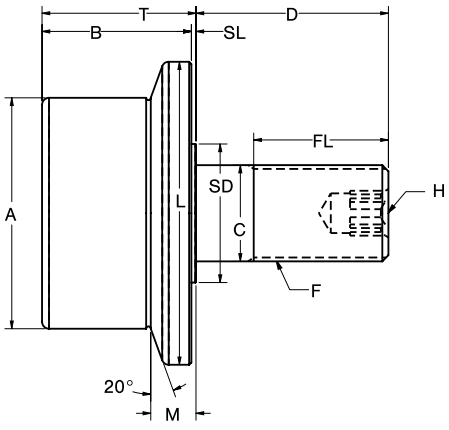
FTR-SSP – STAINLESS 440c PLUS

Flanged – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
FTR-1.00-SSP	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.38	0.22	0.5	0.03	0.78
FTR-1.125-SSP	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.50	0.22	0.5	0.03	0.78
FTR-1.25-SSP	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.56	0.22	0.6	0.03	0.84
FTR-1.375-SSP	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.69	0.22	0.6	0.03	0.84
FTR-1.50-SSP	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.19	0.34	0.8	0.06	1.19
FTR-1.75-SSP	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	2.44	0.34	0.9	0.06	1.19
FTR-2.00-SSP	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59	1.0	0.06	1.69
FTR-2.25-SSP	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.59	1.0	0.06	1.69
FTR-2.50-SSP	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	3.19	0.59	1.2	0.06	1.69
FTR-2.50E-SSP	2.500	1.75	1.000	2.25	1 - 14	1.50	1/2	3.19	0.59	1.3	0.06	1.81
FTR-2.75-SSP	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	3.44	0.59	1.2	0.06	1.69
FTR-2.75E-SSP	2.750	1.75	1.000	2.25	1 - 14	1.50	1/2	3.44	0.59	1.3	0.06	1.81
FTR-3.00A-SSP	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.5	0.06	2.00
FTR-3.00-SSP	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.8	0.06	2.00
FTR-3.25A-SSP	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.5	0.06	2.00
FTR-3.25-SSP	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.8	0.06	2.00
FTR-3.50A-SSP	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.5	0.06	2.00
FTR-3.50-SSP	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.8	0.06	2.00
FTR-4.00A-SSP	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.5	0.06	2.00
FTR-4.00-SSP	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.8	0.06	2.00
FTR-4.50-SSP	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.44	0.59	1.8	0.06	2.00
FTR-4.75-SSP	4.750	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.75	0.59	1.8	0.06	2.00
FTR-5.00-SSP	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	5.94	0.72	3.0	0.06	3.00
FTR-6.00-SSP	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	6.94	0.72	3.5	0.06	3.00





FTR-SSP – STAINLESS 440c PLUS

Flanged – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTR-1.00-SSP	560	270	140	70	24,000	290	390	90	PFC Lip	DGBB-SS	0.20
FTR-1.125-SSP	560	270	140	70	24,000	290	390	90	PFC Lip	DGBB-SS	0.24
FTR-1.25-SSP	740	370	190	100	19,000	540	470	90	PFC Lip	DGBB-SS	0.32
FTR-1.375-SSP	740	370	190	100	19,000	540	470	90	PFC Lip	DGBB-SS	0.37
FTR-1.50-SSP	2,090	1,350	530	340	15,000	920	550	250	PFC Lip	DGBB-SS	0.66
FTR-1.75-SSP	2,090	1,350	530	340	15,000	920	550	500	PFC Lip	DGBB-SS	0.97
FTR-2.00-SSP	2,940	2,140	740	540	12,000	2,100	900	500	PFC Lip	DGBB-SS	1.76
FTR-2.25-SSP	2,940	2,140	740	540	12,000	2,100	900	500	PFC Lip	DGBB-SS	2.18
FTR-2.50-SSP	4,270	3,440	1,070	860	8,500	4,790	1,340	500	PFC Lip	DGBB-SS	2.70
FTR-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	4,550	-	1,500	NBR Dual Lip	PREMIUM TRB	2.79
FTR-2.75-SSP	4,270	3,440	1,070	860	8,500	4,790	1,340	500	PFC Lip	DGBB-SS	3.20
FTR-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	4,550	-	1,500	NBR Dual Lip	PREMIUM TRB	3.29
FTR-3.00A-SSP	6,010	5,040	1,510	1,260	8,000	8,240	1,950	1,000	PFC Lip	DGBB-SS	4.60
FTR-3.00-SSP	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	4.72
FTR-3.25A-SSP	6,010	5,040	1,510	1,260	8,000	8,240	1,950	1,000	PFC Lip	DGBB-SS	5.34
FTR-3.25-SSP	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	5.54
FTR-3.50A-SSP	6,010	5,040	1,510	1,260	8,000	8,240	1,950	1,000	PFC Lip	DGBB-SS	6.08
FTR-3.50-SSP	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
FTR-4.00A-SSP	6,010	5,040	1,510	1,260	8,000	8,240	1,950	1,000	PFC Lip	DGBB-SS	7.92
FTR-4.00-SSP	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	8.22
FTR-4.50-SSP	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	10.16
FTR-4.75-SSP	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	11.22
FTR-5.00-SSP	38,060	58,400	14,350	37,660	1,550	23,490	-	1,500	NBR Dual Lip	PREMIUM TRB	20.22
FTR-6.00-SSP	37,990	56,200	15,320	38,740	1,250	45,890	-	1,500	NBR Dual Lip	PREMIUM TRB	30.72





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FTR-SSP-R – STAINLESS 440c PLUS

Flanged – Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

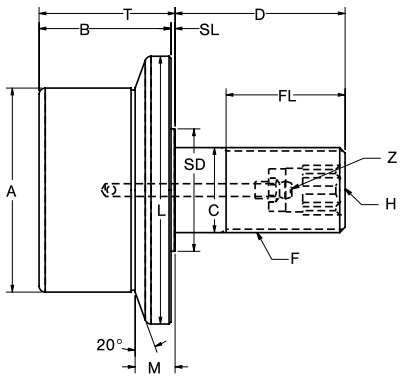
Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia	Width	Dia.	Len.	Len. + Roller Width	Size	Len.	
FTR-1.00-SSP-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	1.38	0.22	0.5	0.03	0.78	0.312	0.250	1/8 Drive
FTR-1.125-SSP-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	1.50	0.22	0.5	0.03	0.78	0.312	0.250	1/8 Drive
FTR-1.25-SSP-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	1.56	0.22	0.6	0.03	0.84	0.375	0.250	1/8 Drive
FTR-1.375-SSP-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	1.69	0.22	0.6	0.03	0.84	0.375	0.250	1/8 Drive
FTR-1.50-SSP-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	2.19	0.34	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
FTR-1.75-SSP-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	2.44	0.34	0.9	0.06	1.19	0.625	0.375	1/8-27 NPT
FTR-2.00-SSP-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	2.69	0.59	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
FTR-2.25-SSP-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	2.94	0.59	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
FTR-2.50-SSP-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	3.19	0.59	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
FTR-2.50E-SSP-R	2.500	1.75	1.000	2.25	1 - 14	1.50	-	3.19	0.59	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
FTR-2.75-SSP-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	3.44	0.59	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
FTR-2.75E-SSP-R	2.750	1.75	1.000	2.25	1 - 14	1.50	-	3.44	0.59	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
FTR-3.00A-SSP-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	3.94	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF
FTR-3.00-SSP-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	3.94	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-3.25A-SSP-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.19	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF
FTR-3.25-SSP-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.19	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-3.50A-SSP-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.44	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF
FTR-3.50-SSP-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.44	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-4.00A-SSP-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	1.5	0.06	2.00	-	-	1/4-28 UNF
FTR-4.00-SSP-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-4.50-SSP-R	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	5.44	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-4.75-SSP-R	4.750	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	5.75	0.59	1.8	0.06	2.00	-	-	1/4-28 UNF
FTR-5.00-SSP-R	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	5.94	0.72	3.0	0.06	3.00	-	-	1/4-28 UNF
FTR-6.00-SSP-R	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	6.94	0.72	3.5	0.06	3.00	-	-	1/4-28 UNF

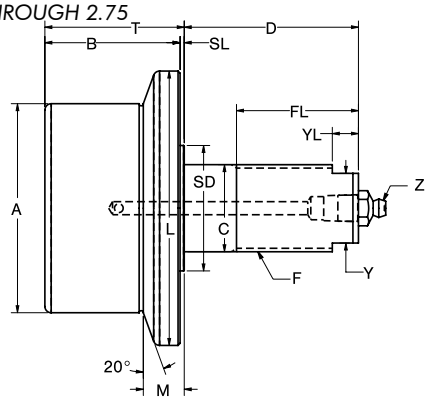




3.00 ROLLER DIA. AND LARGER



THROUGH 2.75



FTR-SSP-R – STAINLESS 440c PLUS

Flanged – Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTR-1.00-SSP-R	560	270	140	70	24,000	290	390	90	PFC Lip	DGBB-SS	0.20
FTR-1.125-SSP-R	560	270	140	70	24,000	290	390	90	PFC Lip	DGBB-SS	0.24
FTR-1.25-SSP-R	740	370	190	100	19,000	540	470	90	PFC Lip	DGBB-SS	0.32
FTR-1.375-SSP-R	740	370	190	100	19,000	540	470	90	PFC Lip	DGBB-SS	0.37
FTR-1.50-SSP-R	2,090	1,350	530	340	15,000	920	550	250	PFC Lip	DGBB-SS	0.66
FTR-1.75-SSP-R	2,090	1,350	530	340	15,000	920	550	500	PFC Lip	DGBB-SS	0.97
FTR-2.00-SSP-R	2,940	2,140	740	540	12,000	2,100	900	500	PFC Lip	DGBB-SS	1.76
FTR-2.25-SSP-R	2,940	2,140	740	540	12,000	2,100	900	500	PFC Lip	DGBB-SS	2.18
FTR-2.50-SSP-R	4,270	3,440	1,070	860	8,500	4,790	1,340	500	PFC Lip	DGBB-SS	2.70
FTR-2.50E-SSP-R	13,720	14,800	5,130	9,470	2,100	4,550	-	1,500	NBR Dual Lip	PREMIUM TRB	2.79
FTR-2.75-SSP-R	4,270	3,440	1,070	860	8,500	4,790	1,340	500	PFC Lip	DGBB-SS	3.20
FTR-2.75E-SSP-R	13,720	14,800	5,130	9,470	2,100	4,550	-	1,500	NBR Dual Lip	PREMIUM TRB	3.29
FTR-3.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	8,240	1,950	1,000	PFC Lip	DGBB-SS	4.60
FTR-3.00-SSP-R	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	4.72
FTR-3.25A-SSP-R	6,010	5,040	1,510	1,260	8,000	8,240	1,950	1,000	PFC Lip	DGBB-SS	5.34
FTR-3.25-SSP-R	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	5.54
FTR-3.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	8,240	1,950	1,000	PFC Lip	DGBB-SS	6.08
FTR-3.50-SSP-R	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	6.27
FTR-4.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	8,240	1,950	1,000	PFC Lip	DGBB-SS	7.92
FTR-4.00-SSP-R	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	8.22
FTR-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	10.16
FTR-4.75-SSP-R	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	11.22
FTR-5.00-SSP-R	38,060	58,400	14,350	37,660	1,550	23,490	-	1,500	NBR Dual Lip	PREMIUM TRB	20.22
FTR-6.00-SSP-R	37,990	56,200	15,320	38,740	1,250	45,890	-	1,500	NBR Dual Lip	PREMIUM TRB	30.72



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FTRE-SSP – STAINLESS 440c PLUS

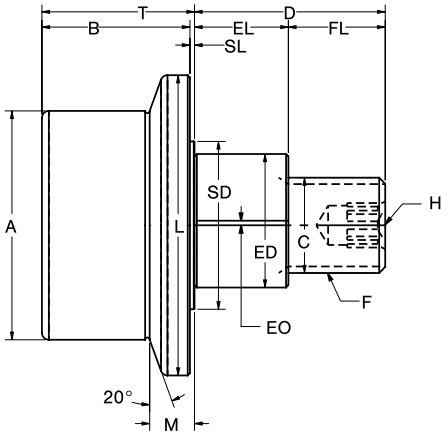
Flanged – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
FTRE-1.00-SSP	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.38	0.22	0.7	0.03	0.78
FTRE-1.125-SSP	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.50	0.22	0.7	0.03	0.78
FTRE-1.25-SSP	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.56	0.22	0.8	0.03	0.84
FTRE-1.375-SSP	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.69	0.22	0.8	0.03	0.84
FTRE-1.50-SSP	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.19	0.34	1.1	0.06	1.19
FTRE-1.75-SSP	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	2.44	0.34	1.3	0.06	1.19
FTRE-2.00-SSP	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59	1.5	0.06	1.69
FTRE-2.25-SSP	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.59	1.5	0.06	1.69
FTRE-2.50-SSP	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.19	0.59	1.7	0.06	1.69
FTRE-2.50E-SSP	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	3.19	0.59	1.7	0.06	1.81
FTRE-2.75-SSP	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.44	0.59	1.7	0.06	1.69
FTRE-2.75E-SSP	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	3.44	0.59	1.7	0.06	1.81
FTRE-3.00A-SSP	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00
FTRE-3.00-SSP	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00
FTRE-3.25A-SSP	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00
FTRE-3.25-SSP	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00
FTRE-3.50A-SSP	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00
FTRE-3.50-SSP	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00
FTRE-4.00A-SSP	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00
FTRE-4.00-SSP	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00
FTRE-4.50-SSP	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.44	0.59	2.2	0.06	2.00
FTRE-4.75-SSP	4.750	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.75	0.59	2.2	0.06	2.00
FTRE-5.00-SSP	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	5.94	0.72	3.3	0.06	3.00
FTRE-6.00-SSP	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	6.94	0.72	3.6	0.06	3.00







FTRE-SSP – STAINLESS 440c PLUS

Flanged – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRE-1.00-SSP	560	270	140	70	24,000	290	390	200	PFC Lip	DGBB-SS	0.22
FTRE-1.125-SSP	560	270	140	70	24,000	290	390	200	PFC Lip	DGBB-SS	0.27
FTRE-1.25-SSP	740	370	190	100	19,000	540	470	200	PFC Lip	DGBB-SS	0.34
FTRE-1.375-SSP	740	370	190	100	19,000	540	470	200	PFC Lip	DGBB-SS	0.41
FTRE-1.50-SSP	2,090	1,350	530	340	15,000	920	550	500	PFC Lip	DGBB-SS	0.76
FTRE-1.75-SSP	2,090	1,350	530	340	15,000	920	550	500	PFC Lip	DGBB-SS	1.08
FTRE-2.00-SSP	2,940	2,140	740	540	12,000	2,100	900	500	PFC Lip	DGBB-SS	1.96
FTRE-2.25-SSP	2,940	2,140	740	540	12,000	2,100	900	500	PFC Lip	DGBB-SS	2.37
FTRE-2.50-SSP	4,270	3,440	1,070	860	8,500	5,260	1,340	500	PFC Lip	DGBB-SS	2.87
FTRE-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	4,550	-	1,500	NBR Dual Lip	PREMIUM TRB	3.06
FTRE-2.75-SSP	4,270	3,440	1,070	860	8,500	5,260	1,340	500	PFC Lip	DGBB-SS	3.38
FTRE-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	4,550	-	1,500	NBR Dual Lip	PREMIUM TRB	3.47
FTRE-3.00A-SSP	6,010	5,040	1,510	1,260	8,000	9,730	1,950	1,000	PFC Lip	DGBB-SS	5.15
FTRE-3.00-SSP	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	5.19
FTRE-3.25A-SSP	6,010	5,040	1,510	1,260	8,000	9,730	1,950	1,000	PFC Lip	DGBB-SS	5.85
FTRE-3.25-SSP	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	5.90
FTRE-3.50A-SSP	6,010	5,040	1,510	1,260	8,000	9,730	1,950	1,000	PFC Lip	DGBB-SS	6.81
FTRE-3.50-SSP	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	6.87
FTRE-4.00A-SSP	6,010	5,040	1,510	1,260	8,000	9,730	1,950	1,000	PFC Lip	DGBB-SS	8.48
FTRE-4.00-SSP	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	8.82
FTRE-4.50-SSP	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	10.52
FTRE-4.75-SSP	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	11.47
FTRE-5.00-SSP	38,060	58,400	14,350	37,660	1,550	23,490	-	1,500	NBR Dual Lip	PREMIUM TRB	21.62
FTRE-6.00-SSP	37,990	56,200	15,320	38,740	1,250	45,890	-	1,500	NBR Dual Lip	PREMIUM TRB	32.75





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FTRE-SSP-R – STAINLESS 440c PLUS

Flanged – Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

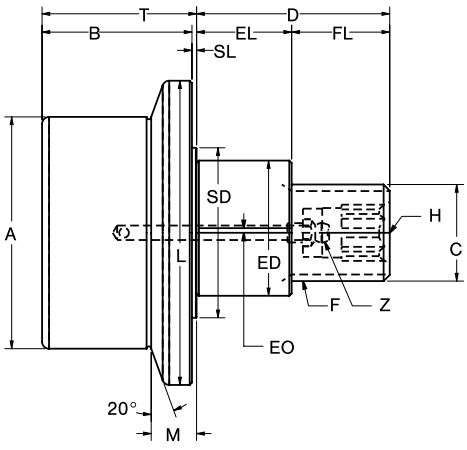
∞ Infinity Roller™ Technology

Solutions Through Innovation

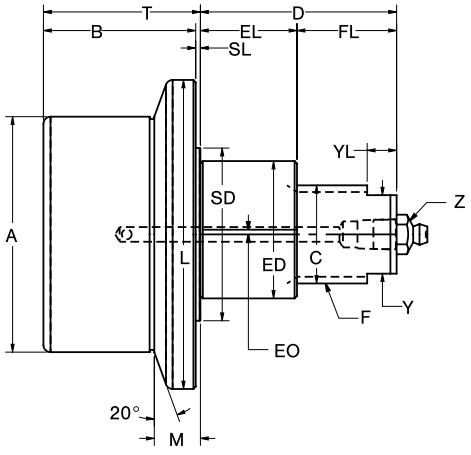
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER			WRENCH FLAT		Lube Size
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	Size	Len.	
FTRE-1.00-SSP-R	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	1.38	0.22	0.7	0.03	0.78	0.312	0.250	1/8 Drive
FTRE-1.125-SSP-R	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	1.50	0.22	0.7	0.03	0.78	0.312	0.250	1/8 Drive
FTRE-1.25-SSP-R	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	1.56	0.22	0.8	0.03	0.84	0.375	0.250	1/8 Drive
FTRE-1.375-SSP-R	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	1.69	0.22	0.8	0.03	0.84	0.375	0.250	1/8 Drive
FTRE-1.50-SSP-R	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	2.19	0.34	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF
FTRE-1.75-SSP-R	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	-	2.44	0.34	1.3	0.06	1.19	0.625	0.375	1/8-27 NPT
FTRE-2.00-SSP-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.69	0.59	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
FTRE-2.25-SSP-R	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.94	0.59	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
FTRE-2.50-SSP-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.19	0.59	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
FTRE-2.50E-SSP-R	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.19	0.59	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
FTRE-2.75-SSP-R	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.44	0.59	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
FTRE-2.75E-SSP-R	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.44	0.59	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
FTRE-3.00A-SSP-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	3.94	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.00-SSP-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	3.94	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.25A-SSP-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	4.19	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.25-SSP-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	4.19	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.50A-SSP-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.44	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-3.50-SSP-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.44	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-4.00A-SSP-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.94	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-4.00-SSP-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.94	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-4.50-SSP-R	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	5.44	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-4.75-SSP-R	4.750	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	5.75	0.59	2.2	0.06	2.00	-	-	1/4-28 UNF
FTRE-5.00-SSP-R	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	5.94	0.72	3.3	0.06	3.00	-	-	1/4-28 UNF
FTRE-6.00-SSP-R	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	6.94	0.72	3.6	0.06	3.00	-	-	1/4-28 UNF



3.00 ROLLER DIA. AND LARGER



THROUGH 2.75



FTRE-SSP-R – STAINLESS 440c PLUS

Flanged – Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	"Stud Capacity (lbf)"	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRE-1.00-SSP-R	560	270	140	70	24,000	290	390	200	PFC Lip	DGBB-SS	0.22
FTRE-1.125-SSP-R	560	270	140	70	24,000	290	390	200	PFC Lip	DGBB-SS	0.27
FTRE-1.25-SSP-R	740	370	190	100	19,000	540	470	200	PFC Lip	DGBB-SS	0.34
FTRE-1.375-SSP-R	740	370	190	100	19,000	540	470	200	PFC Lip	DGBB-SS	0.41
FTRE-1.50-SSP-R	2,090	1,350	530	340	15,000	920	550	500	PFC Lip	DGBB-SS	0.76
FTRE-1.75-SSP-R	2,090	1,350	530	340	15,000	920	550	500	PFC Lip	DGBB-SS	1.08
FTRE-2.00-SSP-R	2,940	2,140	740	540	12,000	2,100	900	500	PFC Lip	DGBB-SS	1.96
FTRE-2.25-SSP-R	2,940	2,140	740	540	12,000	2,100	900	500	PFC Lip	DGBB-SS	2.37
FTRE-2.50-SSP-R	4,270	3,440	1,070	860	8,500	5,260	1,340	500	PFC Lip	DGBB-SS	2.87
FTRE-2.50E-SSP-R	13,720	14,800	5,130	9,470	2,100	4,550	-	1,500	NBR Dual Lip	PREMIUM TRB	3.06
FTRE-2.75-SSP-R	4,270	3,440	1,070	860	8,500	5,260	1,340	500	PFC Lip	DGBB-SS	3.38
FTRE-2.75E-SSP-R	13,720	14,800	5,130	9,470	2,100	4,550	-	1,500	NBR Dual Lip	PREMIUM TRB	3.47
FTRE-3.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	9,730	1,950	1,000	PFC Lip	DGBB-SS	5.15
FTRE-3.00-SSP-R	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	5.19
FTRE-3.25A-SSP-R	6,010	5,040	1,510	1,260	8,000	9,730	1,950	1,000	PFC Lip	DGBB-SS	5.85
FTRE-3.25-SSP-R	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	5.90
FTRE-3.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	9,730	1,950	1,000	PFC Lip	DGBB-SS	6.81
FTRE-3.50-SSP-R	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	6.87
FTRE-4.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	9,730	1,950	1,000	PFC Lip	DGBB-SS	8.48
FTRE-4.00-SSP-R	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	8.82
FTRE-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	10.52
FTRE-4.75-SSP-R	17,940	20,000	7,410	14,120	2,490	8,240	-	1,500	NBR Dual Lip	PREMIUM TRB	11.47
FTRE-5.00-SSP-R	38,060	58,400	14,350	37,660	1,550	23,490	-	1,500	NBR Dual Lip	PREMIUM TRB	21.62
FTRE-6.00-SSP-R	37,990	56,200	15,320	38,740	1,250	45,890	-	1,500	NBR Dual Lip	PREMIUM TRB	32.75



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FTRY-SSP – STAINLESS 440c PLUS

Flanged – Yoke
Ball & Tapered Roller Bearings

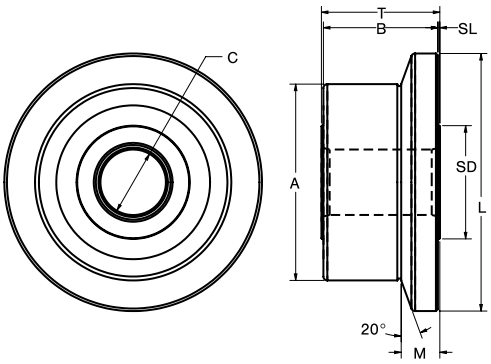
∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T
	ROLLER			FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Bore Dia. +.0007 -.0000	Dia.	Width	Dia.	Len.	Inner Race Width +.005 -.010
FTRY-1.00-SSP	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688
FTRY-1.125-SSP	1.125	0.63	0.3130	1.38	0.22	0.6	0.03	0.688
FTRY-1.25-SSP	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813
FTRY-1.375-SSP	1.375	0.75	0.3755	1.56	0.22	0.6	0.03	0.813
FTRY-1.50-SSP	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937
FTRY-1.75-SSP	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063
FTRY-2.00-SSP	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313
FTRY-2.25-SSP	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313
FTRY-2.50-SSP	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563
FTRY-2.50E-SSP	2.500	1.50	0.7505	3.19	0.50	1.3	0.03	1.563
FTRY-2.75-SSP	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563
FTRY-2.75E-SSP	2.750	1.50	0.7505	3.44	0.50	1.3	0.03	1.563
FTRY-3.00A-SSP	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813
FTRY-3.00-SSP	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813
FTRY-3.25A-SSP	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813
FTRY-3.25-SSP	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813
FTRY-3.50A-SSP	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063
FTRY-3.50-SSP	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063
FTRY-4.00A-SSP	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313
FTRY-4.00-SSP	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313
FTRY-5.00-SSP	5.000	2.75	1.7508	5.94	0.72	3.2	0.06	2.875
FTRY-6.00-SSP	6.000	3.25	2.2508	6.94	0.72	3.5	0.06	3.375

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312-SS	YSHE-.312-SS
YSH-.312-SS	YSHE-.312-SS
YSH-.375-SS	YSHE-.375-SS
YSH-.375-SS	YSHE-.375-SS
YSH-.437-SS	YSHE-.437-SS
YSH-.500-SS	YSHE-.500-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.125-SS	YSHE-1.125-SS
YSH-1.125-SS	YSHE-1.125-SS
YSH-1.250-SS	YSHE-1.250-SS
YSH-1.250-SS	YSHE-1.250-SS
YSH-1.750-SS	YSHE-1.750-SS
YSH-2.250-SS	YSHE-2.250-SS







FTRY-SSP – STAINLESS 440c PLUS

Flanged – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRY-1.00-SSP	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.12
FTRY-1.125-SSP	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.15
FTRY-1.25-SSP	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.2
FTRY-1.375-SSP	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.25
FTRY-1.50-SSP	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.37
FTRY-1.75-SSP	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.59
FTRY-2.00-SSP	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.07
FTRY-2.25-SSP	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.40
FTRY-2.50-SSP	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	1.84
FTRY-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.92
FTRY-2.75-SSP	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.37
FTRY-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.39
FTRY-3.00A-SSP	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.16
FTRY-3.00-SSP	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.38
FTRY-3.25A-SSP	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.83
FTRY-3.25-SSP	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.03
FTRY-3.50A-SSP	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	4.80
FTRY-3.50-SSP	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	5.16
FTRY-4.00A-SSP	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	7.05
FTRY-4.00-SSP	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	7.72
FTRY-5.00-SSP	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	13.57
FTRY-6.00-SSP	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	21.49



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FTRY-SSP-R – STAINLESS 440c PLUS

Flanged – Yoke

Ball & Tapered Roller Bearings - Regreasable

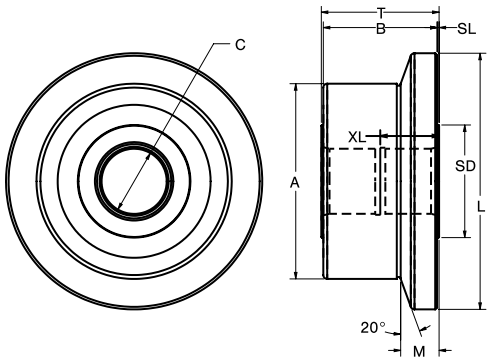
∞ Infinity Roller™ Technology

Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	FLANGE		SHOULDER		Inner Race Width +.005 -.010	Grease Groove Location	Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width		Dia.	Width	Dia.	Len.				
FTRY-1.00-SSP-R	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688	0.34	YSH-.312-SS-R	YSHE-.312-SS-R
FTRY-1.125-SSP-R	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688	0.34	YSH-.312-SS-R	YSHE-.312-SS-R
FTRY-1.25-SSP-R	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813	0.41	YSH-.375-SS-R	YSHE-.375-SS-R
FTRY-1.375-SSP-R	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813	0.41	YSH-.375-SS-R	YSHE-.375-SS-R
FTRY-1.50-SSP-R	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	0.47	YSH-.437-SS-R	YSHE-.437-SS-R
FTRY-1.75-SSP-R	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	0.53	YSH-.500-SS-R	YSHE-.500-SS-R
FTRY-2.00-SSP-R	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	0.66	YSH-.625-SS-R	YSHE-.625-SS-R
FTRY-2.25-SSP-R	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	0.66	YSH-.625-SS-R	YSHE-.625-SS-R
FTRY-2.50-SSP-R	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
FTRY-2.50E-SSP-R	2.500	1.50	0.7505	3.19	0.50	1.3	0.03	1.563	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
FTRY-2.75-SSP-R	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
FTRY-2.75E-SSP-R	2.750	1.50	0.7505	3.44	0.50	1.3	0.03	1.563	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
FTRY-3.00A-SSP-R	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
FTRY-3.00-SSP-R	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
FTRY-3.25A-SSP-R	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
FTRY-3.25-SSP-R	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
FTRY-3.50A-SSP-R	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	1.03	YSH-1.250-SS-R	YSHE-1.250-SS-R
FTRY-3.50-SSP-R	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	1.03	YSH-1.250-SS-R	YSHE-1.250-SS-R
FTRY-4.00A-SSP-R	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.16	YSH-1.250-SS-R	YSHE-1.250-SS-R
FTRY-4.00-SSP-R	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.16	YSH-1.250-SS-R	YSHE-1.250-SS-R
FTRY-5.00-SSP-R	5.000	2.75	1.7508	5.94	0.72	3.2	0.06	2.875	1.44	YSH-1.750-SS-R	YSHE-1.750-SS-R
FTRY-6.00-SSP-R	6.000	3.25	2.2508	6.94	0.72	3.5	0.06	3.375	1.69	YSH-2.250-SS-R	YSHE-2.250-SS-R







FTRY-SSP-R – STAINLESS 440c PLUS

Flanged – Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FTRY-1.00-SSP-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.12
FTRY-1.125-SSP-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.15
FTRY-1.25-SSP-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.2
FTRY-1.375-SSP-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.25
FTRY-1.50-SSP-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.37
FTRY-1.75-SSP-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.59
FTRY-2.00-SSP-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.07
FTRY-2.25-SSP-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.40
FTRY-2.50-SSP-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	1.84
FTRY-2.50E-SSP-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	1.92
FTRY-2.75-SSP-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.37
FTRY-2.75E-SSP-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.39
FTRY-3.00A-SSP-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.16
FTRY-3.00-SSP-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.38
FTRY-3.25A-SSP-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.83
FTRY-3.25-SSP-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.03
FTRY-3.50A-SSP-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	4.80
FTRY-3.50-SSP-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	5.16
FTRY-4.00A-SSP-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	7.05
FTRY-4.00-SSP-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	7.72
FTRY-5.00-SSP-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	13.57
FTRY-6.00-SSP-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	21.49





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

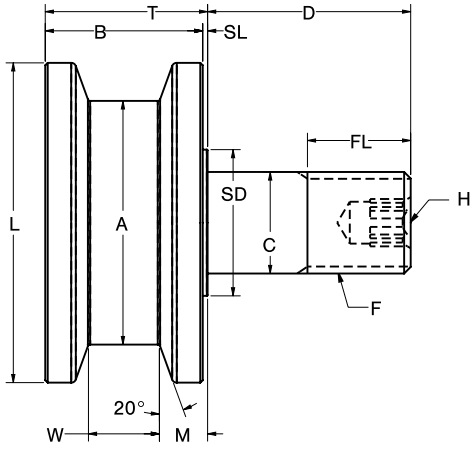
FFTR-SSP – STAINLESS 440c PLUS

Double Flanged – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T	W
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER			Tread Width
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	
FFTR-1.00-SSP	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.38	0.22	0.5	0.03	0.78	0.37
FFTR-1.125-SSP	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.50	0.22	0.5	0.03	0.78	0.37
FFTR-1.25-SSP	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.56	0.22	0.6	0.03	0.84	0.43
FFTR-1.375-SSP	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.69	0.22	0.6	0.03	0.84	0.43
FFTR-1.50-SSP	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.19	0.34	0.8	0.06	1.19	0.56
FFTR-1.75-SSP	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	2.44	0.34	0.9	0.06	1.19	0.56
FFTR-2.00-SSP	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59	1.0	0.06	1.69	0.56
FFTR-2.25-SSP	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.59	1.0	0.06	1.69	0.56
FFTR-2.50-SSP	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	3.19	0.59	1.2	0.06	1.69	0.56
FFTR-2.50E-SSP	2.500	1.75	1.000	2.25	1 - 14	1.50	1/2	3.19	0.59	1.3	0.06	1.81	0.69
FFTR-2.75-SSP	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	3.44	0.59	1.2	0.06	1.69	0.56
FFTR-2.75E-SSP	2.750	1.75	1.000	2.25	1 - 14	1.50	1/2	3.44	0.59	1.3	0.06	1.81	0.69
FFTR-3.00A-SSP	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.5	0.06	2.00	0.88
FFTR-3.00-SSP	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.8	0.06	2.00	0.88
FFTR-3.25A-SSP	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.5	0.06	2.00	0.88
FFTR-3.25-SSP	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.8	0.06	2.00	0.88
FFTR-3.50A-SSP	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.5	0.06	2.00	0.88
FFTR-3.50-SSP	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.8	0.06	2.00	0.88
FFTR-4.00A-SSP	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.5	0.06	2.00	0.88
FFTR-4.00-SSP	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.8	0.06	2.00	0.88
FFTR-4.50-SSP	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.44	0.59	1.8	0.06	2.00	0.88
FFTR-4.75-SSP	4.750	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	5.75	0.59	1.8	0.06	2.00	0.88
FFTR-5.00-SSP	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	5.94	0.72	3.0	0.06	3.00	1.63
FFTR-6.00-SSP	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	6.94	0.72	3.5	0.06	3.00	1.63





FFTR-SSP – STAINLESS 440c PLUS

Double Flanged – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTR-1.00-SSP	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.23
FFTR-1.125-SSP	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.28
FFTR-1.25-SSP	740	370	190	100	19,000	680	470	90	PFC Lip	DGBB-SS	0.34
FFTR-1.375-SSP	740	370	190	100	19,000	680	470	90	PFC Lip	DGBB-SS	0.41
FFTR-1.50-SSP	2,090	1,350	530	340	15,000	1,200	550	250	PFC Lip	DGBB-SS	0.81
FFTR-1.75-SSP	2,090	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	1.14
FFTR-2.00-SSP	2,940	2,140	740	540	12,000	2,700	900	500	PFC Lip	DGBB-SS	2.15
FFTR-2.25-SSP	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	2.61
FFTR-2.50-SSP	4,270	3,440	1,070	860	8,500	5,940	1,340	500	PFC Lip	DGBB-SS	3.16
FFTR-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	3.31
FFTR-2.75-SSP	4,270	3,440	1,070	860	8,500	5,940	1,340	500	PFC Lip	DGBB-SS	3.72
FFTR-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	3.90
FFTR-3.00A-SSP	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	5.25
FFTR-3.00-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	5.46
FFTR-3.25A-SSP	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	5.89
FFTR-3.25-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	6.24
FFTR-3.50A-SSP	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	6.78
FFTR-3.50-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	7.17
FFTR-4.00A-SSP	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	8.55
FFTR-4.00-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	9.01
FFTR-4.50-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	10.76
FFTR-4.75-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	12.25
FFTR-5.00-SSP	38,060	58,400	14,350	37,660	1,550	28,560	-	1,500	NBR Dual Lip	PREMIUM TRB	21.39
FFTR-6.00-SSP	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	31.82





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FFTR-SSP-R – STAINLESS 440c PLUS

Double Flanged – Stud Concentric Ball & Tapered Roller Bearings - Regreasable

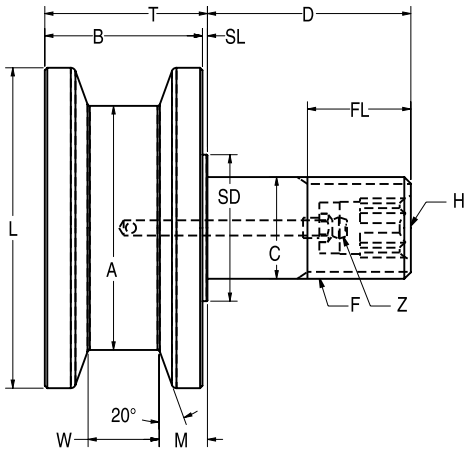
∞ Infinity Roller™ Technology

Solutions Through Innovation

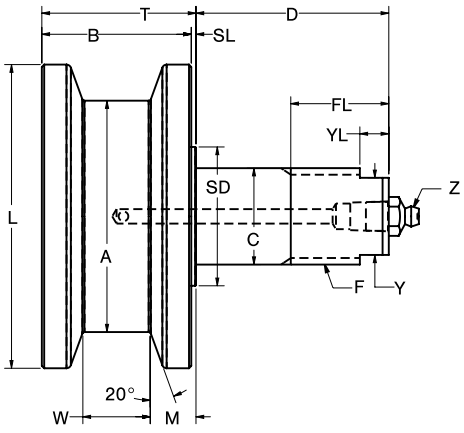
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER			Tread Width	WRENCH FLAT		Lube Size
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia	Width	Dia.	Len.	Len. + Roller Width		Size	Len.	
FFTR-1.00-SSP-R	1.000	0.75	0.437	1.00	7/16 - 20	0.50	-	1.38	0.22	0.5	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTR-1.125-SSP-R	1.125	0.75	0.437	1.00	7/16 - 20	0.50	-	1.50	0.22	0.5	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTR-1.25-SSP-R	1.250	0.81	0.500	1.25	1/2- 20	0.63	-	1.56	0.22	0.6	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTR-1.375-SSP-R	1.375	0.81	0.500	1.25	1/2- 20	0.63	-	1.69	0.22	0.6	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTR-1.50-SSP-R	1.500	1.13	0.625	1.50	5/8 - 18	0.75	-	2.19	0.34	0.8	0.06	1.19	0.56	0.500	0.375	1/4-28 UNF
FFTR-1.75-SSP-R	1.750	1.13	0.750	1.75	3/4 - 16	0.88	-	2.44	0.34	0.9	0.06	1.19	0.56	0.625	0.375	1/8-27 NPT
FFTR-2.00-SSP-R	2.000	1.63	0.875	2.00	7/8 - 14	1.13	-	2.69	0.59	1.0	0.06	1.69	0.56	0.625	0.375	1/8-27 NPT
FFTR-2.25-SSP-R	2.250	1.63	0.875	2.00	7/8 - 14	1.13	-	2.94	0.59	1.0	0.06	1.69	0.56	0.625	0.375	1/8-27 NPT
FFTR-2.50-SSP-R	2.500	1.63	1.000	2.25	1 - 14	1.50	-	3.19	0.59	1.2	0.06	1.69	0.56	0.875	0.375	1/8-27 NPT
FFTR-2.50E-SSP-R	2.500	1.75	1.000	2.25	1 - 14	1.50	-	3.19	0.59	1.3	0.06	1.81	0.69	0.875	0.375	1/8-27 NPT
FFTR-2.75-SSP-R	2.750	1.63	1.000	2.25	1 - 14	1.50	-	3.44	0.59	1.2	0.06	1.69	0.56	0.875	0.375	1/8-27 NPT
FFTR-2.75E-SSP-R	2.750	1.75	1.000	2.25	1 - 14	1.50	-	3.44	0.59	1.3	0.06	1.81	0.69	0.875	0.375	1/8-27 NPT
FFTR-3.00A-SSP-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	3.94	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.00-SSP-R	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	3.94	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.25A-SSP-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.19	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.25-SSP-R	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.19	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.50A-SSP-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.44	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-3.50-SSP-R	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.44	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-4.00A-SSP-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	1.5	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-4.00-SSP-R	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-4.50-SSP-R	4.500	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	5.44	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-4.75-SSP-R	4.750	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	5.75	0.59	1.8	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTR-5.00-SSP-R	5.000	2.94	2.000	4.50	2 - 12	2.50	5/8	5.94	0.72	3.0	0.06	3.00	1.63	-	-	1/4-28 UNF
FFTR-6.00-SSP-R	6.000	2.94	2.500	5.50	2 1/2 - 12	3.25	5/8	6.94	0.72	3.5	0.06	3.00	1.63	-	-	1/4-28 UNF



3.00 ROLLER DIA. AND LARGER



THROUGH 2.75



FFTR-SSP-R – STAINLESS 440c PLUS

Double Flanged – Stud Concentric Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTR-1.00-SSP-R	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.23
FFTR-1.125-SSP-R	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.28
FFTR-1.25-SSP-R	740	370	190	100	19,000	680	470	90	PFC Lip	DGBB-SS	0.34
FFTR-1.375-SSP-R	740	370	190	100	19,000	680	470	90	PFC Lip	DGBB-SS	0.41
FFTR-1.50-SSP-R	2,090	1,350	530	340	15,000	1,200	550	250	PFC Lip	DGBB-SS	0.81
FFTR-1.75-SSP-R	2,090	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	1.14
FFTR-2.00-SSP-R	2,940	2,140	740	540	12,000	2,700	900	500	PFC Lip	DGBB-SS	2.15
FFTR-2.25-SSP-R	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	2.61
FFTR-2.50-SSP-R	4,270	3,440	1,070	860	8,500	5,940	1,340	500	PFC Lip	DGBB-SS	3.16
FFTR-2.50E-SSP-R	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	3.31
FFTR-2.75-SSP-R	4,270	3,440	1,070	860	8,500	5,940	1,340	500	PFC Lip	DGBB-SS	3.72
FFTR-2.75E-SSP-R	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	3.90
FFTR-3.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	5.25
FFTR-3.00-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	5.46
FFTR-3.25A-SSP-R	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	5.89
FFTR-3.25-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	6.24
FFTR-3.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	6.78
FFTR-3.50-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	7.17
FFTR-4.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	10,360	1,950	1,000	PFC Lip	DGBB-SS	8.55
FFTR-4.00-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	9.01
FFTR-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	10.76
FFTR-4.75-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	12.25
FFTR-5.00-SSP-R	38,060	58,400	14,350	37,660	1,550	28,560	-	1,500	NBR Dual Lip	PREMIUM TRB	21.39
FFTR-6.00-SSP-R	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	31.82





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FFTRE-SSP – STAINLESS 440c PLUS

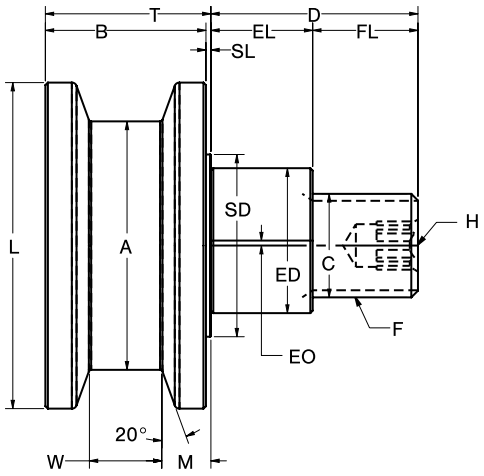
Double Flanged – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T	W
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER			Tread Width
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	
FFTRE-1.00-SSP	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.38	0.22	0.7	0.03	0.78	0.37
FFTRE-1.125-SSP	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.50	0.22	0.7	0.03	0.78	0.37
FFTRE-1.25-SSP	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.56	0.22	0.8	0.03	0.84	0.43
FFTRE-1.375-SSP	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.69	0.22	0.8	0.03	0.84	0.43
FFTRE-1.50-SSP	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.19	0.34	1.1	0.06	1.19	0.56
FFTRE-1.75-SSP	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	2.44	0.34	1.3	0.06	1.19	0.56
FFTRE-2.00-SSP	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59	1.5	0.06	1.69	0.56
FFTRE-2.25-SSP	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.59	1.5	0.06	1.69	0.56
FFTRE-2.50-SSP	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.19	0.59	1.7	0.06	1.69	0.56
FFTRE-2.50E-SSP	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	3.19	0.59	1.7	0.06	1.81	0.69
FFTRE-2.75-SSP	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.44	0.59	1.7	0.06	1.69	0.56
FFTRE-2.75E-SSP	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	1/2	3.44	0.59	1.7	0.06	1.81	0.69
FFTRE-3.00A-SSP	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00	0.88
FFTRE-3.00-SSP	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00	0.88
FFTRE-3.25A-SSP	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00	0.88
FFTRE-3.25-SSP	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00	0.88
FFTRE-3.50A-SSP	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00	0.88
FFTRE-3.50-SSP	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00	0.88
FFTRE-4.00A-SSP	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00	0.88
FFTRE-4.00-SSP	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00	0.88
FFTRE-4.50-SSP	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.44	0.59	2.2	0.06	2.00	0.88
FFTRE-4.75-SSP	4.750	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	5.75	0.59	2.2	0.06	2.00	0.88
FFTRE-5.00-SSP	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	5.94	0.72	3.3	0.06	3.00	1.63
FFTRE-6.00-SSP	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	6.94	0.72	3.6	0.06	3.00	1.63





Solutions Through Innovation

FFTRE-SSP – STAINLESS 440c PLUS

Double Flanged – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRE-1.00-SSP	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.25
FFTRE-1.125-SSP	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.31
FFTRE-1.25-SSP	740	370	190	100	19,000	680	470	200	PFC Lip	DGBB-SS	0.36
FFTRE-1.375-SSP	740	370	190	100	19,000	680	470	200	PFC Lip	DGBB-SS	0.45
FFTRE-1.50-SSP	2,090	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	0.91
FFTRE-1.75-SSP	2,090	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	1.25
FFTRE-2.00-SSP	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	2.29
FFTRE-2.25-SSP	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	2.80
FFTRE-2.50-SSP	4,270	3,440	1,070	860	8,500	7,230	1,340	500	PFC Lip	DGBB-SS	3.48
FFTRE-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	3.67
FFTRE-2.75-SSP	4,270	3,440	1,070	860	8,500	7,230	1,340	500	PFC Lip	DGBB-SS	3.98
FFTRE-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	4.16
FFTRE-3.00A-SSP	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	5.77
FFTRE-3.00-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	5.81
FFTRE-3.25A-SSP	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	6.40
FFTRE-3.25-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	6.45
FFTRE-3.50A-SSP	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	7.57
FFTRE-3.50-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	7.75
FFTRE-4.00A-SSP	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	9.11
FFTRE-4.00-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	9.61
FFTRE-4.50-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	11.34
FFTRE-4.75-SSP	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	12.50
FFTRE-5.00-SSP	38,060	58,400	14,350	37,660	1,550	28,560	-	1,500	NBR Dual Lip	PREMIUM TRB	22.79
FFTRE-6.00-SSP	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	33.85





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FFTRE-SSP-R – STAINLESS 440c PLUS

Double Flanged – Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable

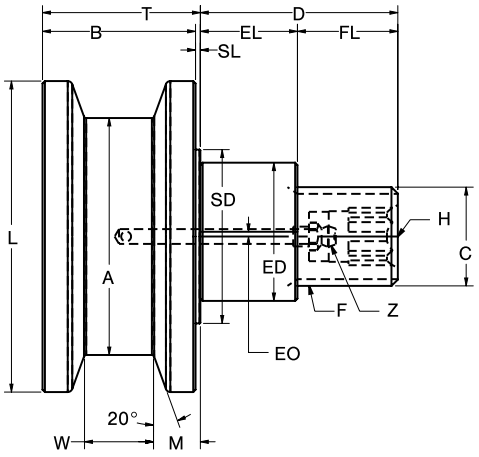
∞ Infinity Roller™ Technology

Solutions Through Innovation

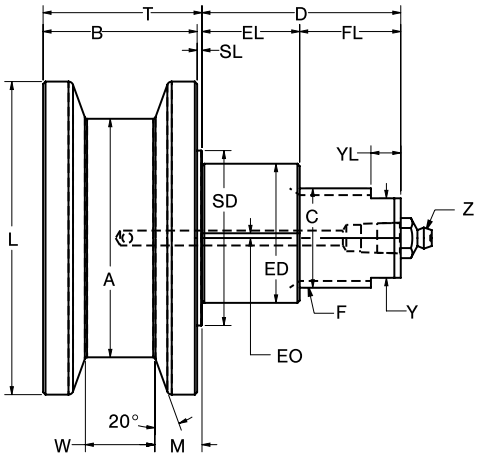
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER			Tread Width	WRENCH FLAT		Lube Size
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width		Size	Len.	
FFTRE-1.00-SSP-R	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	1.38	0.22	0.7	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTRE-1.125-SSP-R	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	-	1.50	0.22	0.7	0.03	0.78	0.37	0.312	0.250	1/8 Drive
FFTRE-1.25-SSP-R	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	1.56	0.22	0.8	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTRE-1.375-SSP-R	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	-	1.69	0.22	0.8	0.03	0.84	0.43	0.375	0.250	1/8 Drive
FFTRE-1.50-SSP-R	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	2.19	0.34	1.1	0.06	1.19	0.56	0.500	0.375	1/4-28 UNF
FFTRE-1.75-SSP-R	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	-	2.44	0.34	1.3	0.06	1.19	0.56	0.625	0.375	1/8-27 NPT
FFTRE-2.00-SSP-R	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.69	0.59	1.5	0.06	1.69	0.56	0.625	0.375	1/8-27 NPT
FFTRE-2.25-SSP-R	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.94	0.59	1.5	0.06	1.69	0.56	0.625	0.375	1/8-27 NPT
FFTRE-2.50-SSP-R	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.19	0.59	1.7	0.06	1.69	0.56	0.875	0.375	1/8-27 NPT
FFTRE-2.50E-SSP-R	2.500	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.19	0.59	1.7	0.06	1.81	0.69	0.875	0.375	1/8-27 NPT
FFTRE-2.75-SSP-R	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.44	0.59	1.7	0.06	1.69	0.56	0.875	0.375	1/8-27 NPT
FFTRE-2.75E-SSP-R	2.750	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.44	0.59	1.7	0.06	1.81	0.69	0.875	0.375	1/8-27 NPT
FFTRE-3.00A-SSP-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	3.94	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.00-SSP-R	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	3.94	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.25A-SSP-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	4.19	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.25-SSP-R	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	4.19	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.50A-SSP-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.44	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-3.50-SSP-R	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.44	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-4.00A-SSP-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.94	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-4.00-SSP-R	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.94	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-4.50-SSP-R	4.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	5.44	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-4.75-SSP-R	4.750	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	5.75	0.59	2.2	0.06	2.00	0.88	-	-	1/4-28 UNF
FFTRE-5.00-SSP-R	5.000	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	5/8	5.94	0.72	3.3	0.06	3.00	1.63	-	-	1/4-28 UNF
FFTRE-6.00-SSP-R	6.000	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	5/8	6.94	0.72	3.6	0.06	3.00	1.63	-	-	1/4-28 UNF



3.00 ROLLER DIA. AND LARGER



THROUGH 2.75



FFTRE-SSP-R – STAINLESS 440c PLUS

Double Flanged – Stud Eccentric Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRE-1.00-SSP-R	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.25
FFTRE-1.125-SSP-R	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.31
FFTRE-1.25-SSP-R	740	370	190	100	19,000	680	470	200	PFC Lip	DGBB-SS	0.36
FFTRE-1.375-SSP-R	740	370	190	100	19,000	680	470	200	PFC Lip	DGBB-SS	0.45
FFTRE-1.50-SSP-R	2,090	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	0.91
FFTRE-1.75-SSP-R	2,090	1,350	530	340	15,000	1,200	550	500	PFC Lip	DGBB-SS	1.25
FFTRE-2.00-SSP-R	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	2.29
FFTRE-2.25-SSP-R	2,940	2,140	740	540	12,000	3,230	900	500	PFC Lip	DGBB-SS	2.80
FFTRE-2.50-SSP-R	4,270	3,440	1,070	860	8,500	7,230	1,340	500	PFC Lip	DGBB-SS	3.48
FFTRE-2.50E-SSP-R	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	3.67
FFTRE-2.75-SSP-R	4,270	3,440	1,070	860	8,500	7,230	1,340	500	PFC Lip	DGBB-SS	3.98
FFTRE-2.75E-SSP-R	13,720	14,800	5,130	9,470	2,100	5,840	-	1,500	NBR Dual Lip	PREMIUM TRB	4.16
FFTRE-3.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	5.77
FFTRE-3.00-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	5.81
FFTRE-3.25A-SSP-R	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	6.40
FFTRE-3.25-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	6.45
FFTRE-3.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	7.57
FFTRE-3.50-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	7.75
FFTRE-4.00A-SSP-R	6,010	5,040	1,510	1,260	8,000	13,600	1,950	1,000	PFC Lip	DGBB-SS	9.11
FFTRE-4.00-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	9.61
FFTRE-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	11.34
FFTRE-4.75-SSP-R	17,940	20,000	7,410	14,120	2,490	10,360	-	1,500	NBR Dual Lip	PREMIUM TRB	12.50
FFTRE-5.00-SSP-R	38,060	58,400	14,350	37,660	1,550	28,560	-	1,500	NBR Dual Lip	PREMIUM TRB	22.79
FFTRE-6.00-SSP-R	37,990	56,200	15,320	38,740	1,250	55,780	-	1,500	NBR Dual Lip	PREMIUM TRB	33.85





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FFTRY-SSP – STAINLESS 440c PLUS

Double Flanged – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

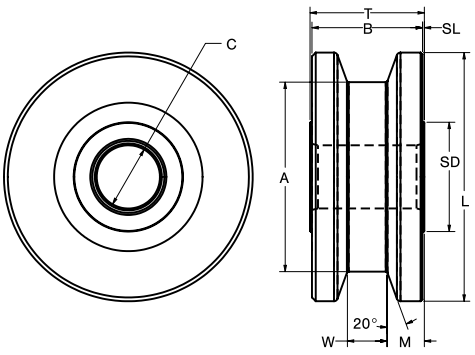
Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	W
	ROLLER			FLANGE		SHOULDER			
	Dia.	Width	Bore Dia. +.0007 -.0000	Dia.	Width	Dia.	Len.	Inner Race Width +.005 -.010	Tread Width
FFTRY-1.00-SSP	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688	0.25
FFTRY-1.125-SSP	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688	0.25
FFTRY-1.25-SSP	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813	0.38
FFTRY-1.375-SSP	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813	0.38
FFTRY-1.50-SSP	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	0.50
FFTRY-1.75-SSP	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	0.56
FFTRY-2.00-SSP	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	0.69
FFTRY-2.25-SSP	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	0.69
FFTRY-2.50-SSP	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	0.56
FFTRY-2.50E-SSP	2.500	1.50	0.7505	3.19	0.50	1.3	0.03	1.563	0.56
FFTRY-2.75-SSP	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	0.68
FFTRY-2.75E-SSP	2.750	1.50	0.7505	3.44	0.50	1.3	0.03	1.563	0.68
FFTRY-3.00A-SSP	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63
FFTRY-3.00-SSP	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63
FFTRY-3.25A-SSP	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63
FFTRY-3.25-SSP	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63
FFTRY-3.50A-SSP	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88
FFTRY-3.50-SSP	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88
FFTRY-4.00A-SSP	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13
FFTRY-4.00-SSP	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13
FFTRY-5.00-SSP	5.000	2.75	1.7508	5.94	0.72	3.2	0.06	2.875	1.44
FFTRY-6.00-SSP	6.000	3.25	2.2508	6.94	0.72	3.5	0.06	3.375	1.94

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312-SS	YSHE-.312-SS
YSH-.312-SS	YSHE-.312-SS
YSH-.375-SS	YSHE-.375-SS
YSH-.375-SS	YSHE-.375-SS
YSH-.437-SS	YSHE-.437-SS
YSH-.500-SS	YSHE-.500-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.125-SS	YSHE-1.125-SS
YSH-1.125-SS	YSHE-1.125-SS
YSH-1.250-SS	YSHE-1.250-SS
YSH-1.250-SS	YSHE-1.250-SS
YSH-1.750-SS	YSHE-1.750-SS
YSH-2.250-SS	YSHE-2.250-SS







Solutions Through Innovation

FFTRY-SSP – STAINLESS 440c PLUS

Double Flanged – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRY-1.00-SSP	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.14
FFTRY-1.125-SSP	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.17
FFTRY-1.25-SSP	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.22
FFTRY-1.375-SSP	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.27
FFTRY-1.50-SSP	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.45
FFTRY-1.75-SSP	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.71
FFTRY-2.00-SSP	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.32
FFTRY-2.25-SSP	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.67
FFTRY-2.50-SSP	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.19
FFTRY-2.50E-SSP	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.23
FFTRY-2.75-SSP	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.69
FFTRY-2.75E-SSP	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.73
FFTRY-3.00A-SSP	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.86
FFTRY-3.00-SSP	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.06
FFTRY-3.25A-SSP	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	4.44
FFTRY-3.25-SSP	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.69
FFTRY-3.50A-SSP	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	5.43
FFTRY-3.50-SSP	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	5.79
FFTRY-4.00A-SSP	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	8.16
FFTRY-4.00-SSP	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	8.55
FFTRY-5.00-SSP	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	14.80
FFTRY-6.00-SSP	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	22.94





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

FFTRY-SSP-R – STAINLESS 440c PLUS

Double Flanged – Yoke

Ball & Tapered Roller Bearings - Regreasable

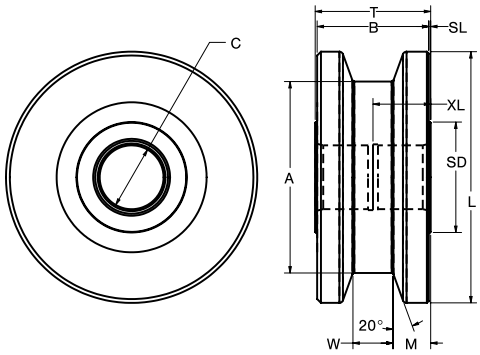
∞ Infinity Roller™ Technology

Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	W	XL
	ROLLER			FLANGE		SHOULDER				
	Dia.	Width	Bore Dia. +.0007 -.0000	Dia.	Width	Dia.	Len.	Inner Race Width +.005 -.010	Tread Width	Grease Groove Location
FFTRY-1.00-SSP-R	1.000	0.63	0.3130	1.38	0.22	0.6	0.03	0.688	0.25	0.34
FFTRY-1.125-SSP-R	1.125	0.63	0.3130	1.50	0.22	0.6	0.03	0.688	0.25	0.34
FFTRY-1.25-SSP-R	1.250	0.75	0.3755	1.56	0.22	0.6	0.03	0.813	0.38	0.41
FFTRY-1.375-SSP-R	1.375	0.75	0.3755	1.69	0.22	0.6	0.03	0.813	0.38	0.41
FFTRY-1.50-SSP-R	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	0.50	0.47
FFTRY-1.75-SSP-R	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	0.56	0.53
FFTRY-2.00-SSP-R	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	0.69	0.66
FFTRY-2.25-SSP-R	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	0.69	0.66
FFTRY-2.50-SSP-R	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	0.56	0.78
FFTRY-2.50E-SSP-R	2.500	1.50	0.7505	3.19	0.50	1.3	0.03	1.563	0.56	0.78
FFTRY-2.75-SSP-R	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	0.68	0.78
FFTRY-2.75E-SSP-R	2.750	1.50	0.7505	3.44	0.50	1.3	0.03	1.563	0.68	0.78
FFTRY-3.00A-SSP-R	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63	0.91
FFTRY-3.00-SSP-R	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63	0.91
FFTRY-3.25A-SSP-R	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63	0.91
FFTRY-3.25-SSP-R	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63	0.91
FFTRY-3.50A-SSP-R	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88	1.03
FFTRY-3.50-SSP-R	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88	1.03
FFTRY-4.00A-SSP-R	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13	1.16
FFTRY-4.00-SSP-R	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13	1.16
FFTRY-5.00-SSP-R	5.000	2.75	1.7508	5.94	0.72	3.2	0.06	2.875	1.44	1.44
FFTRY-6.00-SSP-R	6.000	3.25	2.2508	6.94	0.72	3.5	0.06	3.375	1.94	1.69

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312-SS-R	YSHE-.312-SS-R
YSH-.312-SS-R	YSHE-.312-SS-R
YSH-.375-SS-R	YSHE-.375-SS-R
YSH-.375-SS-R	YSHE-.375-SS-R
YSH-.437-SS-R	YSHE-.437-SS-R
YSH-.500-SS-R	YSHE-.500-SS-R
YSH-.625-SS-R	YSHE-.625-SS-R
YSH-.625-SS-R	YSHE-.625-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-.750-SS-R	YSHE-.750-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.000-SS-R	YSHE-1.000-SS-R
YSH-1.125-SS-R	YSHE-1.125-SS-R
YSH-1.125-SS-R	YSHE-1.125-SS-R
YSH-1.250-SS-R	YSHE-1.250-SS-R
YSH-1.250-SS-R	YSHE-1.250-SS-R
YSH-1.750-SS-R	YSHE-1.750-SS-R
YSH-2.250-SS-R	YSHE-2.250-SS-R





FFTRY-SSP-R – STAINLESS 440c PLUS

Double Flanged – Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
FFTRY-1.00-SSP-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.14
FFTRY-1.125-SSP-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.17
FFTRY-1.25-SSP-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.22
FFTRY-1.375-SSP-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.27
FFTRY-1.50-SSP-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.45
FFTRY-1.75-SSP-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.71
FFTRY-2.00-SSP-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.32
FFTRY-2.25-SSP-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.67
FFTRY-2.50-SSP-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.19
FFTRY-2.50E-SSP-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.23
FFTRY-2.75-SSP-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	2.69
FFTRY-2.75E-SSP-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	2.73
FFTRY-3.00A-SSP-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.86
FFTRY-3.00-SSP-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.06
FFTRY-3.25A-SSP-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	4.44
FFTRY-3.25-SSP-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	4.69
FFTRY-3.50A-SSP-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	5.43
FFTRY-3.50-SSP-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	5.79
FFTRY-4.00A-SSP-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	8.16
FFTRY-4.00-SSP-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	8.55
FFTRY-5.00-SSP-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	14.80
FFTRY-6.00-SSP-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	22.94



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CVTR-SSP – STAINLESS 440c PLUS

Crowned V-Groove – Stud Concentric Ball & Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

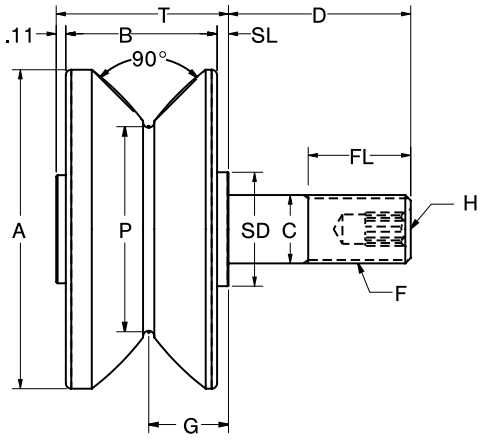
U.S. Patent Number 11,215,224

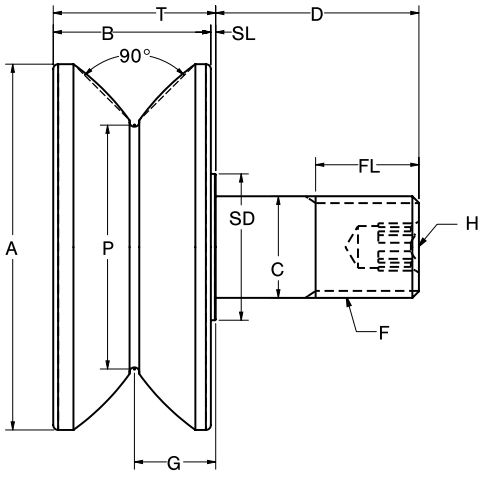
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.				Dia.	Len.	Len. + Roller Width
CVTR-1.50-SSP	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	3/16	1.125	0.5	0.03	0.78
CVTR-2.00-SSP	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	3/16	1.375	0.6	0.03	0.84
CVTR-2.50-SSP	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	1.500	0.9	0.06	1.31
CVTR-3.50-SSP	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	2.250	1.0	0.06	1.69
CVTR-3.50E-SSP	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	2.250	0.9	0.13	1.90†
CVTR-4.50A-SSP	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.5	0.06	2.00
CVTR-4.50-SSP	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.8	0.06	2.00
CVTR-5.50A-SSP	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.5	0.06	2.00
CVTR-5.50-SSP	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.8	0.06	2.00
CVTR-6.50-SSP	6.50	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	5.000	3.0	0.06	3.00
CVTR-7.50-SSP	7.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	6.000	3.5	0.06	3.00





3.50E ROLLER DIA.





CVTR-SSP – STAINLESS 440c PLUS

Crowned V-Groove – Stud Concentric Ball & Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CVTR-1.50-SSP	560	270	140	70	24,000	660	390	90	PFC Lip	DGBB-SS	0.33
CVTR-2.00-SSP	740	370	190	100	19,000	940	470	90	PFC Lip	DGBB-SS	0.56
CVTR-2.50-SSP	2,090	1,350	530	340	15,000	1,060	550	500	PFC Lip	DGBB-SS	1.31
CVTR-3.50-SSP	3,940	2,950	990	740	10,000	4,090	900	500	PFC Lip	DGBB-SS	3.44
CVTR-3.50E-SSP	15,040	14,400	4,520	7,390	3,750	3,200	-	1,000	NBR Dual Lip	PREMIUM TRB	3.40
CVTR-4.50A-SSP	6,010	5,040	1,510	1,260	8,000	16,930	1,950	1,000	PFC Lip	DGBB-SS	6.85
CVTR-4.50-SSP	17,940	20,000	7,410	14,120	2,490	13,030	-	1,500	NBR Dual Lip	PREMIUM TRB	6.88
CVTR-5.50A-SSP	6,010	5,040	1,510	1,260	8,000	16,930	1,950	1,000	PFC Lip	DGBB-SS	10.82
CVTR-5.50-SSP	17,940	20,000	7,410	14,120	2,490	13,030	-	1,500	NBR Dual Lip	PREMIUM TRB	11.04
CVTR-6.50-SSP	38,060	58,400	14,350	37,660	1,550	33,280	-	1,500	NBR Dual Lip	PREMIUM TRB	27.42
CVTR-7.50-SSP	37,990	56,200	15,320	38,740	1,250	65,000	-	1,500	NBR Dual Lip	PREMIUM TRB	39.14





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CVTR-SSP-R – STAINLESS 440c PLUS

Crowned V-Groove – Stud Concentric Ball & Tapered Roller Bearings - Regreasable

∞ | *Infinity Roller™ Technology*

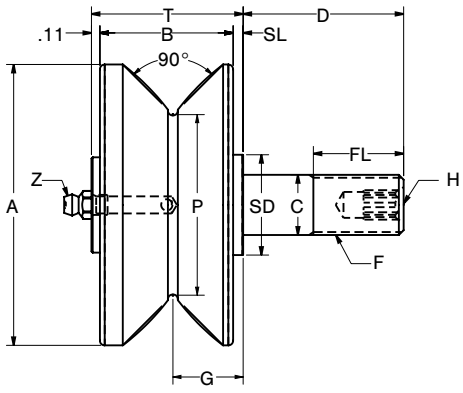
U.S. Patent Number 11,215,224

Solutions Through Innovation

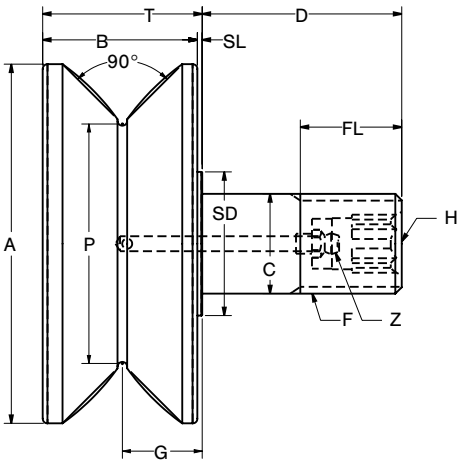
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER			WRENCH FLAT		Lube Size
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.				Dia.	Len.	Len. + Roller Width	Size	Len.	
CVTR-1.50-SSP-R	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	-	1.125	0.5	0.03	0.78	0.312	0.250	1/8 Drive
CVTR-2.00-SSP-R	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	-	1.375	0.6	0.03	0.84	0.375	0.250	1/8 Drive
CVTR-2.50-SSP-R	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	-	1.500	0.9	0.06	1.31	0.625	0.375	1/8-27 NPT
CVTR-3.50-SSP-R	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	-	2.250	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CVTR-3.50E-SSP-R*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	2.250	0.9	0.13	1.90†	-	-	1/4-28 UNF
CVTR-4.50A-SSP-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	3.000	1.5	0.06	2.00	-	-	1/4-28 UNF
CVTR-4.50-SSP-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	3.000	1.8	0.06	2.00	-	-	1/4-28 UNF
CVTR-5.50A-SSP-R	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	5/8	4.000	1.5	0.06	2.00	-	-	1/4-28 UNF
CVTR-5.50-SSP-R	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	5/8	4.000	1.8	0.06	2.00	-	-	1/4-28 UNF
CVTR-6.50-SSP-R	6.50	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	5.000	3.0	0.06	3.00	-	-	1/4-28 UNF
CVTR-7.50-SSP-R	7.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	6.000	3.5	0.06	3.00	-	-	1/4-28 UNF



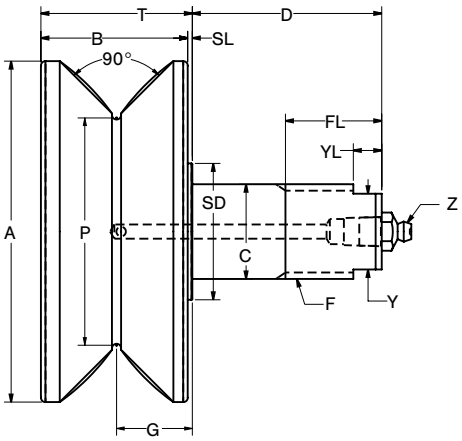
3.50E ROLLER



4.50 ROLLER DIA. AND LARGER



THROUGH 3.50



CVTR-SSP-R – STAINLESS 440c PLUS

Crowned V-Groove – Stud Concentric Ball & Tapered Roller Bearings - Regreasable

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CVTR-1.50-SSP-R	560	270	140	70	24,000	660	390	90	PFC Lip	DGBB-SS	0.33
CVTR-2.00-SSP-R	740	370	190	100	19,000	940	470	90	PFC Lip	DGBB-SS	0.56
CVTR-2.50-SSP-R	2,090	1,350	530	340	15,000	1,060	550	500	PFC Lip	DGBB-SS	1.31
CVTR-3.50-SSP-R	3,940	2,950	990	740	10,000	4,090	900	500	PFC Lip	DGBB-SS	3.44
CVTR-3.50E-SSP-R*	15,040	14,400	4,520	7,390	3,750	3,200	-	1,000	NBR Dual Lip	PREMIUM TRB	3.40
CVTR-4.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	16,930	1,950	1,000	PFC Lip	DGBB-SS	6.85
CVTR-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	13,030	-	1,500	NBR Dual Lip	PREMIUM TRB	6.88
CVTR-5.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	16,930	1,950	1,000	PFC Lip	DGBB-SS	10.82
CVTR-5.50-SSP-R	17,940	20,000	7,410	14,120	2,490	13,030	-	1,500	NBR Dual Lip	PREMIUM TRB	11.04
CVTR-6.50-SSP-R	38,060	58,400	14,350	37,660	1,550	33,280	-	1,500	NBR Dual Lip	PREMIUM TRB	27.42
CVTR-7.50-SSP-R	37,990	56,200	15,320	38,740	1,250	65,000	-	1,500	NBR Dual Lip	PREMIUM TRB	39.14



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CVTRE-SSP – STAINLESS 440c PLUS

Crowned V-Groove – Stud Eccentric Ball & Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

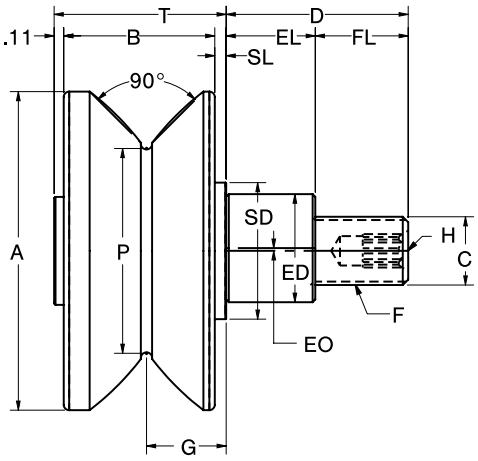
U.S. Patent Number 11,215,224

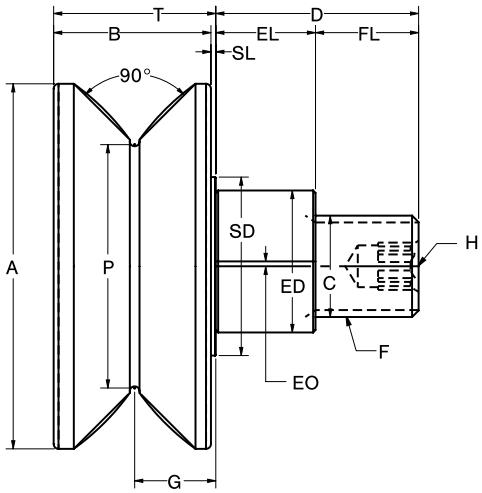
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width
CVTRE-1.50-SSP	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.39	3/16	1.125	0.7	0.03	0.78
CVTRE-2.00-SSP	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.42	3/16	1.375	0.8	0.03	0.84
CVTRE-2.50-SSP	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	5/16	1.500	1.3	0.06	1.31
CVTRE-3.50-SSP	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	5/16	2.250	1.5	0.06	1.69
CVTRE-3.50E*-SSP	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.02	0.88	5/16	2.250	1.5	0.13	1.90†
CVTRE-4.50A-SSP	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	3.000	2.2	0.06	2.00
CVTRE-4.50-SSP	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	3.000	2.2	0.06	2.20
CVTRE-5.50A-SSP	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	1/2	4.000	2.2	0.06	2.00
CVTRE-5.50-SSP	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	1/2	4.000	2.2	0.06	2.00
CVTRE-6.50-SSP	6.50	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	1.50	5/8	5.000	3.3	0.06	3.00
CVTRE-7.50-SSP	7.50	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	1.50	5/8	6.000	3.6	0.06	3.00





3.50-E ROLLER





CVTRE-SSP – STAINLESS 440c PLUS

Crowned V-Groove – Stud Eccentric Ball & Tapered Roller Bearings

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CVTRE-1.50-SSP	560	270	140	70	24,000	660	390	200	PFC Lip	DGBB-SS	0.36
CVTRE-2.00-SSP	740	370	190	100	19,000	940	470	200	PFC Lip	DGBB-SS	0.59
CVTRE-2.50-SSP	2,090	1,350	530	340	15,000	1,060	550	500	PFC Lip	DGBB-SS	1.38
CVTRE-3.50-SSP	3,940	2,950	990	740	10,000	4,090	900	500	PFC Lip	DGBB-SS	3.49
CVTRE-3.50E*-SSP	15,040	14,400	4,520	7,390	3,750	3,200	-	1,000	NBR Dual Lip	PREMIUM TRB	3.51
CVTRE-4.50A-SSP	6,010	5,040	1,510	1,260	8,000	34,620	1,950	1,000	PFC Lip	DGBB-SS	7.31
CVTRE-4.50-SSP	17,940	20,000	7,410	14,120	2,490	13,030	-	1,500	NBR Dual Lip	PREMIUM TRB	7.36
CVTRE-5.50A-SSP	6,010	5,040	1,510	1,260	8,000	34,620	1,950	1,000	PFC Lip	DGBB-SS	11.24
CVTRE-5.50-SSP	17,940	20,000	7,410	14,120	2,490	13,020	-	1,500	NBR Dual Lip	PREMIUM TRB	11.33
CVTRE-6.50-SSP	38,060	58,400	14,350	37,660	1,550	33,280	-	1,500	NBR Dual Lip	PREMIUM TRB	28.81
CVTRE-7.50-SSP	37,990	56,200	15,320	38,740	1,250	65,000	-	1,500	NBR Dual Lip	PREMIUM TRB	41.17



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CVTRE-SSP-R – STAINLESS 440c PLUS

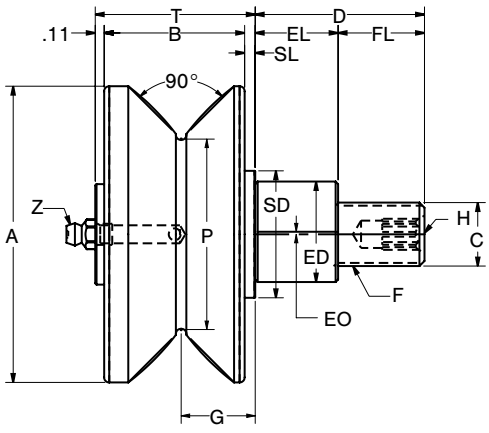
Crowned V-Groove – Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable
∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

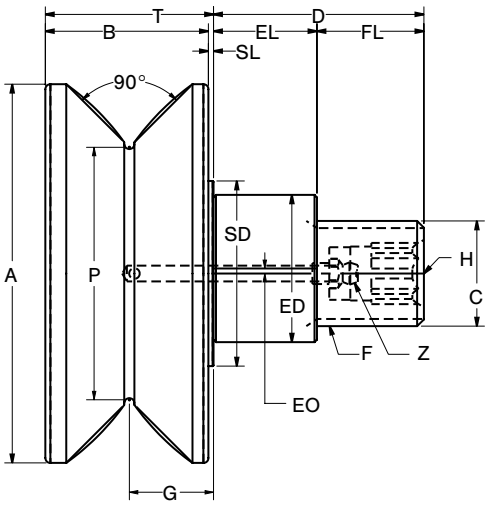
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER			WRENCH FLAT		Lube Size
	Dia.	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
CVTRE-1.50-SSP-R	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.39	-	1.125	0.7	0.03	0.78	0.312	0.250	1/8 Drive
CVTRE-2.00-SSP-R	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.42	-	1.375	0.8	0.03	0.84	0.375	0.250	1/8 Drive
CVTRE-2.50-SSP-R	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	-	1.500	1.3	0.06	1.31	0.625	0.375	1/8-27 NPT
CVTRE-3.50-SSP-R	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	-	2.250	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CVTRE-3.50E-SSP-R*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.02	0.88	5/16	2.250	1.5	0.13	1.90†	-	-	1/4-28 UNF
CVTRE-4.50A-SSP-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	5/8	3.000	2.2	0.06	2.00	-	-	1/4-28 UNF
CVTRE-4.50-SSP-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	5/8	3.000	2.2	0.06	2.20	-	-	1/4-28 UNF
CVTRE-5.50A-SSP-R	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	5/8	4.000	2.2	0.06	2.00	-	-	1/4-28 UNF
CVTRE-5.50-SSP-R	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	5/8	4.000	2.2	0.06	2.00	-	-	1/4-28 UNF
CVTRE-6.50-SSP-R	6.50	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	1.50	5/8	5.000	3.3	0.06	3.00	-	-	1/4-28 UNF
CVTRE-7.50-SSP-R	7.50	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	1.50	5/8	6.000	3.6	0.06	3.00	-	-	1/4-28 UNF



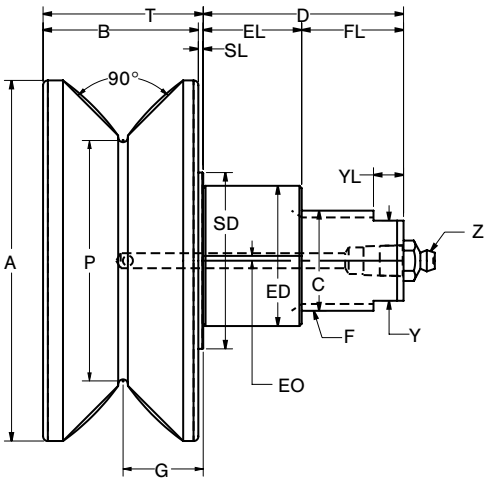
3.50-E ROLLER



4.50 ROLLER DIA. AND LARGER



THROUGH 3.50



CVTRE-SSP-R – STAINLESS 440c PLUS

Crowned V-Groove – Stud Eccentric Ball & Tapered Roller Bearings - Regreasable

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CVTRE-1.50-SSP-R	560	270	140	70	24,000	660	390	200	PFC Lip	DGBB-SS	0.36
CVTRE-2.00-SSP-R	740	370	190	100	19,000	940	470	200	PFC Lip	DGBB-SS	0.59
CVTRE-2.50-SSP-R	2,090	1,350	530	340	15,000	1,060	550	500	PFC Lip	DGBB-SS	1.38
CVTRE-3.50-SSP-R	3,940	2,950	990	740	10,000	4,090	900	500	PFC Lip	DGBB-SS	3.49
CVTRE-3.50E-SSP-R*	15,040	14,400	4,520	7,390	3,750	3,200	-	1,000	NBR Dual Lip	PREMIUM TRB	3.51
CVTRE-4.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	34,620	1,950	1,000	PFC Lip	DGBB-SS	7.31
CVTRE-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	13,030	-	1,500	NBR Dual Lip	PREMIUM TRB	7.36
CVTRE-5.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	34,620	1,950	1,000	PFC Lip	DGBB-SS	11.24
CVTRE-5.50-SSP-R	17,940	20,000	7,410	14,120	2,490	13,020	-	1,500	NBR Dual Lip	PREMIUM TRB	11.33
CVTRE-6.50-SSP-R	38,060	58,400	14,350	37,660	1,550	33,280	-	1,500	NBR Dual Lip	PREMIUM TRB	28.81
CVTRE-7.50-SSP-R	37,990	56,200	15,320	38,740	1,250	65,000	-	1,500	NBR Dual Lip	PREMIUM TRB	41.17



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CVTRY-SSP – STAINLESS 440c PLUS

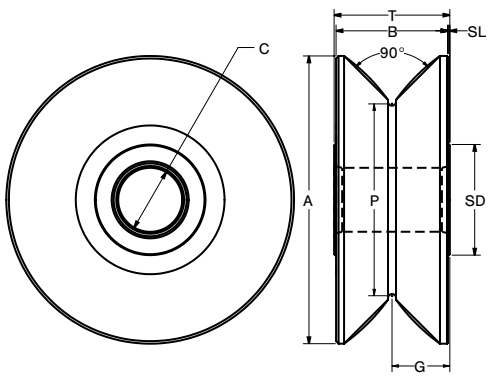
Crowned V-Groove – Yoke
Ball & Tapered Roller Bearings
∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T
	ROLLER		Bore Dia. +.0007 -.0000	Groove Center	Point Dia. +.000 -.001	SHOULDER		Inner Race Width +.005 -.010
	Dia.	Width				Dia.	Len.	
CVTRY-1.50-SSP	1.50	0.63	0.3130	0.34	1.063	0.6	0.03	0.688
CVTRY-1.75-SSP	1.75	0.75	0.3755	0.41	1.313	0.6	0.03	0.813
CVTRY-2.00-SSP	2.00	0.88	0.4380	0.44	1.500	0.9	0.03	0.938
CVTRY-2.50-9-SSP	2.50	0.88	0.4380	0.47	1.750	0.9	0.03	0.938
CVTRY-2.50-SSP	2.50	1.25	0.6255	0.66	2.000	1.1	0.03	1.313
CVTRY-3.00-SSP	3.00	1.25	0.6255	0.66	2.060	1.1	0.03	1.313
CVTRY-3.50-9-SSP	3.50	1.50	0.7505	0.78	2.250	1.2	0.03	1.563
CVTRY-3.50-SSP	3.50	1.63	0.7505	0.84	2.250	1.2	0.03	1.687
CVTRY-3.75A-SSP	3.75	1.50	0.7505	0.78	2.500	1.2	0.03	1.563
CVTRY-3.75-SSP	3.75	1.50	0.7505	0.78	2.500	1.3	0.03	1.563
CVTRY-4.50A-SSP	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813
CVTRY-4.50-SSP	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813
CVTRY-5.00A-SSP	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063
CVTRY-5.00-SSP	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063
CVTRY-5.50A-SSP	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313
CVTRY-5.50-SSP	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313
CVTRY-6.50-SSP	6.50	2.75	1.7508	1.44	5.000	3.2	0.06	2.875
CVTRY-7.50-SSP	7.50	3.25	2.2508	1.69	6.000	3.5	0.06	3.375

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312	YSHE-.312
YSH-.375	YSHE-.375
YSH-.437	YSHE-.437
YSH-.437	YSHE-.437
YSH-.625	YSHE-.625
YSH-.625	YSHE-.625
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-1.000	YSHE-1.000
YSH-1.000	YSHE-1.000
YSH-1.125	YSHE-1.125
YSH-1.125	YSHE-1.125
YSH-1.250	YSHE-1.250
YSH-1.250	YSHE-1.250
YSH-1.750	YSHE-1.750
YSH-2.250	YSHE-2.250





Solutions Through Innovation

CVTRY-SSP – STAINLESS 440c PLUS

Crowned V-Groove – Yoke
Ball & Tapered Roller Bearings
∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (Lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CVTRY-1.50-SSP	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.2
CVTRY-1.75-SSP	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.35
CVTRY-2.00-SSP	1,450	1,150	370	290	19,000	PFC Lip	DGBB-SS	0.54
CVTRY-2.50-9-SSP	1,450	1,150	370	290	19,000	PFC Lip	DGBB-SS	0.82
CVTRY-2.50-SSP	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.30
CVTRY-3.00-SSP	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.69
CVTRY-3.50-9-SSP	3,180	2,630	800	660	9,500	PFC Lip	DGBB-SS	2.70
CVTRY-3.50-SSP	3,180	2,630	800	660	9,500	PFC Lip	DGBB-SS	2.53
CVTRY-3.75A-SSP	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	3.05
CVTRY-3.75-SSP	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	3.08
CVTRY-4.50A-SSP	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	4.88
CVTRY-4.50-SSP	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	5.12
CVTRY-5.00A-SSP	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	7.48
CVTRY-5.00-SSP	18,670	27,200	6,210	15,480	2,490	NBR Dual Lip	PREMIUM TRB	7.61
CVTRY-5.50A-SSP	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	11.06
CVTRY-5.50-SSP	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	11.56
CVTRY-6.50-SSP	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	20.40
CVTRY-7.50-SSP	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	31.14





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CVTRY-SSP-R – STAINLESS 440c PLUS

Crowned V-Groove – Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ | *Infinity Roller™ Technology*

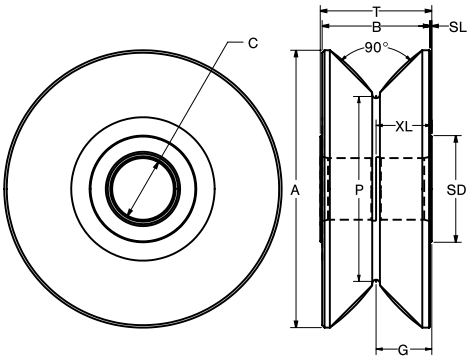
U.S. Patent Number 11,215,224

Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T	XL
	ROLLER					SHOULDER			
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Point Dia. +.000 -.001	Dia.	Len.	Inner Race Width +.005 -.010	Grease Groove Location
CVTRY-1.50-SSP-R	1.50	0.63	0.3130	0.34	1.063	0.6	0.03	0.688	0.34
CVTRY-1.75-SSP-R	1.75	0.75	0.3755	0.41	1.313	0.6	0.03	0.813	0.41
CVTRY-2.00-SSP-R	2.00	0.88	0.4380	0.44	1.500	0.9	0.03	0.938	0.44
CVTRY-2.50-9-SSP-R	2.50	0.88	0.4380	0.47	1.750	0.9	0.03	0.937	0.47
CVTRY-2.50-SSP-R	2.50	1.25	0.6255	0.66	2.000	1.1	0.03	1.313	0.66
CVTRY-3.00-SSP-R	3.00	1.25	0.6255	0.66	2.060	1.1	0.03	1.313	0.66
CVTRY-3.50-9-SSP-R	3.50	1.50	0.7505	0.78	2.250	1.2	0.03	1.563	0.78
CVTRY-3.50-SSP-R	3.50	1.63	0.7505	0.84	2.250	1.2	0.03	1.687	0.78
CVTRY-3.75A-SSP-R	3.75	1.50	0.7505	0.78	2.500	1.2	0.03	1.563	0.78
CVTRY-3.75-SSP-R	3.75	1.50	0.7505	0.78	2.500	1.3	0.03	1.563	0.78
CVTRY-4.50A-SSP-R	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813	0.91
CVTRY-4.50-SSP-R	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813	0.91
CVTRY-5.00A-SSP-R	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063	1.03
CVTRY-5.00-SSP-R	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063	1.03
CVTRY-5.50A-SSP-R	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313	1.16
CVTRY-5.50-SSP-R	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313	1.16
CVTRY-6.50-SSP-R	6.50	2.75	1.7508	1.44	5.000	3.2	0.06	2.875	1.44
CVTRY-7.50-SSP-R	7.50	3.25	2.2508	1.69	6.000	3.5	0.06	3.375	1.69

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.312-R	YSHE-.312-R
YSH-.375-R	YSHE-.375-R
YSH-.437-R	YSHE-.437-R
YSH-.437-R	YSHE-.437-R
YSH-.625-R	YSHE-.625-R
YSH-.625-R	YSHE-.625-R
YSH-.750-R	YSHE-.750-R
YSH-.750-R	YSHE-.750-R
YSH-.750-R	YSHE-.750-R
YSH-.750-R	YSHE-.750-R
YSH-1.000-R	YSHE-1.000-R
YSH-1.000-R	YSHE-1.000-R
YSH-1.125-R	YSHE-1.125-R
YSH-1.125-R	YSHE-1.125-R
YSH-1.250-R	YSHE-1.250-R
YSH-1.250-R	YSHE-1.250-R
YSH-1.750-R	YSHE-1.750-R
YSH-2.250-R	YSHE-2.250-R





CVTRY-SSP-R – STAINLESS 440c PLUS

Crowned V-Groove – Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ | *Infinity Roller™ Technology*

U.S. Patent Number 11,215,224

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CVTRY-1.50-SSP-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.2
CVTRY-1.75-SSP-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.35
CVTRY-2.00-SSP-R	1,450	1,150	370	290	19,000	PFC Lip	DGBB-SS	0.54
CVTRY-2.50-9-SSP-R	1,450	1,150	370	290	19,000	PFC Lip	DGBB-SS	0.82
CVTRY-2.50-SSP-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.30
CVTRY-3.00-SSP-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.69
CVTRY-3.50-9-SSP-R	3,180	2,630	800	660	9,500	PFC Lip	DGBB-SS	2.70
CVTRY-3.50-SSP-R	3,180	2,630	800	660	9,500	PFC Lip	DGBB-SS	2.53
CVTRY-3.75A-SSP-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	3.05
CVTRY-3.75-SSP-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	3.08
CVTRY-4.50A-SSP-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	4.88
CVTRY-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	5.12
CVTRY-5.00A-SSP-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	7.48
CVTRY-5.00-SSP-R	18,670	27,200	6,210	15,480	2,490	NBR Dual Lip	PREMIUM TRB	7.61
CVTRY-5.50A-SSP-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	11.06
CVTRY-5.50-SSP-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	11.56
CVTRY-6.50-SSP-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	20.40
CVTRY-7.50-SSP-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	31.14





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

VTR-SSP – STAINLESS 440c PLUS

V-Groove – Stud Concentric Ball & Tapered Roller Bearings

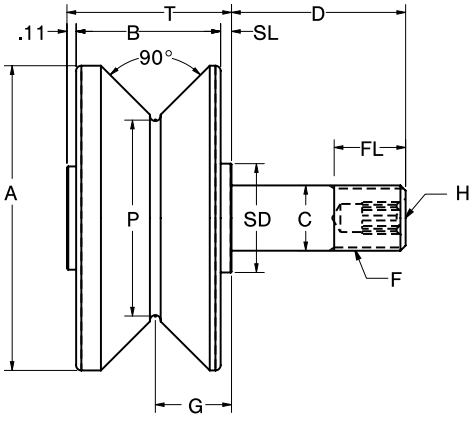
∞ Infinity Roller™ Technology

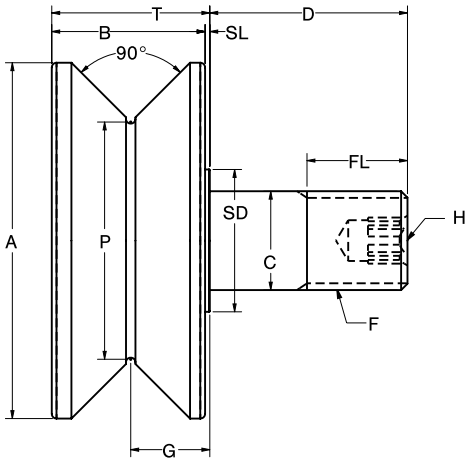
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.				Dia.	len.	Len. + Roller Width
VTR-1.50-SSP	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	3/16	1.125	0.5	0.03	0.78
VTR-2.00-SSP	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	3/16	1.375	0.6	0.03	0.84
VTR-2.50-SSP	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	1.500	0.9	0.06	1.31
VTR-3.50-SSP	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	2.250	1.0	0.06	1.69
VTR-3.50E-SSP*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	2.250	0.9	0.13	1.90†
VTR-4.50A-SSP	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.5	0.06	2.00
VTR-4.50-SSP	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.8	0.06	2.00
VTR-5.50A-SSP	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.5	0.06	2.00
VTR-5.50-SSP	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.8	0.06	2.00
VTR-6.50-SSP	6.50	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	5.000	3.0	0.06	3.00
VTR-7.50-SSP	7.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	6.000	3.5	0.06	3.00





3.50-E ROLLER





VTR-SSP – STAINLESS 440c PLUS

V-Groove – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTR-1.50-SSP	560	270	140	70	24,000	660	390	90	PFC Lip	DGBB-SS	0.33
VTR-2.00-SSP	740	370	190	100	19,000	940	470	90	PFC Lip	DGBB-SS	0.56
VTR-2.50-SSP	2,090	1,350	530	340	15,000	1,060	550	500	PFC Lip	DGBB-SS	1.31
VTR-3.50-SSP	3,940	2,950	990	740	10,000	1,090	900	500	PFC Lip	DGBB-SS	3.44
VTR-3.50E-SSP*	15,040	14,400	4,520	7,390	3,750	3,200	-	1,000	NBR Dual Lip	PREMIUM TRB	3.40
VTR-4.50A-SSP	6,010	5,040	1,510	1,260	8,000	16,930	1,950	1,000	PFC Lip	DGBB-SS	6.85
VTR-4.50-SSP	17,940	20,000	7,410	14,120	2,490	13,030	-	1,500	NBR Dual Lip	PREMIUM TRB	6.88
VTR-5.50A-SSP	6,010	5,040	1,510	1,260	8,000	16,930	1,950	1,000	PFC Lip	DGBB-SS	10.82
VTR-5.50-SSP	17,940	20,000	7,410	14,120	2,490	13,030	-	1,500	NBR Dual Lip	PREMIUM TRB	11.04
VTR-6.50-SSP	38,060	58,400	14,350	37,660	1,550	33,280	-	1,500	NBR Dual Lip	PREMIUM TRB	27.42
VTR-7.50-SSP	37,990	56,200	15,320	38,740	1,250	65,000	-	1,500	NBR Dual Lip	PREMIUM TRB	39.14





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

VTR-SSP-R – STAINLESS 440c PLUS

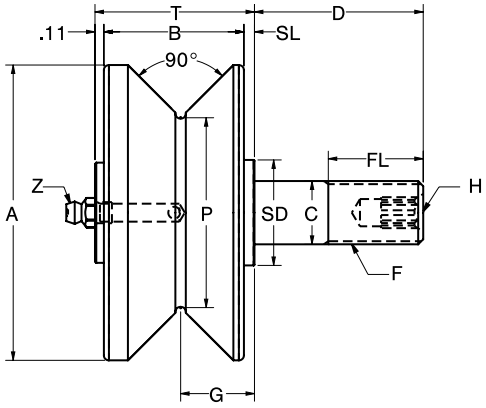
V-Groove – Stud Concentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

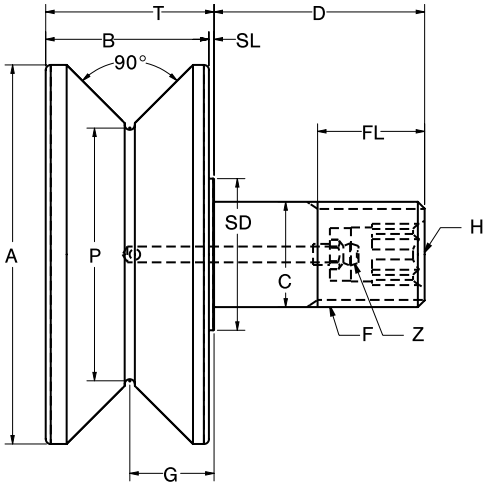
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER			WRENCH FLAT		Lube Size
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.				Dia.	len.	Len. + Roller Width	Size	Len.	
VTR-1.50-SSP-R	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	-	1.125	0.5	0.03	0.78	0.312	0.250	1/8 Drive
VTR-2.00-SSP-R	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	-	1.375	0.6	0.03	0.84	0.375	0.250	1/8 Drive
VTR-2.50-SSP-R	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	-	1.500	0.9	0.06	1.31	0.625	0.375	1/8-27 NPT
VTR-3.50-SSP-R	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	-	2.250	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
VTR-3.50E-SSP-R*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	2.250	0.9	0.13	1.90†	-	-	1/4-28 UNF
VTR-4.50A-SSP-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	3.000	1.5	0.06	2.00	-	-	1/4-28 UNF
VTR-4.50-SSP-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	3.000	1.8	0.06	2.00	-	-	1/4-28 UNF
VTR-5.50A-SSP-R	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	5/8	4.000	1.5	0.06	2.00	-	-	1/4-28 UNF
VTR-5.50-SSP-R	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	5/8	4.000	1.8	0.06	2.00	-	-	1/4-28 UNF
VTR-6.50-SSP-R	6.50	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	5.000	3.0	0.06	3.00	-	-	1/4-28 UNF
VTR-7.50-SSP-R	7.50	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	6.000	3.5	0.06	3.00	-	-	1/4-28 UNF



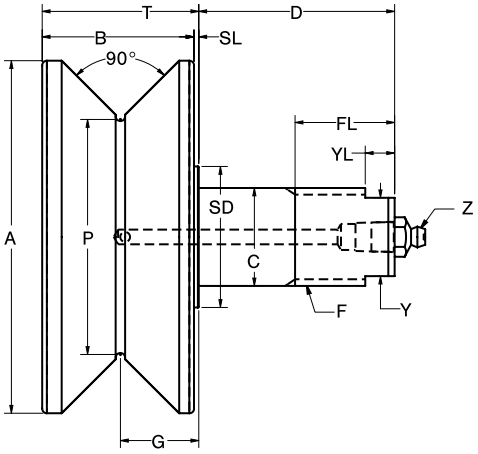
3.50-E ROLLER



4.50 ROLLER DIA. AND LARGER



THROUGH 3.50



VTR-SSP-R – STAINLESS 440c PLUS

V-Groove – Stud Concentric Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTR-1.50-SSP-R	560	270	140	70	24,000	660	390	90	PFC Lip	DGBB-SS	0.33
VTR-2.00-SSP-R	740	370	190	100	19,000	940	470	90	PFC Lip	DGBB-SS	0.56
VTR-2.50-SSP-R	2,090	1,350	530	340	15,000	1,060	550	500	PFC Lip	DGBB-SS	1.31
VTR-3.50-SSP-R	3,940	2,950	990	740	10,000	1,090	900	500	PFC Lip	DGBB-SS	3.44
VTR-3.50E-SSP-R*	15,040	14,400	4,520	7,390	3,750	3,200	-	1,000	NBR Dual Lip	PREMIUM TRB	3.40
VTR-4.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	16,930	1,950	1,000	PFC Lip	DGBB-SS	6.85
VTR-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	13,030	-	1,500	NBR Dual Lip	PREMIUM TRB	6.88
VTR-5.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	16,930	1,950	1,000	PFC Lip	DGBB-SS	10.82
VTR-5.50-SSP-R	17,940	20,000	7,410	14,120	2,490	13,030	-	1,500	NBR Dual Lip	PREMIUM TRB	11.04
VTR-6.50-SSP-R	38,060	58,400	14,350	37,660	1,550	33,280	-	1,500	NBR Dual Lip	PREMIUM TRB	27.42
VTR-7.50-SSP-R	37,990	56,200	15,320	38,740	1,250	65,000	-	1,500	NBR Dual Lip	PREMIUM TRB	39.14



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

VTRE-SSP – STAINLESS 440c PLUS

V-Groove – Stud Eccentric Ball & Tapered Roller Bearings

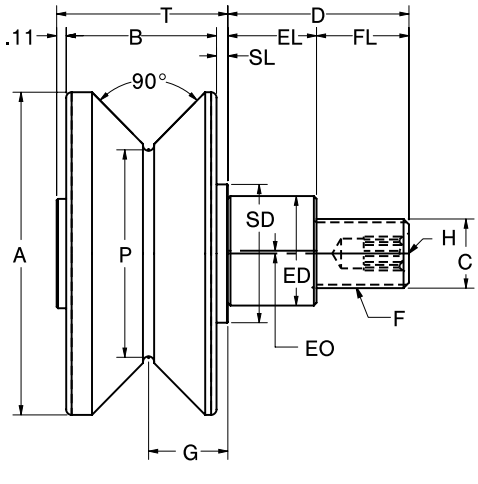
∞ Infinity Roller™ Technology

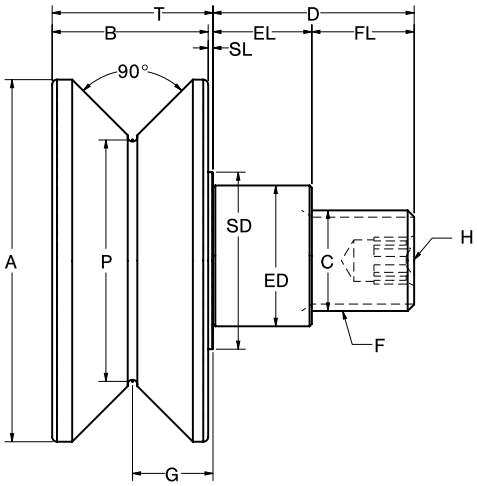
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width
VTRE-1.50-SSP	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.50	0.39	3/16	1.125	0.7	0.03	0.78
VTRE-2.00-SSP	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.63	0.42	3/16	1.375	0.8	0.03	0.84
VTRE-2.50-SSP	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.88	0.69	5/16	1.500	1.3	0.06	1.31
VTRE-3.50-SSP	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.13	0.88	5/16	2.250	1.5	0.06	1.69
VTRE-3.50E-SSP*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.13	0.88	5/16	2.250	1.5	0.13	1.90†
VTRE-4.50A-SSP	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.75	1.00	1/2	3.000	2.2	0.06	2.00
VTRE-4.50-SSP	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.75	1.00	1/2	3.000	2.2	0.06	2.00
VTRE-5.50A-SSP	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.75	1.00	1/2	4.000	2.2	0.06	2.00
VTRE-5.50-SSP	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.75	1.00	1/2	4.000	2.2	0.06	2.00
VTRE-6.50-SSP	6.50	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.50	1.50	5/8	5.000	3.3	0.06	3.00
VTRE-7.50-SSP	7.50	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	3.25	1.50	5/8	6.000	3.6	0.06	3.00





3.50-E ROLLER





VTRE-SSP – STAINLESS 440c PLUS

V-Groove – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRE-1.50-SSP	560	270	140	70	24,000	660	390	200	PFC Lip	DGBB-SS	0.36
VTRE-2.00-SSP	740	370	190	100	19,000	940	470	200	PFC Lip	DGBB-SS	0.59
VTRE-2.50-SSP	2,090	1,350	530	340	15,000	1,060	550	500	PFC Lip	DGBB-SS	1.38
VTRE-3.50-SSP	3,940	2,950	990	740	10,000	4,090	900	500	PFC Lip	DGBB-SS	3.49
VTRE-3.50E-SSP*	15,040	14,400	4,520	7,390	3,750	3,200	-	1,500	NBR Dual Lip	PREMIUM TRB	3.51
VTRE-4.50A-SSP	6,010	5,040	1,510	1,260	8,000	34,620	1,950	1,000	PFC Lip	DGBB-SS	7.31
VTRE-4.50-SSP	17,940	20,000	7,410	14,120	2,490	13,030	-	1,500	NBR Dual Lip	PREMIUM TRB	7.36
VTRE-5.50A-SSP	6,010	5,040	1,510	1,260	8,000	34,620	1,950	1,000	PFC Lip	DGBB-SS	11.24
VTRE-5.50-SSP	17,940	20,000	7,410	14,120	2,490	13,020	-	1,500	NBR Dual Lip	PREMIUM TRB	11.33
VTRE-6.50-SSP	38,060	58,400	14,350	37,660	1,550	33,280	-	1,500	NBR Dual Lip	PREMIUM TRB	28.81
VTRE-7.50-SSP	37,990	56,200	15,320	38,740	1,250	65,000	-	1,500	NBR Dual Lip	PREMIUM TRB	41.17



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

VTRE-SSP-R – STAINLESS 440c PLUS

V-Groove – Stud Eccentric

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

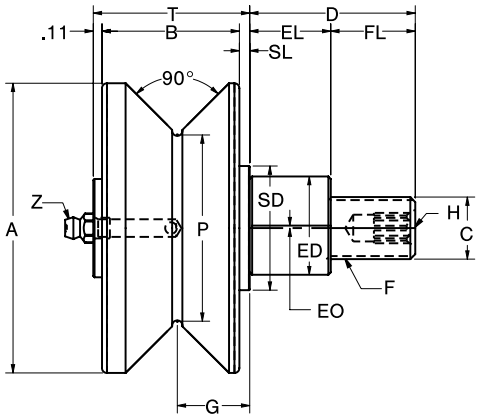
Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER			WRENCH FLAT		Lube Size
	Dia.	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width	Size	Len.	
VTRE-1.50-SSP-R	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.50	0.39	-	1.125	0.7	0.03	0.78	0.312	0.250	1/8 Drive
VTRE-2.00-SSP-R	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.63	0.42	-	1.375	0.8	0.03	0.84	0.375	0.250	1/8 Drive
VTRE-2.50-SSP-R	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.88	0.69	-	1.500	1.3	0.06	1.31	0.625	0.375	1/8-27 NPT
VTRE-3.50-SSP-R	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.13	0.88	-	2.250	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
VTRE-3.50E-SSP-R*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.13	0.88	5/16	2.250	1.5	0.13	1.90†	-	-	1/4-28 UNF
VTRE-4.50A-SSP-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.75	1.00	5/8	3.000	2.2	0.06	2.00	-	-	1/4-28 UNF
VTRE-4.50-SSP-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.75	1.00	5/8	3.000	2.2	0.06	2.00	-	-	1/4-28 UNF
VTRE-5.50A-SSP-R	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.75	1.00	5/8	4.000	2.2	0.06	2.00	-	-	1/4-28 UNF
VTRE-5.50-SSP-R	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.75	1.00	5/8	4.000	2.2	0.06	2.00	-	-	1/4-28 UNF
VTRE-6.50-SSP-R	6.50	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.50	1.50	5/8	5.000	3.3	0.06	3.00	-	-	1/4-28 UNF
VTRE-7.50-SSP-R	7.50	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	3.25	1.50	5/8	6.000	3.6	0.06	3.00	-	-	1/4-28 UNF

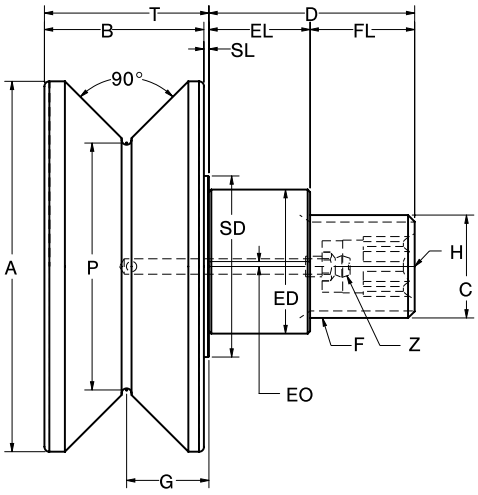




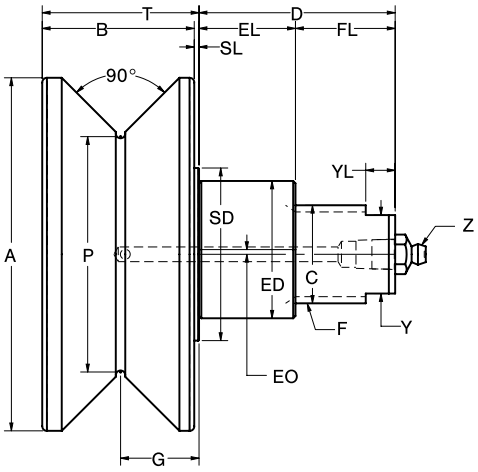
3.50-E ROLLER



4.50 ROLLER DIA. AND LARGER



THROUGH 3.50



VTRE-SSP-R – STAINLESS 440c PLUS

V-Groove – Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRE-1.50-SSP-R	560	270	140	70	24,000	660	390	200	PFC Lip	DGBB-SS	0.36
VTRE-2.00-SSP-R	740	370	190	100	19,000	940	470	200	PFC Lip	DGBB-SS	0.59
VTRE-2.50-SSP-R	2,090	1,350	530	340	15,000	1,060	550	500	PFC Lip	DGBB-SS	1.38
VTRE-3.50-SSP-R	3,940	2,950	990	740	10,000	4,090	900	500	PFC Lip	DGBB-SS	3.49
VTRE-3.50E-SSP-R*	15,040	14,400	4,520	7,390	3,750	3,200	-	1,500	NBR Dual Lip	PREMIUM TRB	3.51
VTRE-4.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	34,620	1,950	1,000	PFC Lip	DGBB-SS	7.31
VTRE-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	13,030	-	1,500	NBR Dual Lip	PREMIUM TRB	7.36
VTRE-5.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	34,620	1,950	1,000	PFC Lip	DGBB-SS	11.24
VTRE-5.50-SSP-R	17,940	20,000	7,410	14,120	2,490	13,020	-	1,500	NBR Dual Lip	PREMIUM TRB	11.33
VTRE-6.50-SSP-R	38,060	58,400	14,350	37,660	1,550	33,280	-	1,500	NBR Dual Lip	PREMIUM TRB	28.81
VTRE-7.50-SSP-R	37,990	56,200	15,320	38,740	1,250	65,000	-	1,500	NBR Dual Lip	PREMIUM TRB	41.17





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

Solutions Through Innovation

VTRY-SSP – STAINLESS 440c PLUS

V-Groove - Yoke

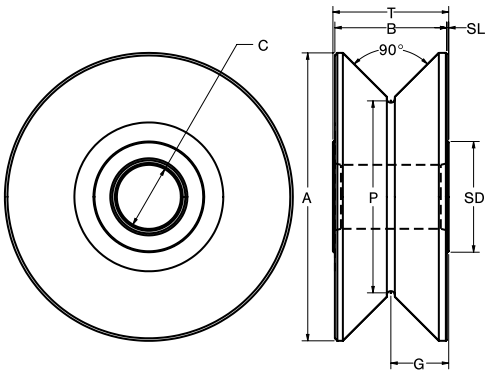
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	Groove Center	Point Dia. +.000 -.001	SHOULDER		Inner Race Width +.005 -.010	Concentric Shaft	Eccentric Shaft
	Dia.	Width				Dia.	Len.			
VTRY-1.50-SSP	1.50	0.63	0.3130	0.34	1.063	0.6	0.03	0.688	YSH-.312-SS	YSHE-.312-SS
VTRY-1.75-SSP	1.75	0.75	0.3755	0.41	1.313	0.6	0.03	0.813	YSH-.375-SS	YSHE-.375-SS
VTRY-2.00-SSP	2.00	0.88	0.4380	0.44	1.500	0.9	0.03	0.938	YSH-.437-SS	YSHE-.437-SS
VTRY-2.50-9-SSP	2.50	0.88	0.4380	0.47	1.750	0.9	0.03	0.938	YSH-.437-SS	YSHE-.437-SS
VTRY-2.50-SSP	2.50	1.25	0.6255	0.66	2.000	1.1	0.03	1.313	YSH-.625-SS	YSHE-.625-SS
VTRY-3.00-SSP	3.00	1.25	0.6255	0.66	2.060	1.1	0.03	1.313	YSH-.625-SS	YSHE-.625-SS
VTRY-3.50-SSP	3.50	1.50	0.7505	0.78	2.250	1.2	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
VTRY-3.50-9-SSP	3.50	1.63	0.7505	0.84	2.250	1.2	0.03	1.687	YSH-.750-SS	YSHE-.750-SS
VTRY-3.75A-SSP	3.75	1.50	0.7505	0.78	2.500	1.2	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
VTRY-3.75-SSP	3.75	1.50	0.7505	0.78	2.500	1.3	0.03	1.563	YSH-.750-SS	YSHE-.750-SS
VTRY-4.50A-SSP	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
VTRY-4.50-SSP	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813	YSH-1.000-SS	YSHE-1.000-SS
VTRY-5.00A-SSP	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063	YSH-1.125-SS	YSHE-1.125-SS
VTRY-5.00-SSP	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063	YSH-1.125-SS	YSHE-1.125-SS
VTRY-5.50A-SSP	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313	YSH-1.250-SS	YSHE-1.250-SS
VTRY-5.50-SSP	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313	YSH-1.250-SS	YSHE-1.250-SS
VTRY-6.50-SSP	6.50	2.75	1.7508	1.44	5.000	3.2	0.06	2.875	YSH-1.750-SS	YSHE-1.750-SS
VTRY-7.50-SSP	7.50	3.25	2.2508	1.69	6.000	3.5	0.06	3.375	YSH-2.250-SS	YSHE-2.250-SS







VTRY-SSP – STAINLESS 440c PLUS

V-Groove - Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRY-1.50-SSP	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.2
VTRY-1.75-SSP	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.35
VTRY-2.00-SSP	1,450	1,150	370	290	19,000	PFC Lip	DGBB-SS	0.54
VTRY-2.50-9-SSP	1,450	1,150	370	290	19,000	PFC Lip	DGBB-SS	0.82
VTRY-2.50-SSP	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.30
VTRY-3.00-SSP	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.69
VTRY-3.50-SSP	3,180	2,630	800	660	9,500	PFC Lip	DGBB-SS	2.70
VTRY-3.50-9-SSP	3,180	2,630	800	660	9,500	PFC Lip	DGBB-SS	2.53
VTRY-3.75A-SSP	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	3.05
VTRY-3.75-SSP	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	3.08
VTRY-4.50A-SSP	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	4.88
VTRY-4.50-SSP	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	5.12
VTRY-5.00A-SSP	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	7.48
VTRY-5.00-SSP	18,670	27,200	6,210	15,480	2,490	NBR Dual Lip	PREMIUM TRB	7.61
VTRY-5.50A-SSP	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	11.06
VTRY-5.50-SSP	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	11.56
VTRY-6.50-SSP	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	20.40
VTRY-7.50-SSP	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	31.14





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

VTRY-SSP-R – STAINLESS 440c PLUS

V-Groove - Yoke

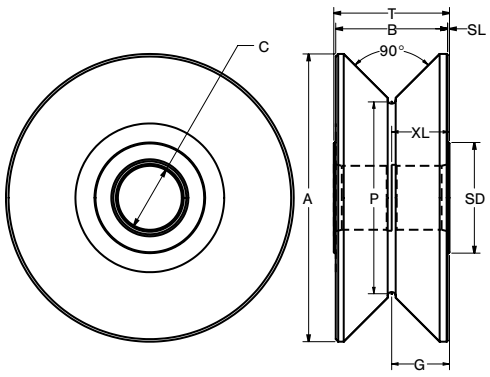
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	Groove Center	Point Dia. +.000 -.001	SHOULDER		Inner Race Width +.005 -.010	Grease Groove Location	Concentric Shaft	Eccentric Shaft
	Dia.	Width				Dia.	Len.				
VTRY-1.50-SSP-R	1.50	0.63	0.3130	0.34	1.063	0.6	0.03	0.688	0.34	YSH-.312-SS-R	YSHE-.312-SS-R
VTRY-1.75-SSP-R	1.75	0.75	0.3755	0.41	1.313	0.6	0.03	0.813	0.41	YSH-.375-SS-R	YSHE-.375-SS-R
VTRY-2.00-SSP-R	2.00	0.88	0.4380	0.44	1.500	0.9	0.03	0.938	0.44	YSH-.437-SS-R	YSHE-.437-SS-R
VTRY-2.50-9-SSP-R	2.50	0.88	0.4380	0.47	1.750	0.9	0.03	0.938	0.47	YSH-.437-SS-R	YSHE-.437-SS-R
VTRY-2.50-SSP-R	2.50	1.25	0.6255	0.66	2.000	1.1	0.03	1.313	0.66	YSH-.625-SS-R	YSHE-.625-SS-R
VTRY-3.00-SSP-R	3.00	1.25	0.6255	0.66	2.060	1.1	0.03	1.313	0.66	YSH-.625-SS-R	YSHE-.625-SS-R
VTRY-3.50-SSP-R	3.50	1.63	0.7505	0.84	2.250	1.2	0.03	1.687	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
VTRY-3.50-9-SSP-R	3.50	1.63	0.7505	0.84	2.250	1.2	0.03	1.687	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
VTRY-3.75A-SSP-R	3.75	1.50	0.7505	0.78	2.500	1.2	0.03	1.563	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
VTRY-3.75-SSP-R	3.75	1.50	0.7505	0.78	2.500	1.3	0.03	1.563	0.78	YSH-.750-SS-R	YSHE-.750-SS-R
VTRY-4.50A-SSP-R	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
VTRY-4.50-SSP-R	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
VTRY-5.00A-SSP-R	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063	1.03	YSH-1.125-SS-R	YSHE-1.125-SS-R
VTRY-5.00-SSP-R	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063	1.03	YSH-1.125-SS-R	YSHE-1.125-SS-R
VTRY-5.50A-SSP-R	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313	1.16	YSH-1.250-SS-R	YSHE-1.250-SS-R
VTRY-5.50-SSP-R	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313	1.16	YSH-1.250-SS-R	YSHE-1.250-SS-R
VTRY-6.50-SSP-R	6.50	2.75	1.7508	1.44	5.000	3.2	0.06	2.875	1.44	YSH-1.750-SS-R	YSHE-1.750-SS-R
VTRY-7.50-SSP-R	7.50	3.25	2.2508	1.69	6.000	3.5	0.06	3.375	1.69	YSH-2.250-SS-R	YSHE-2.250-SS-R





VTRY-SSP-R – STAINLESS 440c PLUS

V-Groove - Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
VTRY-1.50-SSP-R	510	360	130	90	20,000	PFC Lip	DGBB-SS	0.2
VTRY-1.75-SSP-R	920	660	230	170	20,000	PFC Lip	DGBB-SS	0.35
VTRY-2.00-SSP-R	1,450	1,150	370	290	19,000	PFC Lip	DGBB-SS	0.54
VTRY-2.50-9-SSP-R	1,450	1,150	370	290	19,000	PFC Lip	DGBB-SS	0.82
VTRY-2.50-SSP-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.30
VTRY-3.00-SSP-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.69
VTRY-3.50-SSP-R	3,180	2,630	800	660	9,500	PFC Lip	DGBB-SS	2.70
VTRY-3.50-9-SSP-R	3,180	2,630	800	660	9,500	PFC Lip	DGBB-SS	2.53
VTRY-3.75A-SSP-R	4,270	3,440	1,070	860	8,500	PFC Lip	DGBB-SS	3.05
VTRY-3.75-SSP-R	13,720	14,800	5,130	9,470	2,100	NBR Dual Lip	PREMIUM TRB	3.08
VTRY-4.50A-SSP-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	4.88
VTRY-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	5.12
VTRY-5.00A-SSP-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	7.48
VTRY-5.00-SSP-R	18,670	27,200	6,210	15,480	2,490	NBR Dual Lip	PREMIUM TRB	7.61
VTRY-5.50A-SSP-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	11.06
VTRY-5.50-SSP-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	11.56
VTRY-6.50-SSP-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	20.40
VTRY-7.50-SSP-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	31.14





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

UTR-SSP – STAINLESS 440c PLUS

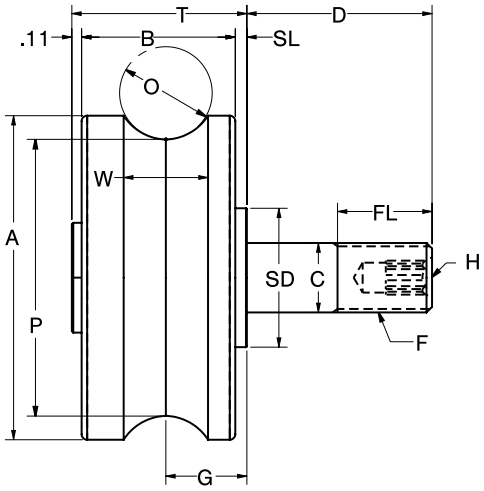
U-Groove - Stud Concentric Ball & Tapered Roller Bearings

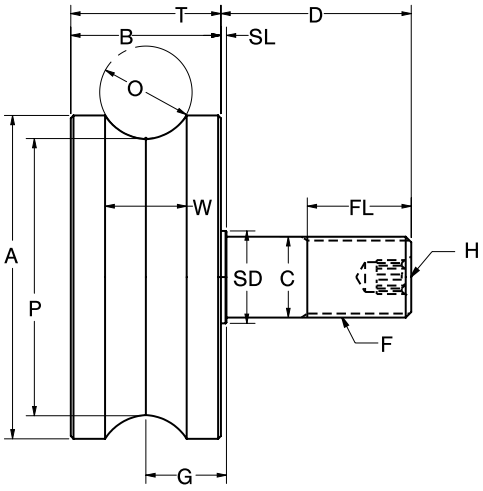
∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	O	P	SD	SL	T	W
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	SHOULDER			Trend Width
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.					Dia.	Len.	Len. + Roller Width	
UTR-1.50-SSP	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.41	3/16	1/2	1.250	0.5	0.03	0.78	0.43
UTR-1.75-SSP	1.75	0.75	0.437	1.00	7/16 - 20	0.50	0.41	3/16	1/2	1.500	0.5	0.03	0.78	0.43
UTR-2.00-SSP	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.44	3/16	5/8	1.750	0.6	0.03	0.84	0.50
UTR-2.50-SSP	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	3/4	2.000	0.9	0.06	1.31	0.71
UTR-3.50-SSP	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	1	3.000	1.0	0.06	1.69	0.87
UTR-3.50E-SSP*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	1	3.000	0.9	0.13	1.90†	0.87
UTR-4.50A-SSP	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	1	4.000	1.5	0.06	2.00	0.87
UTR-4.50-SSP	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	1	4.000	1.8	0.06	2.00	0.87
UTR-5.50-SSP	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	1 1/4	5.000	1.8	0.06	2.00	1.00
UTR-6.00-SSP	5.94	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	1 1/2	5.000	3.0	0.06	3.00	1.39
UTR-7.00-SSP	6.94	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	2	6.000	3.5	0.06	3.00	1.69



3.50-E ROLLER





UTR-SSP – STAINLESS 440c PLUS

U-Groove - Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTR-1.50-SSP	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.33
UTR-1.75-SSP	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.46
UTR-2.00-SSP	740	370	190	100	19,000	680	470	90	PFC Lip	DGBB-SS	0.64
UTR-2.50-SSP	2,090	1,350	530	340	15,000	1,060	550	500	PFC Lip	DGBB-SS	1.54
UTR-3.50-SSP	3,940	2,950	990	740	10,000	4,090	900	500	PFC Lip	DGBB-SS	4.05
UTR-3.50E-SSP*	15,040	14,400	4,520	7,390	3,750	3,200	-	1,000	NBR Dual Lip	PREMIUM TRB	4.05
UTR-4.50A-SSP	6,010	5,040	1,510	1,260	8,000	16,930	1,950	1,000	PFC Lip	DGBB-SS	8.31
UTR-4.50-SSP	17,940	20,000	7,410	14,120	2,490	13,120	-	1,500	NBR Dual Lip	PREMIUM TRB	8.52
UTR-5.50-SSP	17,940	20,000	7,410	14,120	2,490	13,120	-	1,500	NBR Dual Lip	PREMIUM TRB	12.78
UTR-6.00-SSP	38,060	58,400	14,350	37,660	1,550	33,280	-	1,500	NBR Dual Lip	PREMIUM TRB	23.22
UTR-7.00-SSP	37,990	56,200	15,320	38,740	1,250	65,000	-	1,500	NBR Dual Lip	PREMIUM TRB	33.45





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

UTR-SSP-R – STAINLESS 440c PLUS

U-Groove - Stud Concentric

Ball & Tapered Roller Bearings - Regreasable

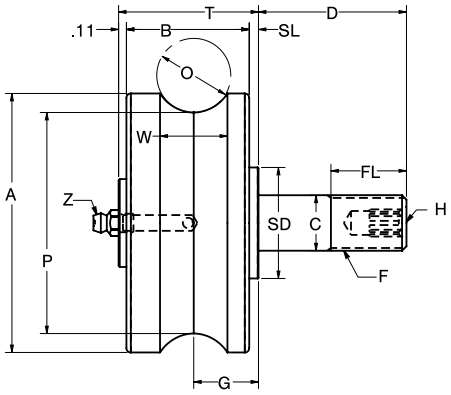
∞ Infinity Roller™ Technology

Solutions Through Innovation

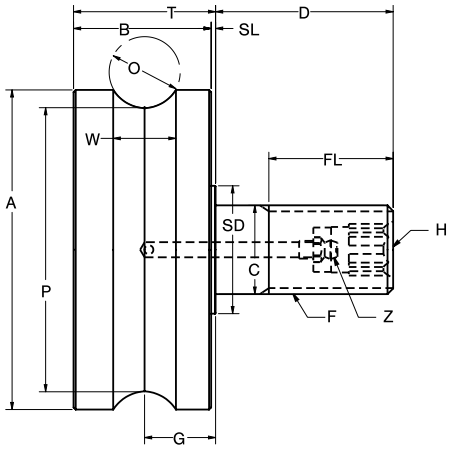
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	O	P	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	SHOULDER			Tread Width	WRENCH FLAT		Lube Size
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.					Dia.	Width	Dia.		Len.	Len. + Roller Width	
UTR-1.50-SSP-R	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.41	-	1/2	1.250	0.5	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTR-1.75-SSP-R	1.75	0.75	0.437	1.00	7/16 - 20	0.50	0.41	-	1/2	1.500	0.5	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTR-2.00-SSP-R	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.44	-	5/8	1.750	0.6	0.03	0.84	0.50	0.375	0.250	1/8 Drive
UTR-2.50-SSP-R	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	-	3/4	2.000	0.9	0.06	1.31	0.71	0.625	0.375	1/8-27 NPT
UTR-3.50-SSP-R	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	-	1	3.000	1.0	0.06	1.69	0.87	0.625	0.375	1/8-27 NPT
UTR-3.50E-SSP-R*	3.50	1.65	0.750	2.00	3/4 - 16	1.13	0.88	5/16	1	3.000	0.9	0.13	1.90†	0.87	-	-	1/4-28 UNF
UTR-4.50A-SSP-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	1	4.000	1.5	0.06	2.00	0.87	-	-	1/4-28 UNF
UTR-4.50-SSP-R	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	5/8	1	4.000	1.8	0.06	2.00	0.87	-	-	1/4-28 UNF
UTR-5.50-SSP-R	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	5/8	1 1/4	5.000	1.8	0.06	2.00	1.00	-	-	1/4-28 UNF
UTR-6.00-SSP-R	5.94	2.94	2.000	4.50	2 - 12	2.50	1.50	5/8	1 1/2	5.000	3.0	0.06	3.00	1.39	-	-	1/4-28 UNF
UTR-7.00-SSP-R	6.94	2.94	2.500	5.50	2 1/2 - 12	3.25	1.50	5/8	2	6.000	3.5	0.06	3.00	1.69	-	-	1/4-28 UNF



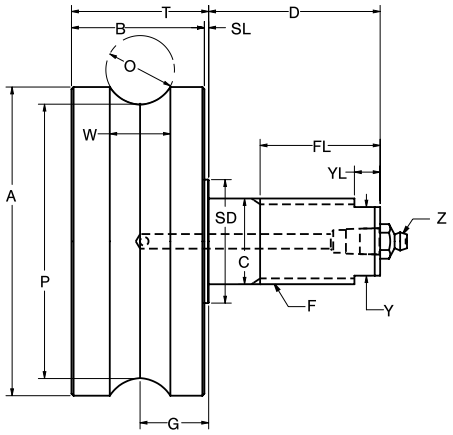
3.50-E ROLLER



4.50 ROLLER DIA. AND LARGER



THROUGH 3.50



UTR-SSP-R – STAINLESS 440c PLUS

U-Groove - Stud Concentric Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTR-1.50-SSP-R	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.33
UTR-1.75-SSP-R	560	270	140	70	24,000	380	390	90	PFC Lip	DGBB-SS	0.46
UTR-2.00-SSP-R	740	370	190	100	19,000	680	470	90	PFC Lip	DGBB-SS	0.64
UTR-2.50-SSP-R	2,090	1,350	530	340	15,000	1,060	550	500	PFC Lip	DGBB-SS	1.54
UTR-3.50-SSP-R	3,940	2,950	990	740	10,000	4,090	900	500	PFC Lip	DGBB-SS	4.05
UTR-3.50E-SSP-R*	15,040	14,400	4,520	7,390	3,750	3,200	-	1,000	NBR Dual Lip	PREMIUM TRB	4.05
UTR-4.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	16,930	1,950	1,000	PFC Lip	DGBB-SS	8.31
UTR-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	13,120	-	1,500	NBR Dual Lip	PREMIUM TRB	8.52
UTR-5.50-SSP-R	17,940	20,000	7,410	14,120	2,490	13,120	-	1,500	NBR Dual Lip	PREMIUM TRB	12.78
UTR-6.00-SSP-R	38,060	58,400	14,350	37,660	1,550	33,280	-	1,500	NBR Dual Lip	PREMIUM TRB	23.22
UTR-7.00-SSP-R	37,990	56,200	15,320	38,740	1,250	65,000	-	1,500	NBR Dual Lip	PREMIUM TRB	33.45





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

UTRE-SSP – STAINLESS 440c PLUS

U-Groove - Stud Eccentric Ball & Tapered Roller Bearings

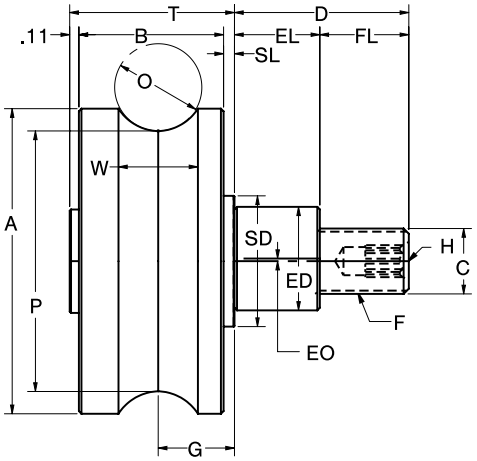
∞ Infinity Roller™ Technology

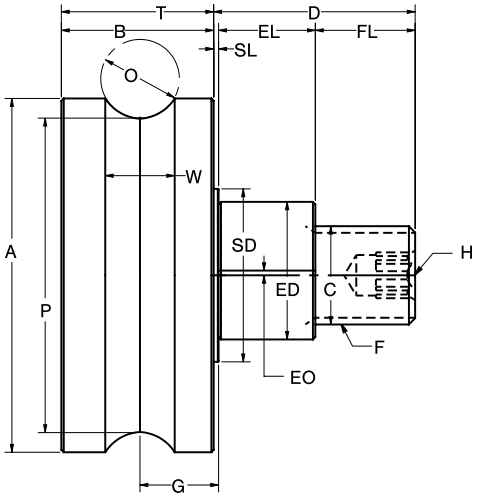
Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	O	P	SD	SL	T	W
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	SHOULDER			Tread Width
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.					Dia.	Len.	Len. + Roller Width	
UTRE-1.50-SSP	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	3/16	1/2	1.250	0.7	0.03	0.78	0.43
UTRE-1.75-SSP	1.75	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	3/16	1/2	1.500	0.7	0.03	0.78	0.43
UTRE-2.00-SSP	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.44	3/16	5/8	1.750	0.8	0.03	0.84	0.50
UTRE-2.50-SSP	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	5/16	3/4	2.000	1.3	0.06	1.31	0.71
UTRE-3.50-SSP	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	5/16	1	3.000	1.5	0.06	1.69	0.87
UTRE-3.50E-SSP*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.02	0.88	5/16	1	3.000	1.5	0.13	1.90†	0.87
UTRE-4.50A-SSP	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	1	4.000	2.2	0.06	2.00	0.87
UTRE-4.50-SSP	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	1	4.000	2.2	0.06	2.00	0.87
UTRE-5.50-SSP	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	1/2	1 1/4	5.000	2.2	0.06	2.00	1.00
UTRE-6.00-SSP	5.94	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	1.50	5/8	1 1/2	5.000	3.3	0.06	3.00	1.39
UTRE-7.00-SSP	6.94	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	1.50	5/8	2	6.000	3.6	0.06	3.00	1.69



3.50-E ROLLER





UTRE-SSP – STAINLESS 440c PLUS

U-Groove - Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRE-1.50-SSP	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.33
UTRE-1.75-SSP	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.46
UTRE-2.00-SSP	740	370	190	100	19,000	680	470	200	PFC Lip	DGBB-SS	0.64
UTRE-2.50-SSP	2,090	1,350	530	340	15,000	1,060	550	500	PFC Lip	DGBB-SS	1.54
UTRE-3.50-SSP	3,940	2,950	990	740	10,000	4,090	900	500	PFC Lip	DGBB-SS	4.05
UTRE-3.50E-SSP*	15,040	14,400	4,520	7,390	3,750	3,200	-	1,500	NBR Dual Lip	PREMIUM TRB	4.05
UTRE-4.50A-SSP	6,010	5,040	1,510	1,260	8,000	34,620	1,950	1,000	PFC Lip	DGBB-SS	8.31
UTRE-4.50-SSP	17,940	20,000	7,410	14,120	2,490	13,120	-	1,500	NBR Dual Lip	PREMIUM TRB	8.52
UTRE-5.50-SSP	17,940	20,000	7,410	14,120	2,490	13,120	-	1,500	NBR Dual Lip	PREMIUM TRB	12.78
UTRE-6.00-SSP	38,060	58,400	14,350	37,660	1,550	33,280	-	1,500	NBR Dual Lip	PREMIUM TRB	23.22
UTRE-7.00-SSP	37,990	56,200	15,320	38,740	1,250	65,000	-	1,500	NBR Dual Lip	PREMIUM TRB	33.45



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

UTRE-SSP-R – STAINLESS 440c PLUS

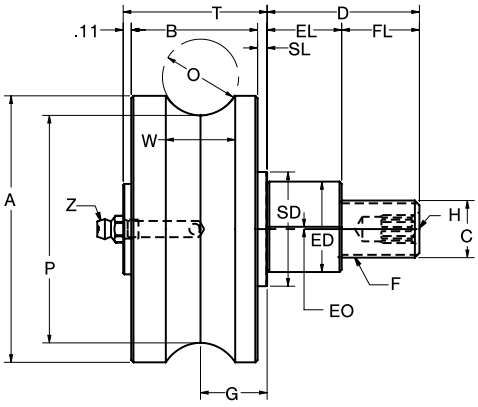
U-Groove - Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

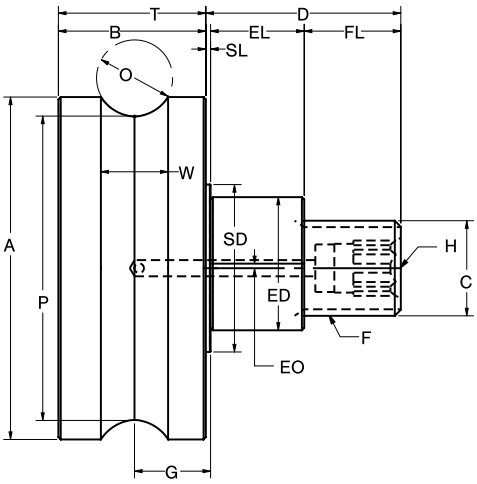
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	O	P	SD	SL	T	W	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	SHOULDER			Tread Width	WRENCH FLAT		Lube Size
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.					Dia.	Len.	Len. + Roller Width		Flat	Flat Len.	
UTRE-1.50-SSP-R	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	-	1/2	1.250	0.7	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTRE-1.75-SSP-R	1.75	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	-	1/2	1.500	0.7	0.03	0.78	0.43	0.312	0.250	1/8 Drive
UTRE-2.00-SSP-R	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.44	-	5/8	1.750	0.8	0.03	0.84	0.50	0.375	0.250	1/8 Drive
UTRE-2.50-SSP-R	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	-	3/4	2.000	1.3	0.06	1.31	0.71	0.625	0.375	1/8-27 NPT
UTRE-3.50-SSP-R	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	-	1	3.000	1.5	0.06	1.69	0.87	0.625	0.375	1/8-27 NPT
UTRE-3.50E-SSP-R*	3.50	1.65	0.750	2.00	1.187	0.98	0.03	3/4 - 16	1.02	0.88	5/16	1	3.000	1.5	0.13	1.90†	0.87	-	-	1/4-28 UNF
UTRE-4.50A-SSP-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	5/8	1	4.000	2.2	0.06	2.00	0.87	-	-	1/4-28 UNF
UTRE-4.50-SSP-R	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	5/8	1	4.000	2.2	0.06	2.00	0.87	-	-	1/4-28 UNF
UTRE-5.50-SSP-R	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	5/8	1 1/4	5.000	2.2	0.06	2.00	1.00	-	-	1/4-28 UNF
UTRE-6.00-SSP-R	5.94	2.94	2.000	4.50	2.625	2.13	0.06	2 - 12	2.38	1.50	5/8	1 1/2	5.000	3.3	0.06	3.00	1.39	-	-	1/4-28 UNF
UTRE-7.00-SSP-R	6.94	2.94	2.500	5.50	3.125	2.88	0.06	2 1/2 - 12	2.63	1.50	5/8	2	6.000	3.6	0.06	3.00	1.69	-	-	1/4-28 UNF



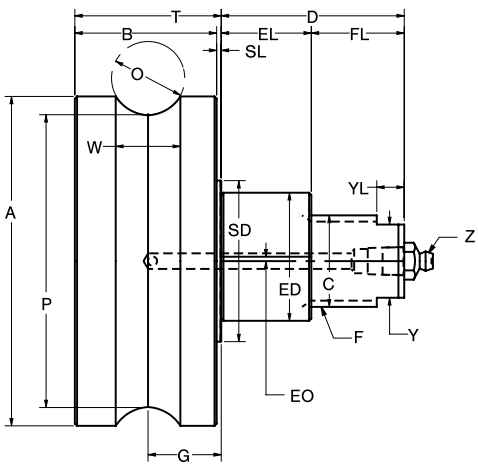
3.50-E ROLLER



4.50 ROLLER DIA. AND LARGER



THROUGH 3.50



UTRE-SSP-R – STAINLESS 440c PLUS

U-Groove - Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRE-1.50-SSP-R	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.33
UTRE-1.75-SSP-R	560	270	140	70	24,000	380	390	200	PFC Lip	DGBB-SS	0.46
UTRE-2.00-SSP-R	740	370	190	100	19,000	680	470	200	PFC Lip	DGBB-SS	0.64
UTRE-2.50-SSP-R	2,090	1,350	530	340	15,000	1,060	550	500	PFC Lip	DGBB-SS	1.54
UTRE-3.50-SSP-R	3,940	2,950	990	740	10,000	4,090	900	500	PFC Lip	DGBB-SS	4.05
UTRE-3.50E-SSP-R*	15,040	14,400	4,520	7,390	3,750	3,200	-	1,500	NBR Dual Lip	PREMIUM TRB	4.05
UTRE-4.50A-SSP-R	6,010	5,040	1,510	1,260	8,000	34,620	1,950	1,000	PFC Lip	DGBB-SS	8.31
UTRE-4.50-SSP-R	17,940	20,000	7,410	14,120	2,490	13,120	-	1,500	NBR Dual Lip	PREMIUM TRB	8.52
UTRE-5.50-SSP-R	17,940	20,000	7,410	14,120	2,490	13,120	-	1,500	NBR Dual Lip	PREMIUM TRB	12.78
UTRE-6.00-SSP-R	38,060	58,400	14,350	37,660	1,550	33,280	-	1,500	NBR Dual Lip	PREMIUM TRB	23.22
UTRE-7.00-SSP-R	37,990	56,200	15,320	38,740	1,250	65,000	-	1,500	NBR Dual Lip	PREMIUM TRB	33.45





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

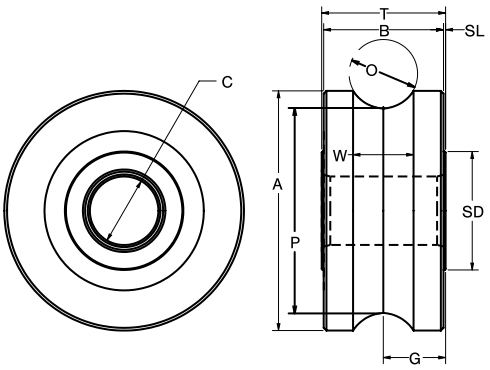
UTRY-SSP – STAINLESS 440c PLUS

U-Groove – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	O	P	SD	SL	T	W	OPTIONAL PCI YOKE SHAFT	
	ROLLER						SHOULDER					
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Rail Size	Point Dia. +.000- .001	Dia.	Len.	Inner Race Width +.005 -.010	Tread Width	Concentric Shaft	Eccentric Shaft
UTRY-1.75-SSP	1.75	0.88	0.4380	0.47	1/2	1.500	0.9	0.03	0.937	0.44	YSH-.437-SS	YSHE-.437-SS
UTRY-2.00-SSP	2.00	1.00	0.5005	0.53	5/8	1.750	0.9	0.03	1.063	0.50	YSH-.500-SS	YSHE-.500-SS
UTRY-2.50-SSP	2.50	1.25	0.6255	0.66	3/4	2.000	1.1	0.03	1.313	0.71	YSH-.625-SS	YSHE-.625-SS
UTRY-3.50A-SSP	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87	YSH-1.000-SS	YSHE-1.000-SS
UTRY-3.50-SSP	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87	YSH-1.000-SS	YSHE-1.000-SS
UTRY-4.50A-SSP	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87	YSH-1.250-SS	YSHE-1.250-SS
UTRY-4.50-SSP	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87	YSH-1.250-SS	YSHE-1.250-SS
UTRY-5.50-SSP	5.50	2.75	1.7508	1.44	1 1/4	5.000	3.2	0.06	2.875	1.00	YSH-1.750-SS	YSHE-1.750-SS
UTRY-6.00-SSP	5.94	2.75	1.7508	1.44	1 1/2	5.000	3.2	0.06	2.875	1.39	YSH-1.750-SS	YSHE-1.750-SS
UTRY-7.00-SSP	6.94	3.25	2.2508	1.69	2	6.000	3.5	0.06	3.375	1.69	YSH-2.250-SS	YSHE-2.250-SS





UTRY-SSP – STAINLESS 440c PLUS

U-Groove – Yoke
Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRY-1.75-SSP	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.42
UTRY-2.00-SSP	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.65
UTRY-2.50-SSP	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.19
UTRY-3.50A-SSP	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.30
UTRY-3.50-SSP	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.50
UTRY-4.50A-SSP	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	7.93
UTRY-4.50-SSP	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	8.34
UTRY-5.50-SSP	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	15.00
UTRY-6.00-SSP	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	16.59
UTRY-7.00-SSP	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	25.42





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

UTRY-SSP-R – STAINLESS 440c PLUS

U-Groove – Yoke

Ball & Tapered Roller Bearings - Regreasable

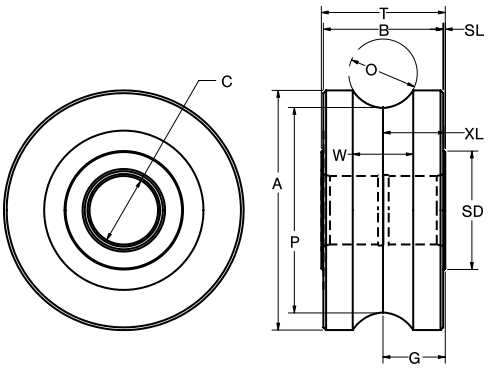
∞ Infinity Roller™ Technology

Solutions Through Innovation

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	O	P	SD	SL	T	W	XL	OPTIONAL PCI YOKE SHAFT	
	ROLLER						SHOULDER						
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Rail Size	Point Dia. +.000- .001	Dia.	Len.	Inner Race Width +.005 -.010	Tread Width	Grease Groove Location	Concentric Shaft	Eccentric Shaft
UTRY-1.75-SSP-R	1.75	0.88	0.4380	0.47	1/2	1.500	0.9	0.03	0.937	0.44	0.47	YSH-.437-SS-R	YSHE-.437-SS-R
UTRY-2.00-SSP-R	2.00	1.00	0.5005	0.53	5/8	1.750	0.9	0.03	1.063	0.50	0.53	YSH-.500-SS-R	YSHE-.500-SS-R
UTRY-2.50-SSP-R	2.50	1.25	0.6255	0.66	3/4	2.000	1.1	0.03	1.313	0.71	0.66	YSH-.625-SS-R	YSHE-.625-SS-R
UTRY-3.50A-SSP-R	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
UTRY-3.50-SSP-R	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87	0.91	YSH-1.000-SS-R	YSHE-1.000-SS-R
UTRY-4.50A-SSP-R	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87	1.16	YSH-1.250-SS-R	YSHE-1.250-SS-R
UTRY-4.50-SSP-R	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87	1.16	YSH-1.250-SS-R	YSHE-1.250-SS-R
UTRY-5.50-SSP-R	5.50	2.75	1.7508	1.44	1 1/4	5.000	3.2	0.06	2.875	1.00	1.44	YSH-1.750-SS-R	YSHE-1.750-SS-R
UTRY-6.00-SSP-R	5.94	2.75	1.7508	1.44	1 1/2	5.000	3.2	0.06	2.875	1.39	1.44	YSH-1.750-SS-R	YSHE-1.750-SS-R
UTRY-7.00-SSP-R	6.94	3.25	2.2508	1.69	2	6.000	3.5	0.06	3.375	1.69	1.69	YSH-2.250-SS-R	YSHE-2.250-SS-R







UTRY-SSP-R – STAINLESS 440c PLUS

U-Groove – Yoke

Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
UTRY-1.75-SSP-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.42
UTRY-2.00-SSP-R	1,450	1,150	370	290	14,000	PFC Lip	DGBB-SS	0.65
UTRY-2.50-SSP-R	2,940	2,250	740	570	11,000	PFC Lip	DGBB-SS	1.19
UTRY-3.50A-SSP-R	5,030	4,590	1,260	1,150	7,000	PFC Lip	DGBB-SS	3.30
UTRY-3.50-SSP-R	17,940	20,000	7,410	14,120	2,490	NBR Dual Lip	PREMIUM TRB	3.50
UTRY-4.50A-SSP-R	5,320	5,130	1,330	1,290	6,300	PFC Lip	DGBB-SS	7.93
UTRY-4.50-SSP-R	18,670	27,200	6,210	15,480	2,140	NBR Dual Lip	PREMIUM TRB	8.34
UTRY-5.50-SSP-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	15.00
UTRY-6.00-SSP-R	38,060	58,400	14,350	37,660	1,550	NBR Dual Lip	PREMIUM TRB	16.59
UTRY-7.00-SSP-R	37,990	56,200	15,320	38,740	1,250	NBR Dual Lip	PREMIUM TRB	25.42





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CIR-SSP – STAINLESS 440c PLUS

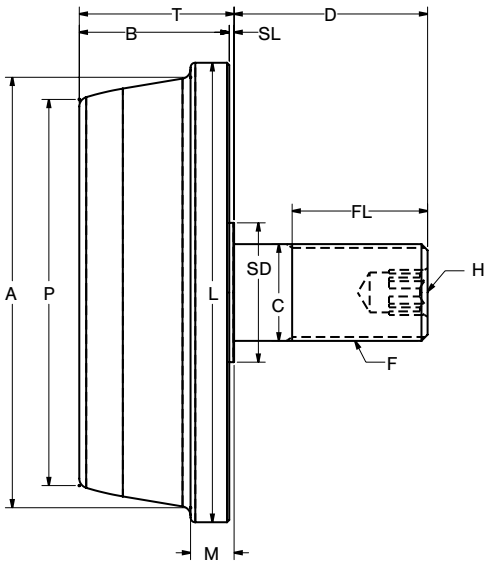
Channel & I-Beam – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	P	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width		Dia.	Len.	Len. + Roller Width
CIR-3.00-SSP	2.56	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.94	0.31	2.23	0.8	0.06	1.19
CIR-3.00E-SSP	2.56	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.62	2.17	1.0	0.06	1.69
CIR-3.00-1-SSP	2.50	1.63	1.000	2.25	1 - 14	1.50	3/8	2.94	0.50	2.06	1.2	0.06	1.69
CIR-4.00-SSP	3.56	1.63	0.875	2.00	7/8 - 14	1.13	5/16	3.94	0.53	3.14	1.0	0.06	1.69
CIR-4.00E-SSP	3.56	1.63	1.000	2.25	1 - 14	1.50	3/8	3.94	0.53	3.14	1.2	0.06	1.69
CIR-4.00-1-SSP	3.00	1.75	1.000	2.25	1 - 14	1.50	3/8	3.94	0.59	2.56	1.3	0.06	1.81
CIR-5.00-SSP	4.56	1.63	1.000	2.25	1 - 14	1.50	3/8	4.94	0.50	4.13	1.2	0.06	1.69
CIR-5.00E-SSP	4.56	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.94	0.69	4.05	1.8	0.06	2.00
CIR-5.00E-1-SSP	4.00	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	3.31	1.8	0.06	2.00
CIR-6.00-SSP	5.56	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	5.94	0.56	4.99	1.8	0.06	2.00





PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIR-3.00-SSP	3" & UP
CIR-3.00E-SSP	3" & UP
CIR-3.00-1-SSP	3" & UP
CIR-4.00-SSP	4" & UP
CIR-4.00E-SSP	4" & UP
CIR-4.00-1-SSP	4" & UP
CIR-5.00-SSP	5" & UP
CIR-5.00E-SSP	5" & UP
CIR-5.00E-1-SSP	5" & UP
CIR-6.00-SSP	6" & UP

CIR-SSP – STAINLESS 440c PLUS

Channel & I-Beam – Stud Concentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIR-3.00-SSP	2,090	1,350	530	340	15,000	950	550	250	PFC Lip	DGBB-SS	1.64
CIR-3.00E-SSP	2,940	2,140	740	540	12,000	2,060	900	500	PFC Lip	DGBB-SS	2.40
CIR-3.00-1-SSP	2,940	2,250	740	570	11,000	3,630	1,340	500	PFC Lip	DGBB-SS	2.37
CIR-4.00-SSP	2,940	2,140	740	540	12,000	2,190	900	500	PFC Lip	DGBB-SS	4.64
CIR-4.00E-SSP	4,270	3,440	1,070	860	8,500	4,920	1,340	500	PFC Lip	DGBB-SS	4.65
CIR-4.00-1-SSP	13,720	14,800	5,130	9,470	2,100	4,550	-	1,000	NBR Dual Lip	PREMIUM TRB	3.98
CIR-5.00-SSP	4,270	3,440	1,070	860	8,500	4,990	1,340	500	PFC Lip	DGBB-SS	7.58
CIR-5.00E-SSP	17,940	20,000	7,410	14,120	2,490	7,930	-	1,000	NBR Dual Lip	PREMIUM TRB	9.24
CIR-5.00E-1-SSP	17,940	20,000	7,410	14,120	2,490	8,240	-	1,000	NBR Dual Lip	PREMIUM TRB	9.24
CIR-6.00-SSP	17,940	20,000	7,410	14,120	2,490	8,330	-	1,000	NBR Dual Lip	PREMIUM TRB	13.40





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CIR-SSP-R – STAINLESS 440c PLUS

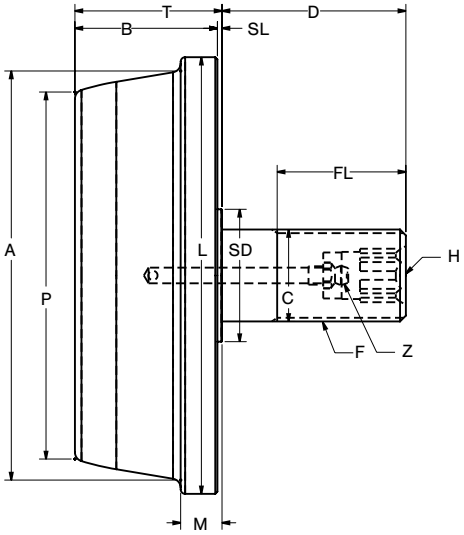
Channel & I-Beam – Stud Concentric Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

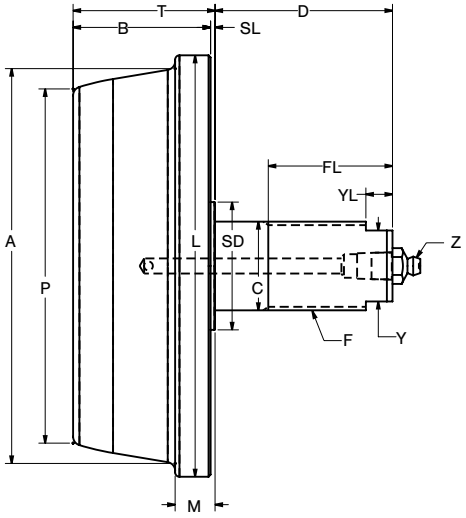
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		THREAD			FLANGE			SHOULDER			WRENCH FLAT		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.	Hex Size	Dia.	Width	Point Dia.	Dia.	Width	Dia.	Len.	Len. + Roller Width	Lube Size
CIR-3.00-SSP-R	2.56	1.13	0.625	1.50	5/8 - 18	0.75	-	2.94	0.31	2.23	0.8	0.06	1.19	0.500	0.375	1/4-28 UNF
CIR-3.00E-SSP-R	2.56	1.63	0.875	2.00	7/8 - 14	1.13	-	2.94	0.62	2.17	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CIR-3.00-1-SSP-R	2.50	1.63	1.000	2.25	1 - 14	1.50	-	2.94	0.50	2.06	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CIR-4.00-SSP-R	3.56	1.63	0.875	2.00	7/8 - 14	1.13	-	3.94	0.53	3.14	1.0	0.06	1.69	0.625	0.375	1/8-27 NPT
CIR-4.00E-SSP-R	3.56	1.63	1.000	2.25	1 - 14	1.50	-	3.94	0.53	3.14	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CIR-4.00-1-SSP-R	3.00	1.75	1.000	2.25	1 - 14	1.50	-	3.94	0.59	2.56	1.3	0.06	1.81	0.875	0.375	1/8-27 NPT
CIR-5.00-SSP-R	4.56	1.63	1.000	2.25	1 - 14	1.50	-	4.94	0.50	4.13	1.2	0.06	1.69	0.875	0.375	1/8-27 NPT
CIR-5.00E-SSP-R	4.56	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	4.94	0.69	4.05	1.8	0.06	2.00	-	-	1/4-28 UNF
CIR-5.00E-1-SSP-R	4.00	1.94	1.250	2.75	1 1/4 - 12	1.75	5/8	4.94	0.59	3.31	1.8	0.06	2.00	-	-	1/4-28 UNF
CIR-6.00-SSP-R	5.56	1.94	1.250	2.50	1 1/4 - 12	1.75	5/8	5.94	0.56	4.99	1.8	0.06	2.00	-	-	1/4-28 UNF



5.00E ROLLER DIA. AND LARGER



THROUGH 5.00 ROLLER DIA.



PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIR-3.00-SSP-R	3" & UP
CIR-3.00E-SSP-R	3" & UP
CIR-3.00-1-SSP-R	3" & UP
CIR-4.00-SSP-R	4" & UP
CIR-4.00E-SSP-R	4" & UP
CIR-4.00-1-SSP-R	4" & UP
CIR-5.00-SSP-R	5" & UP
CIR-5.00E-SSP-R	5" & UP
CIR-5.00E-1-SSP-R	5" & UP
CIR-6.00-SSP-R	6" & UP

CIR-SSP-R – STAINLESS 440c PLUS

Channel & I-Beam – Stud Concentric Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIR-3.00-SSP-R	2,090	1,350	530	340	15,000	950	550	250	PFC Lip	DGBB-SS	1.64
CIR-3.00E-SSP-R	2,940	2,140	740	540	12,000	2,060	900	500	PFC Lip	DGBB-SS	2.40
CIR-3.00-1-SSP-R	2,940	2,250	740	570	11,000	3,630	1,340	500	PFC Lip	DGBB-SS	2.37
CIR-4.00-SSP-R	2,940	2,140	740	540	12,000	2,190	900	500	PFC Lip	DGBB-SS	4.64
CIR-4.00E-SSP-R	4,270	3,440	1,070	860	8,500	4,920	1,340	500	PFC Lip	DGBB-SS	4.65
CIR-4.00-1-SSP-R	13,720	14,800	5,130	9,470	2,100	4,550	-	1,000	NBR Dual Lip	PREMIUM TRB	3.98
CIR-5.00-SSP-R	4,270	3,440	1,070	860	8,500	4,990	1,340	500	PFC Lip	DGBB-SS	7.58
CIR-5.00E-SSP-R	17,940	20,000	7,410	14,120	2,490	7,930	-	1,000	NBR Dual Lip	PREMIUM TRB	9.24
CIR-5.00E-1-SSP-R	17,940	20,000	7,410	14,120	2,490	8,240	-	1,000	NBR Dual Lip	PREMIUM TRB	9.24
CIR-6.00-SSP-R	17,940	20,000	7,410	14,120	2,490	8,330	-	1,000	NBR Dual Lip	PREMIUM TRB	13.40



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CIRE-SSP – STAINLESS 440c PLUS

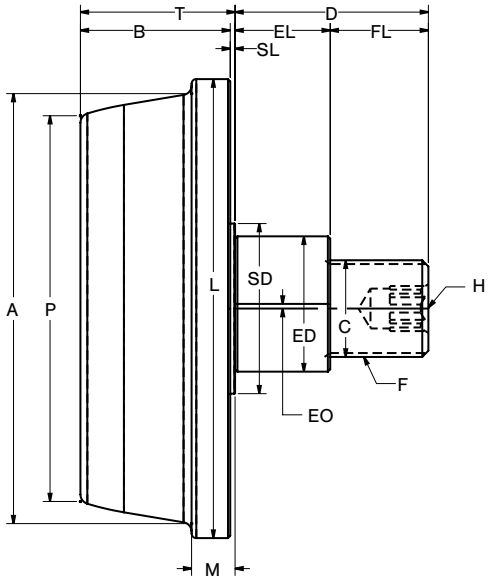
Channel & I-Beam – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width		Dia.	Len.	Len + Roller Width
CIRE-3.00-SSP	2.56	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.94	0.31	2.23	1.1	0.06	1.19
CIRE-3.00E-SSP	2.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.62	2.17	1.5	0.06	1.69
CIRE-3.00-1-SSP	2.50	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	2.94	0.50	2.06	1.7	0.06	1.69
CIRE-4.00-SSP	3.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	3.94	0.53	3.14	1.5	0.06	1.69
CIRE-4.00E-SSP	3.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.94	0.53	3.14	1.7	0.06	1.69
CIRE-4.00-1-SSP	3.00	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.94	0.59	2.56	1.7	0.06	1.81
CIRE-5.00-SSP	4.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	4.94	0.50	4.13	1.7	0.06	1.69
CIRE-5.00E-SSP	4.56	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.94	0.69	4.05	2.2	0.06	2.00
CIRE-5.00E-1-SSP	4.00	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	3.31	2.2	0.06	2.00
CIRE-6.00-SSP	5.56	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	5.94	0.56	4.99	2.2	0.06	2.00







PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIRE-3.00-SSP	3" & UP
CIRE-3.00E-SSP	3" & UP
CIRE-3.00-1-SSP	3" & UP
CIRE-4.00-SSP	4" & UP
CIRE-4.00E-SSP	4" & UP
CIRE-4.00-1-SSP	4" & UP
CIRE-5.00-SSP	5" & UP
CIRE-5.00E-SSP	5" & UP
CIRE-5.00E-1-SSP	5" & UP
CIRE-6.00-SSP	6" & UP

CIRE-SSP – STAINLESS 440c PLUS

Channel & I-Beam – Stud Eccentric Ball & Tapered Roller Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIRE-3.00-SSP	2,090	1,350	530	340	15,000	950	550	500	PFC Lip	DGBB-SS	1.66
CIRE-3.00E-SSP	2,940	2,140	740	540	12,000	2,060	900	800	PFC Lip	DGBB-SS	2.59
CIRE-3.00-1-SSP	2,940	2,250	740	570	11,000	3,630	1,340	800	PFC Lip	DGBB-SS	2.59
CIRE-4.00-SSP	2,940	2,140	740	540	12,000	2,190	900	800	PFC Lip	DGBB-SS	4.86
CIRE-4.00E-SSP	4,270	3,440	1,070	860	8,500	5,420	1,340	800	PFC Lip	DGBB-SS	4.93
CIRE-4.00-1-SSP	13,720	14,800	5,130	9,470	2,100	4,550	-	1,000	NBR Dual Lip	PREMIUM TRB	4.26
CIRE-5.00-SSP	4,270	3,440	1,070	860	8,500	5,510	1,340	800	PFC Lip	DGBB-SS	7.85
CIRE-5.00E-SSP	17,940	20,000	7,410	14,120	2,490	7,930	-	1,000	NBR Dual Lip	PREMIUM TRB	9.71
CIRE-5.00E-1-SSP	17,940	20,000	7,410	14,120	2,490	8,240	-	1,000	NBR Dual Lip	PREMIUM TRB	9.71
CIRE-6.00-SSP	17,940	20,000	7,410	14,120	2,490	8,330	-	1,000	NBR Dual Lip	PREMIUM TRB	13.46





NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

CIRE-SSP-R – STAINLESS 440c PLUS

Channel & I-Beam – Stud Eccentric
Ball & Tapered Roller Bearings - Regreasable

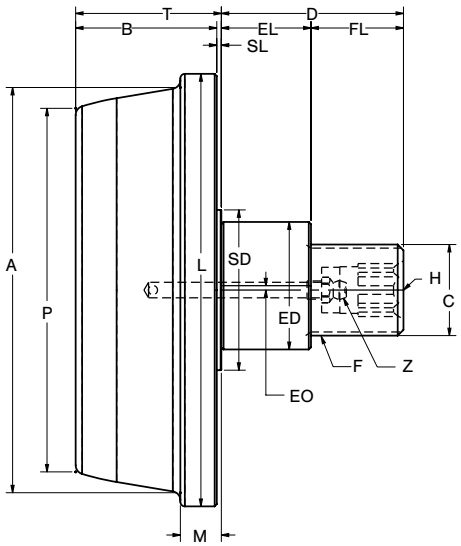
∞ Infinity Roller™ Technology

Solutions Through Innovation

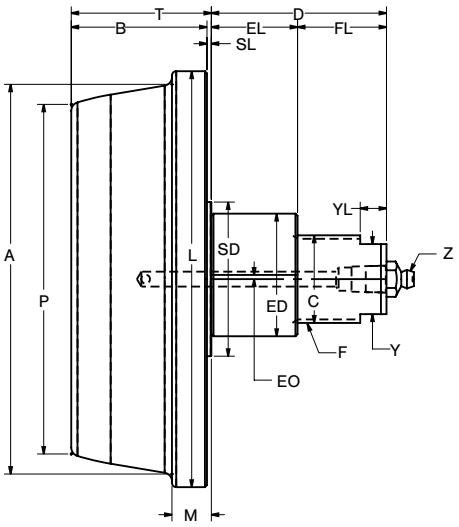
STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	P	SD	SL	T	Y	YL	Z
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER			WRENCH FLAT		Lube Size
	Dia.	Width	Dia.	Len.	Dia +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width		Dia.	Len.	Len. + Roller Width	Size	Flat Len.	
CIRE-3.00-SSP-R	2.56	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	-	2.94	0.31	2.23	1.1	0.06	1.19	0.500	0.375	1/4-28 UNF
CIRE-3.00E-SSP-R	2.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	2.94	0.62	2.17	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CIRE-3.00-1-SSP-R	2.50	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	2.94	0.50	2.06	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CIRE-4.00-SSP-R	3.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	-	3.94	0.53	3.14	1.5	0.06	1.69	0.625	0.375	1/8-27 NPT
CIRE-4.00E-SSP-R	3.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.94	0.53	3.14	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CIRE-4.00-1-SSP-R	3.00	1.75	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	3.94	0.59	2.56	1.7	0.06	1.81	0.875	0.375	1/8-27 NPT
CIRE-5.00-SSP-R	4.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	-	4.94	0.50	4.13	1.7	0.06	1.69	0.875	0.375	1/8-27 NPT
CIRE-5.00E-SSP-R	4.56	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	4.94	0.69	4.05	2.2	0.06	2.00	-	-	1/4-28 UNF
CIRE-5.00E-1-SSP-R	4.00	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	5/8	4.94	0.59	3.31	2.2	0.06	2.00	-	-	1/4-28 UNF
CIRE-6.00-SSP-R	5.56	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	5/8	5.94	0.56	4.99	2.2	0.06	2.00	-	-	1/4-28 UNF



5.00E ROLLER DIA. AND LARGER



THROUGH 5.00 ROLLER DIA.



PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIRE-3.00-SSP-R	3" & UP
CIRE-3.00E-SSP-R	3" & UP
CIRE-3.00-1-SSP-R	3" & UP
CIRE-4.00-SSP-R	4" & UP
CIRE-4.00E-SSP-R	4" & UP
CIRE-4.00-1-SSP-R	4" & UP
CIRE-5.00-SSP-R	5" & UP
CIRE-5.00E-SSP-R	5" & UP
CIRE-5.00E-1-SSP-R	5" & UP
CIRE-6.00-SSP-R	6" & UP

CIRE-SSP-R – STAINLESS 440c PLUS

Channel & I-Beam – Stud Eccentric Ball & Tapered Roller Bearings - Regreasable

∞ Infinity Roller™ Technology-

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
CIRE-3.00-SSP-R	2,090	1,350	530	340	15,000	950	550	500	PFC Lip	DGBB-SS	1.66
CIRE-3.00E-SSP-R	2,940	2,140	740	540	12,000	2,060	900	800	PFC Lip	DGBB-SS	2.59
CIRE-3.00-1-SSP-R	2,940	2,250	740	570	11,000	3,630	1,340	800	PFC Lip	DGBB-SS	2.59
CIRE-4.00-SSP-R	2,940	2,140	740	540	12,000	2,190	900	800	PFC Lip	DGBB-SS	4.86
CIRE-4.00E-SSP-R	4,270	3,440	1,070	860	8,500	5,420	1,340	800	PFC Lip	DGBB-SS	4.93
CIRE-4.00-1-SSP-R	13,720	14,800	5,130	9,470	2,100	4,550	-	1,000	NBR Dual Lip	PREMIUM TRB	4.26
CIRE-5.00-SSP-R	4,270	3,440	1,070	860	8,500	5,510	1,340	800	PFC Lip	DGBB-SS	7.85
CIRE-5.00E-SSP-R	17,940	20,000	7,410	14,120	2,490	7,930	-	1,000	NBR Dual Lip	PREMIUM TRB	9.71
CIRE-5.00E-1-SSP-R	17,940	20,000	7,410	14,120	2,490	8,240	-	1,000	NBR Dual Lip	PREMIUM TRB	9.71
CIRE-6.00-SSP-R	17,940	20,000	7,410	14,120	2,490	8,330	-	1,000	NBR Dual Lip	PREMIUM TRB	13.46





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperatures for:
DGBB-SS: 0° to 350°F
TRB: 0° to 225°F
High and Low temperature options available.

Specifications subject to change without notice.

EXTREME DUTY SOLUTIONS

XR ROLLERS AND TRACK ROLLERS OPTIONS

STAINLESS STEEL – CLASS X

∞ | *Infinity Roller™ Technology*

WHY USE PCI STAINLESS STEEL CLASS X ROLLERS?

PCI's dedication to creating a solution for every application drives our Class X product offering. The materials, construction and features of a Class X Roller are custom designed every time to meet the individual needs of your unique application.

If corrosion resistance is your goal and PCI hasn't already designed your solution, ask for a Class X solution!

CORROSION RESISTANCE

- PRODUCT KNOWLEDGE
- APPLICATION ASSISTANCE
- QUICKEST DELIVERY
- EXPEDITE OPTIONS

Solutions Through Innovation!



PRECISION DEEP GROOVE BALL BEARINGS perform under high speeds and light to moderate combination loads in carbon or stainless steel options.

MATCHED SET OF TAPERED ROLLER BEARINGS ensure maximum thrust load paired with moderate radial load capacity in a precision bearing package.

CUSTOM DESIGNED PRECISION ROLLER BODY maintains the integrity of the assembly in a variety of materials.

TIGHT FIT STAINLESS STEEL DUST COVER* adds protection against direct spray and contamination.

**Features dependent on size and Type of unit. See specifications for details.*

SEALS TO MEET YOUR NEEDS maximum protection of the bearing elements from external contamination.

PREMIUM SYNTHETIC LUBRICANT is resistant to chemicals and wash-out and available in food grade options.

EASY INSTALLATION SLIP FIT BORE OR OPTIONS FOR HIGH STRENGTH CARBON STEEL OR STAINLESS STUD provide dependable performance under load to meet your application needs.

Intentional Blank Page

Solutions Through Innovation

EXTREME DUTY SOLUTIONS

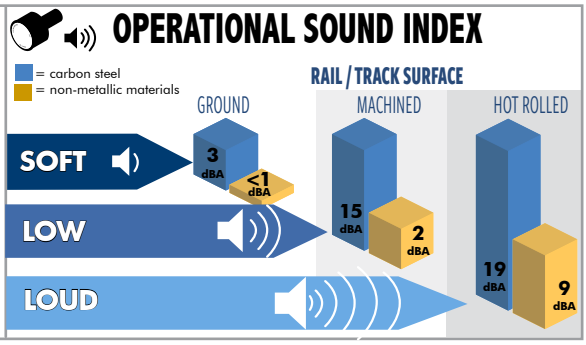
XR Rollers and Track Rollers Options
Non-Metallic Tread-Carbon Steel Components

∞ | *Infinity Roller™ Technology*

HOW QUIET ARE PCI NON-METALLIC TRACK ROLLERS?

PCI non-metallic roller bodies are designed to absorbs vibration and reduces the likelihood of metal-on-metal sparking and extend rail life.

PCI non-metallic rollers are more than 10 dBa quieter than their metallic counterparts – that's a 50% reduction in sound over traditional carbon steel track roller and cam follower products.





SKF PRECISION DEEP GROOVE BALL BEARINGS
perform under high speeds and light to moderate combination loads.

FDA COMPLIANT NON-METALLIC PRECISION ROLLER BODY
reduces rolling noise, rolling resistance, and track wear. Eliminates the need for track lubrication while reducing likelihood of metal sparking.

ONE PIECE SOLID END CAP DESIGN*
adds protection against external contaminants.

**Features dependent on size and Type of unit. See specifications for details.*

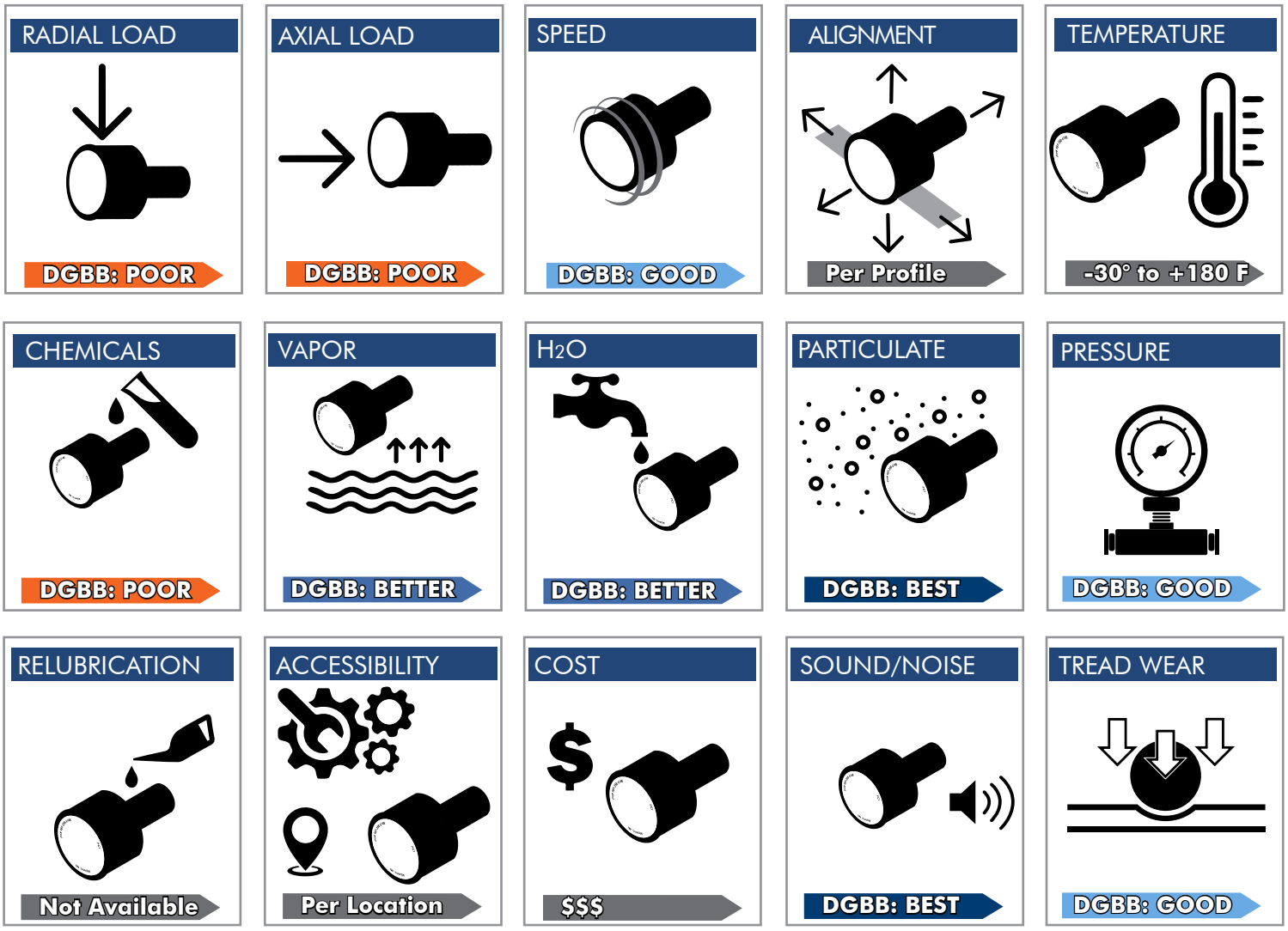
NITRILE RUBBER LIP SEALS
aid with lubricant retention and incorporate multifaceted contact points to exclude contaminants. These superior designs result in maximum protection of the bearing elements.

PREMIUM SYNTHETIC LUBRICANT
resists break down to minimize downtime.

STRESSPROOF® STUD OR EASY INSTALLATION SLIP FIT BORE
is high strength material providing dependable performance under load.

TECHNICAL ASSISTANCE AND PRODUCT SELECTION

Application factors greatly impact proper selection and functionality of your load bearing roller assembly. If selection is conducted in haste, a load bearing roller assembly may be inadequately selected, leading to premature failure and costly downtime. This dashboard indicator will help you determine which PCI Load Bearing Roller Assembly is right for your unique application.



Dashboard Indicating Color Scale

= informational only

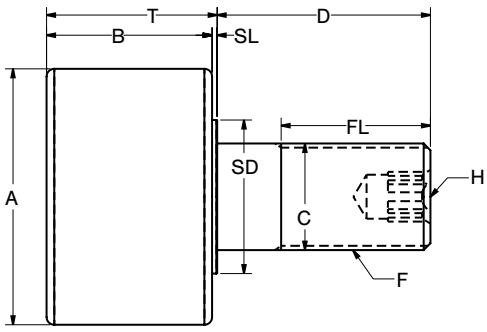
NPTR – NON-METALLIC TREAD

Plain/Cylindrical – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
NPTR-1.00	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
NPTR-1.125	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
NPTR-1.25	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
NPTR-1.375	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
NPTR-1.50	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	0.8	0.06	1.19
NPTR-1.75	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.06	1.19
NPTR-2.00	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
NPTR-2.25	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
NPTR-2.50	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
NPTR-2.75	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
NPTR-3.00A	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
NPTR-3.25A	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
NPTR-3.50A	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
NPTR-4.00A	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00





NPTR – NON-METALLIC TREAD

Plain/Cylindrical – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf)C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NPTR-1.00	860	430	220	110	24,000	500	120	40	470	180	NBR Lip	PREMIUM DGBB	0.11
NPTR-1.125	860	430	220	110	24,000	500	130	40	470	180	NBR Lip	PREMIUM DGBB	0.12
NPTR-1.25	1,430	750	360	190	19,000	900	160	50	470	180	NBR Lip	PREMIUM DGBB	0.20
NPTR-1.375	1,430	750	360	190	19,000	900	170	50	470	180	NBR Lip	PREMIUM DGBB	0.21
NPTR-1.50	2,660	1,400	670	350	15,000	1,570	260	80	550	350	NBR Lip	PREMIUM DGBB	0.42
NPTR-1.75	2,660	1,400	670	350	15,000	1,570	300	90	550	650	NBR Lip	PREMIUM DGBB	0.55
NPTR-2.00	3,630	2,140	1,820	1,070	12,000	4,360	400	120	900	650	NBR Lip	PREMIUM DGBB	1.00
NPTR-2.25	3,630	2,140	1,820	1,070	12,000	4,360	550	170	900	650	NBR Lip	PREMIUM DGBB	1.07
NPTR-2.50	5,390	3,510	2,700	1,760	8,500	8,180	430	130	1,340	650	NBR Lip	PREMIUM DGBB	1.69
NPTR-2.75	5,390	3,510	2,700	1,760	8,500	8,180	680	210	1,340	650	NBR Lip	PREMIUM DGBB	1.78
NPTR-3.00A	7,400	5,040	3,700	2,520	8,000	13,580	880	270	1,950	1,500	NBR Lip	PREMIUM DGBB	2.83
NPTR-3.25A	7,400	5,040	3,700	2,520	8,000	13,580	950	290	1,950	1,500	NBR Lip	PREMIUM DGBB	2.95
NPTR-3.50A	7,400	5,040	3,700	2,520	8,000	13,580	1,020	310	1,950	1,500	NBR Lip	PREMIUM DGBB	3.17
NPTR-4.00A	7,400	5,040	3,700	2,520	8,000	13,580	1,170	350	1,950	1,500	NBR Lip	PREMIUM DGBB	3.44



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

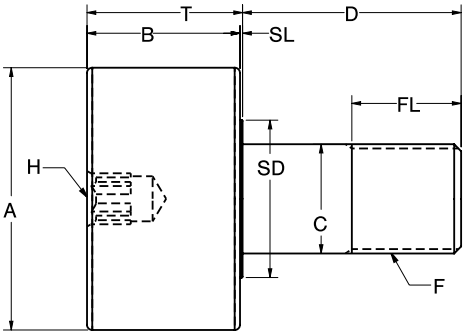
NPXR – NON-METALLIC TREAD

Plain/Cylindrical – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
NPXR-1.50	1.500	0.88	0.625	1.50	5/8 - 18	0.75	5/16	0.8	0.03	0.91
NPXR-1.75	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.03	1.03
NPXR-2.00	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28
NPXR-2.25	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	1.0	0.03	1.28
NPXR-2.50	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
NPXR-2.75	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	1.2	0.03	1.53
NPXR-3.00A	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78
NPXR-3.25A	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	1.6	0.03	1.78
NPXR-3.50A	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	1.8	0.03	2.03
NPXR-4.00A	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	1.8	0.03	2.28





NPXR – NON-METALLIC TREAD

Plain/Cylindrical – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf)C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NPXR-1.50	1,690	1,150	850	580	14,000	3,720	200	60	910	350	NBR Lip	PREMIUM DGBB	0.31
NPXR-1.75	1,690	1,150	850	580	14,000	5,570	270	80	910	650	NBR Lip	PREMIUM DGBB	0.46
NPXR-2.00	3,630	2,250	1,820	1,130	11,000	6,850	290	90	1,340	650	NBR Lip	PREMIUM DGBB	0.94
NPXR-2.25	3,630	2,250	1,820	1,130	11,000	6,850	430	130	1,340	650	NBR Lip	PREMIUM DGBB	0.99
NPXR-2.50	5,390	3,510	2,700	1,760	8,500	9,180	380	120	1,340	650	NBR Lip	PREMIUM DGBB	0.99
NPXR-2.75	5,390	3,510	2,700	1,760	8,500	9,180	620	190	1,340	650	NBR Lip	PREMIUM DGBB	1.00
NPXR-3.00A	6,120	4,590	3,060	2,300	7,000	15,450	790	240	1,950	1,500	NBR Lip	PREMIUM DGBB	1.88
NPXR-3.25A	6,120	4,590	3,060	2,300	7,000	15,450	860	260	1,950	1,500	NBR Lip	PREMIUM DGBB	1.75
NPXR-3.50A	6,490	4,950	3,250	2,480	6,300	18,070	1,050	320	3,000	1,500	NBR Lip	PREMIUM DGBB	2.55
NPXR-4.00A	6,490	4,950	3,250	2,480	6,300	20,920	1,350	410	3,000	1,500	NBR Lip	PREMIUM DGBB	4.75



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

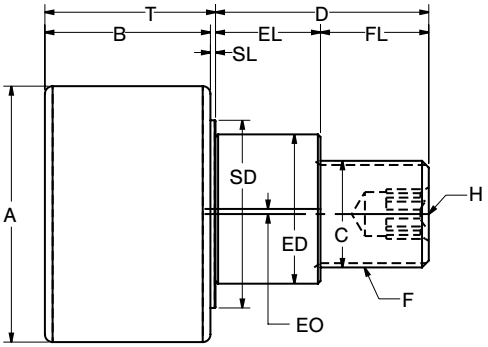
NPTRE – NON-METALLIC TREAD

Plain/Cylindrical – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
NPTRE-1.00	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
NPTRE-1.125	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
NPTRE-1.25	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
NPTRE-1.375	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
NPTRE-1.50	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	1.1	0.06	1.19
NPTRE-1.75	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	1.3	0.06	1.19
NPTRE-2.00	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
NPTRE-2.25	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
NPTRE-2.50	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
NPTRE-2.75	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
NPTRE-3.00A	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
NPTRE-3.25A	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
NPTRE-3.50A	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
NPTRE-4.00A	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00





NPTRE – NON-METALLIC TREAD

Plain/Cylindrical – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in*lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NPTRE-1.00	860	430	220	110	24,000	500	120	40	470	250	NBR Lip	PREMIUM DGBB	0.14
NPTRE-1.125	860	430	220	110	24,000	500	130	40	470	250	NBR Lip	PREMIUM DGBB	0.14
NPTRE-1.25	1,430	750	360	190	19,000	930	160	50	470	250	NBR Lip	PREMIUM DGBB	0.22
NPTRE-1.375	1,430	750	360	190	19,000	930	170	50	470	250	NBR Lip	PREMIUM DGBB	0.24
NPTRE-1.50	2,660	1,400	670	350	15,000	1,570	260	80	550	650	NBR Lip	PREMIUM DGBB	0.49
NPTRE-1.75	2,660	1,400	670	350	15,000	1,570	300	90	550	650	NBR Lip	PREMIUM DGBB	0.65
NPTRE-2.00	3,630	2,140	1,820	1,070	12,000	4,360	400	120	900	650	NBR Lip	PREMIUM DGBB	1.21
NPTRE-2.25	3,630	2,140	1,820	1,070	12,000	4,360	550	170	900	650	NBR Lip	PREMIUM DGBB	1.28
NPTRE-2.50	5,390	3,510	2,700	1,760	8,500	9,660	430	130	1,340	650	NBR Lip	PREMIUM DGBB	1.96
NPTRE-2.75	5,390	3,510	2,700	1,760	8,500	9,660	680	210	1,340	650	NBR Lip	PREMIUM DGBB	2.04
NPTRE-3.00A	7,400	5,040	3,700	2,520	8,000	17,870	880	270	1,950	1,500	NBR Lip	PREMIUM DGBB	3.42
NPTRE-3.25A	7,400	5,040	3,700	2,520	8,000	17,870	950	290	1,950	1,500	NBR Lip	PREMIUM DGBB	3.70
NPTRE-3.50A	7,400	5,040	3,700	2,520	8,000	17,870	1,020	310	1,950	1,500	NBR Lip	PREMIUM DGBB	4.00
NPTRE-4.00A	7,400	5,040	3,700	2,520	8,000	17,870	1,170	350	1,950	1,500	NBR Lip	PREMIUM DGBB	4.14



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

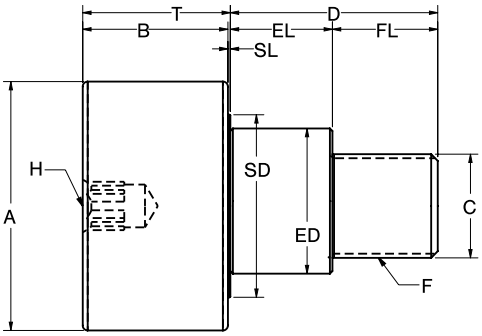
NPXRE – NON-METALLIC TREAD

Plain/Cylindrical – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
NPXRE-1.50	1.500	0.88	0.625	1.50	0.875	0.75	0.03	5/8 - 18	0.75	5/16	1.0	0.03	0.91
NPXRE-1.75	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	1.2	0.03	1.03
NPXRE-2.00	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28
NPXRE-2.25	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	1.5	0.03	1.28
NPXRE-2.50	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
NPXRE-2.75	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	1.9	0.03	1.53
NPXRE-3.00A	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
NPXRE-3.25A	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.03	1.78
NPXRE-3.50A	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	2.5	0.03	2.03
NPXRE-4.00A	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	2.5	0.03	2.28





NPXRE – NON-METALLIC TREAD

Plain/Cylindrical – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NPXRE-1.50	1,690	1,150	850	580	14,000	7,050	200	60	910	650	NBR Lip	PREMIUM DGBB	0.39
NPXRE-1.75	1,690	1,150	850	580	14,000	5,570	270	80	910	650	NBR Lip	PREMIUM DGBB	0.55
NPXRE-2.00	3,630	2,250	1,820	1,130	11,000	6,850	290	90	1,340	650	NBR Lip	PREMIUM DGBB	1.17
NPXRE-2.25	3,630	2,250	1,820	1,130	11,000	6,850	430	130	1,340	650	NBR Lip	PREMIUM DGBB	1.27
NPXRE-2.50	5,390	3,510	2,700	1,760	8,500	11,110	380	120	1,340	650	NBR Lip	PREMIUM DGBB	1.25
NPXRE-2.75	5,390	3,510	2,700	1,760	8,500	11,110	620	190	1,340	650	NBR Lip	PREMIUM DGBB	1.29
NPXRE-3.00A	6,120	4,590	3,060	2,300	7,000	24,920	790	240	1,950	1,500	NBR Lip	PREMIUM DGBB	2.32
NPXRE-3.25A	6,120	4,590	3,060	2,300	7,000	24,920	860	260	1,950	1,500	NBR Lip	PREMIUM DGBB	1.94
NPXRE-3.50A	6,490	4,950	3,250	2,480	6,300	33,660	1,050	320	3,000	1,500	NBR Lip	PREMIUM DGBB	3.09
NPXRE-4.00A	6,490	4,950	3,250	2,480	6,300	33,830	1,350	410	3,000	1,500	NBR Lip	PREMIUM DGBB	5.61



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

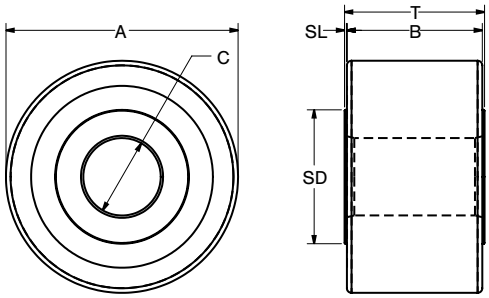
NPTRY – NON-METALLIC TREAD

Plain/Cylindrical – Carbon Steel Yoke
Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	SD	SL	T	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	SHOULDER		Inner Race Width +.005 -.010	Concentric Shaft	Eccentric Shaft
	Dia. +.000 -.001	Width		Dia.	Len.			
NPTRY-1.50	1.500	0.88	0.4380	0.9	0.03	0.937	YSH-.437	YSHE-.437
NPTRY-1.75	1.750	1.00	0.5005	0.9	0.03	1.063	YSH-.500	YSHE-.500
NPTRY-2.00	2.000	1.25	0.6255	1.1	0.03	1.313	YSH-.625	YSHE-.625
NPTRY-2.25	2.250	1.25	0.6255	1.1	0.03	1.313	YSH-.625	YSHE-.625
NPTRY-2.50	2.500	1.50	0.7505	1.2	0.03	1.563	YSH-.750	YSHE-.750
NPTRY-2.75	2.750	1.50	0.7505	1.2	0.03	1.563	YSH-.750	YSHE-.750
NPTRY-3.00A	3.000	1.75	1.0005	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
NPTRY-3.25A	3.250	1.75	1.0005	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
NPTRY-3.50A	3.500	2.00	1.1255	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
NPTRY-4.00A	4.000	2.25	1.2505	2.0	0.03	2.313	YSH-1.250	YSHE-1.250





NPTRY – NON-METALLIC TREAD

Plain/Cylindrical – Carbon Steel Yoke Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NPTRY-1.50	1,690	1,150	850	580	14,000	200	60	NBR Lip	PREMIUM DGBB	0.18
NPTRY-1.75	1,690	1,150	850	580	14,000	270	80	NBR Lip	PREMIUM DGBB	0.21
NPTRY-2.00	3,630	2,250	1,820	1,130	11,000	290	90	NBR Lip	PREMIUM DGBB	0.53
NPTRY-2.25	3,630	2,250	1,820	1,130	11,000	430	130	NBR Lip	PREMIUM DGBB	0.59
NPTRY-2.50	5,390	3,510	2,700	1,760	8,500	380	120	NBR Lip	PREMIUM DGBB	1.02
NPTRY-2.75	5,390	3,510	2,700	1,760	8,500	620	190	NBR Lip	PREMIUM DGBB	1.09
NPTRY-3.00A	6,120	4,590	3,060	2,300	7,000	790	240	NBR Lip	PREMIUM DGBB	1.51
NPTRY-3.25A	6,120	4,590	3,060	2,300	7,000	860	260	NBR Lip	PREMIUM DGBB	1.61
NPTRY-3.50A	6,490	4,950	3,250	2,480	6,300	1,050	320	NBR Lip	PREMIUM DGBB	2.15
NPTRY-4.00A	6,490	4,950	3,250	2,480	6,300	1,350	410	NBR Lip	PREMIUM DGBB	2.69



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

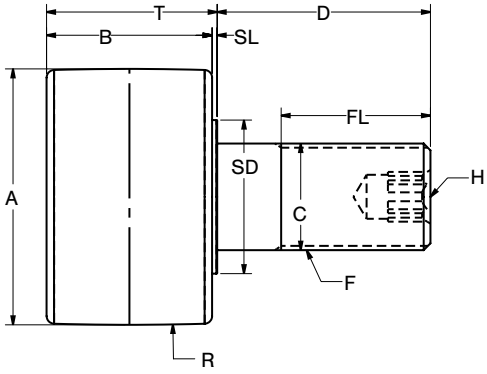
NCTR – NON-METALLIC TREAD

Crown/Spherical – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBERR	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width
NCTR-1.00	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	12	0.5	0.03	0.78
NCTR-1.125	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	12	0.5	0.03	0.78
NCTR-1.25	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	14	0.6	0.03	0.84
NCTR-1.375	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	14	0.6	0.03	0.84
NCTR-1.50	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	20	0.8	0.06	1.19
NCTR-1.75	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.06	1.19
NCTR-2.00	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.69
NCTR-2.25	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.69
NCTR-2.50	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	30	1.2	0.06	1.69
NCTR-2.75	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	30	1.2	0.06	1.69
NCTR-3.00A	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
NCTR-3.25A	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
NCTR-3.50A	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
NCTR-4.00A	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00





NCTR – NON-METALLIC TREAD

Crown/Spherical – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf)C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCTR-1.00	860	430	220	110	24,000	500	120	40	470	180	NBR Lip	PREMIUM DGBB	0.11
NCTR-1.125	860	430	220	110	24,000	500	130	40	470	180	NBR Lip	PREMIUM DGBB	0.12
NCTR-1.25	1,430	750	360	190	19,000	900	160	50	470	180	NBR Lip	PREMIUM DGBB	0.20
NCTR-1.375	1,430	750	360	190	19,000	900	170	50	470	180	NBR Lip	PREMIUM DGBB	0.21
NCTR-1.50	2,660	1,400	670	350	15,000	1,570	260	80	550	350	NBR Lip	PREMIUM DGBB	0.42
NCTR-1.75	2,660	1,400	670	350	15,000	1,570	300	90	550	650	NBR Lip	PREMIUM DGBB	0.55
NCTR-2.00	3,630	2,140	1,820	1,070	12,000	4,360	400	120	900	650	NBR Lip	PREMIUM DGBB	1.00
NCTR-2.25	3,630	2,140	1,820	1,070	12,000	4,360	450	140	900	650	NBR Lip	PREMIUM DGBB	1.07
NCTR-2.50	5,390	3,510	2,700	1,760	8,500	8,180	430	140	1,340	650	NBR Lip	PREMIUM DGBB	1.69
NCTR-2.75	5,390	3,510	2,700	1,760	8,500	8,180	470	140	1,340	650	NBR Lip	PREMIUM DGBB	1.78
NCTR-3.00A	7,400	5,040	3,700	2,520	8,000	13,580	880	270	1,950	1,500	NBR Lip	PREMIUM DGBB	2.83
NCTR-3.25A	7,400	5,040	3,700	2,520	8,000	13,580	950	290	1,950	1,500	NBR Lip	PREMIUM DGBB	2.95
NCTR-3.50A	7,400	5,040	3,700	2,520	8,000	13,580	1,020	310	1,950	1,500	NBR Lip	PREMIUM DGBB	3.17
NCTR-4.00A	7,400	5,040	2,520	2,520	8,000	13,580	1,170	350	1,950	1,500	NBR Lip	PREMIUM DGBB	3.44



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

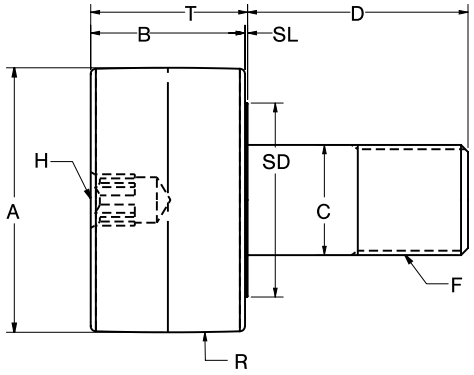
NCXR – NON-METALLIC TREAD

Crown/Spherical – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width
NCXR-1.50	1.500	0.88	0.625	1.50	5/8 - 18	0.75	5/16	20	0.8	0.03	0.91
NCXR-1.75	1.750	1.00	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.03	1.03
NCXR-2.00	2.000	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28
NCXR-2.25	2.250	1.25	0.875	2.00	7/8 - 14	1.00	5/16	24	1.0	0.03	1.28
NCXR-2.50	2.500	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
NCXR-2.75	2.750	1.50	1.000	2.25	1 - 14	1.13	3/8	30	1.2	0.03	1.53
NCXR-3.00A	3.000	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78
NCXR-3.25A	3.250	1.75	1.250	2.50	1 1/4 - 12	1.25	1/2	30	1.6	0.03	1.78
NCXR-3.50A	3.500	2.00	1.375	2.75	1 3/8 - 12	1.38	1/2	30	1.8	0.03	2.03
NCXR-4.00A	4.000	2.25	1.500	3.50	1 1/2 - 12	1.50	1/2	30	1.8	0.03	2.28





NCXR – NON-METALLIC TREAD

Crown/Spherical – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf)C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCXR-1.50	1,690	1,150	850	580	14,000	3,420	200	60	910	350	NBR Lip	PREMIUM DGBB	0.31
NCXR-1.75	1,690	1,150	850	580	14,000	5,570	270	80	910	650	NBR Lip	PREMIUM DGBB	0.46
NCXR-2.00	3,630	2,250	1,820	1,130	11,000	6,850	290	90	1,340	650	NBR Lip	PREMIUM DGBB	0.94
NCXR-2.25	3,630	2,250	1,820	1,130	11,000	6,850	430	130	1,340	650	NBR Lip	PREMIUM DGBB	0.99
NCXR-2.50	5,390	3,510	2,700	1,760	8,500	9,180	380	120	1,340	650	NBR Lip	PREMIUM DGBB	0.99
NCXR-2.75	5,390	3,510	2,700	1,760	8,500	9,180	620	190	1,340	650	NBR Lip	PREMIUM DGBB	1.00
NCXR-3.00A	6,120	4,590	3,060	2,300	7,000	15,450	790	240	1,950	1,500	NBR Lip	PREMIUM DGBB	1.88
NCXR-3.25A	6,120	4,590	3,060	2,300	7,000	15,450	860	260	1,950	1,500	NBR Lip	PREMIUM DGBB	1.75
NCXR-3.50A	6,490	4,950	3,250	2,480	6,300	18,070	1,050	320	3,000	1,500	NBR Lip	PREMIUM DGBB	2.55
NCXR-4.00A	6,490	4,950	3,250	2,480	6,300	20,920	1,350	410	3,000	1,500	NBR Lip	PREMIUM DGBB	4.75



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

NCTRE – NON-METALLIC TREAD

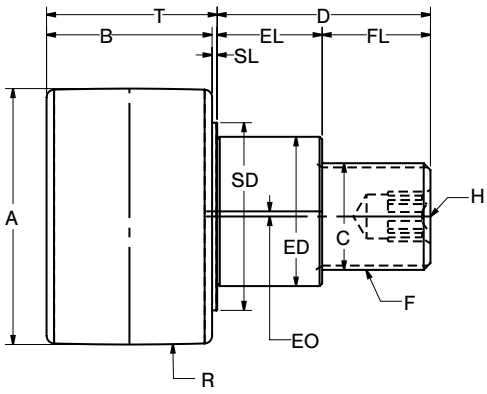
Crown/Spherical – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width
NCTRE-1.00	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	12	0.7	0.03	0.78
NCTRE-1.125	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	12	0.7	0.03	0.78
NCTRE-1.25	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	14	0.8	0.03	0.84
NCTRE-1.375	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	14	0.8	0.03	0.84
NCTRE-1.50	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	20	1.1	0.06	1.19
NCTRE-1.75	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	20	1.3	0.06	1.19
NCTRE-2.00	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	24	1.5	0.06	1.69
NCTRE-2.25	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	24	1.5	0.06	1.69
NCTRE-2.50	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	30	1.7	0.06	1.69
NCTRE-2.75	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	30	1.7	0.06	1.69
NCTRE-3.00A	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.06	2.00
NCTRE-3.25A	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.06	2.00
NCTRE-3.50A	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00
NCTRE-4.00A	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00





NCTRE – NON-METALLIC TREAD

Crown/Spherical – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCTRE-1.00	860	430	220	110	24,000	500	120	40	470	250	NBR Lip	PREMIUM DGBB	0.14
NCTRE-1.125	860	430	220	110	24,000	500	130	40	470	250	NBR Lip	PREMIUM DGBB	0.14
NCTRE-1.25	1,430	750	360	190	19,000	930	160	50	470	250	NBR Lip	PREMIUM DGBB	0.20
NCTRE-1.375	1,430	750	360	190	19,000	930	170	50	470	250	NBR Lip	PREMIUM DGBB	0.22
NCTRE-1.50	2,660	1,400	670	350	15,000	1,570	260	80	550	650	NBR Lip	PREMIUM DGBB	0.47
NCTRE-1.75	2,660	1,400	670	350	15,000	1,570	300	90	550	650	NBR Lip	PREMIUM DGBB	0.63
NCTRE-2.00	3,630	2,140	1,820	1,070	12,000	4,360	400	120	900	650	NBR Lip	PREMIUM DGBB	1.19
NCTRE-2.25	3,630	2,140	1,820	1,070	12,000	4,360	450	140	900	650	NBR Lip	PREMIUM DGBB	1.19
NCTRE-2.50	5,390	3,510	2,700	1,760	8,500	9,660	430	140	1,340	650	NBR Lip	PREMIUM DGBB	1.83
NCTRE-2.75	5,390	3,510	2,700	1,760	8,500	9,660	470	140	1,340	650	NBR Lip	PREMIUM DGBB	1.89
NCTRE-3.00A	7,400	5,040	3,700	2,520	8,000	17,870	880	270	1,950	1,500	NBR Lip	PREMIUM DGBB	3.30
NCTRE-3.25A	7,400	5,040	3,700	2,520	8,000	17,870	950	290	1,950	1,500	NBR Lip	PREMIUM DGBB	3.58
NCTRE-3.50A	7,400	5,040	3,700	2,520	8,000	17,870	1,020	310	1,950	1,500	NBR Lip	PREMIUM DGBB	3.85
NCTRE-4.00A	7,400	5,040	3,700	2,520	8,000	17,870	1,170	350	1,950	1,500	NBR Lip	PREMIUM DGBB	3.92



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

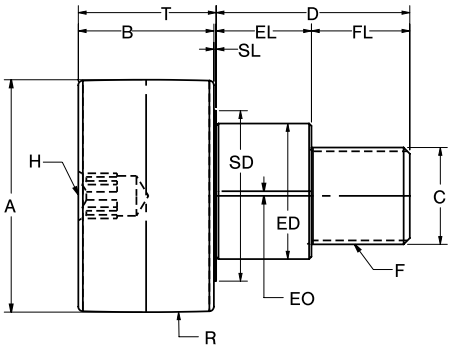
NCXRE – NON-METALLIC TREAD

Crown/Spherical – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width
NCXRE-1.50	1.500	0.88	0.625	1.50	0.875	0.75	0.03	5/8 - 18	0.75	5/16	20	1.0	0.03	0.91
NCXRE-1.75	1.750	1.00	0.750	1.75	1.000	0.88	0.03	3/4 - 16	0.90	5/16	20	1.2	0.03	1.03
NCXRE-2.00	2.000	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28
NCXRE-2.25	2.250	1.25	0.875	2.00	1.187	1.00	0.03	7/8 - 14	1.00	5/16	24	1.5	0.03	1.28
NCXRE-2.50	2.500	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
NCXRE-2.75	2.750	1.50	1.000	2.25	1.375	1.12	0.03	1 - 14	1.13	3/8	30	1.9	0.03	1.53
NCXRE-3.00A	3.000	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
NCXRE-3.25A	3.250	1.75	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.03	1.78
NCXRE-3.50A	3.500	2.00	1.375	2.75	1.812	1.37	0.06	1 3/8 - 12	1.39	1/2	30	2.5	0.03	2.03
NCXRE-4.00A	4.000	2.25	1.500	3.50	2.000	2.00	0.06	1 1/2 - 12	1.50	1/2	30	2.5	0.03	2.28





NCXRE – NON-METALLIC TREAD

Crown/Spherical – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE XR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCXRE-1.50	1,690	1,150	850	580	14,000	7,050	200	60	910	650	NBR Lip	PREMIUM DGBB	0.39
NCXRE-1.75	1,690	1,150	850	580	14,000	5,570	270	80	910	650	NBR Lip	PREMIUM DGBB	0.55
NCXRE-2.00	3,630	2,250	1,820	1,130	11,000	6,850	290	90	1,340	650	NBR Lip	PREMIUM DGBB	1.17
NCXRE-2.25	3,630	2,250	1,820	1,130	11,000	6,850	430	130	1,340	650	NBR Lip	PREMIUM DGBB	1.27
NCXRE-2.50	5,390	3,510	2,700	1,760	8,500	11,110	380	120	1,340	350	NBR Lip	PREMIUM DGBB	1.25
NCXRE-2.75	5,390	3,510	2,700	1,760	8,500	11,110	620	190	1,340	650	NBR Lip	PREMIUM DGBB	1.29
NCXRE-3.00A	6,120	4,590	3,060	2,300	7,000	24,920	790	240	1,950	1,500	NBR Lip	PREMIUM DGBB	2.32
NCXRE-3.25A	6,120	4,590	3,060	2,300	7,000	24,920	860	260	1,950	1,500	NBR Lip	PREMIUM DGBB	1.94
NCXRE-3.50A	6,490	4,950	3,250	2,480	6,300	33,660	1,050	320	3,000	1,500	NBR Lip	PREMIUM DGBB	3.09
NCXRE-4.00A	6,490	4,950	3,250	2,480	6,300	33,830	1,350	410	3,000	1,500	NBR Lip	PREMIUM DGBB	5.61



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

NCTRY – NON-METALLIC TREAD

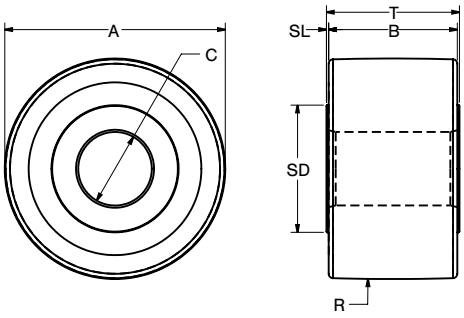
Crowned/Spherical – Carbon Steel Yoke
Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	R	SD	SL	T
	ROLLER		Bore Dia. +.0007 -.0000	Crown Radius	SHOULDER		Inner Race Width +.005 -.010
	Dia. +.000 -.001	Width			Dia.	Len.	
NCTRY-1.50	1.500	0.88	0.4380	20	0.9	0.03	0.937
NCTRY-1.75	1.750	1.00	0.5005	20	0.9	0.03	1.063
NCTRY-2.00	2.000	1.25	0.6255	24	1.1	0.03	1.313
NCTRY-2.25	2.250	1.25	0.6255	24	1.1	0.03	1.313
NCTRY-2.50	2.500	1.50	0.7505	30	1.2	0.03	1.563
NCTRY-2.75	2.750	1.50	0.7505	30	1.2	0.03	1.563
NCTRY-3.00A	3.000	1.75	1.0005	30	1.8	0.03	1.813
NCTRY-3.25A	3.250	1.75	1.0005	30	1.8	0.03	1.813
NCTRY-3.50A	3.500	2.00	1.1255	30	2.0	0.03	2.063
NCTRY-4.00A	4.000	2.25	1.2505	30	2.0	0.03	2.313

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.437	YSHE-.437
YSH-.500	YSHE-.500
YSH-.625	YSHE-.625
YSH-.625	YSHE-.625
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-1.000	YSHE-1.000
YSH-1.000	YSHE-1.000
YSH-1.125	YSHE-1.125
YSH-1.250	YSHE-1.250





NCTRY – NON-METALLIC TREAD

Crowned/Spherical – Carbon Steel Yoke Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCTRY-1.50	1,690	1,150	850	580	14,000	200	60	NBR Lip	PREMIUM DGBB	0.18
NCTRY-1.75	1,690	1,150	850	580	14,000	270	80	NBR Lip	PREMIUM DGBB	0.21
NCTRY-2.00	3,630	2,250	1,820	1,130	11,000	290	90	NBR Lip	PREMIUM DGBB	0.53
NCTRY-2.25	3,630	2,250	1,820	1,130	11,000	430	130	NBR Lip	PREMIUM DGBB	0.59
NCTRY-2.50	5,390	3,510	2,700	1,760	8,500	380	120	NBR Lip	PREMIUM DGBB	1.02
NCTRY-2.75	5,390	3,510	2,700	1,760	8,500	620	190	NBR Lip	PREMIUM DGBB	1.09
NCTRY-3.00A	6,120	4,590	3,060	2,300	7,000	790	240	NBR Lip	PREMIUM DGBB	1.51
NCTRY-3.25A	6,120	4,590	3,060	2,300	7,000	860	260	NBR Lip	PREMIUM DGBB	1.61
NCTRY-3.50A	6,490	4,950	3,250	2,480	6,300	1,050	320	NBR Lip	PREMIUM DGBB	2.15
NCTRY-4.00A	6,490	4,950	3,250	2,480	6,300	1,350	410	NBR Lip	PREMIUM DGBB	2.69



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

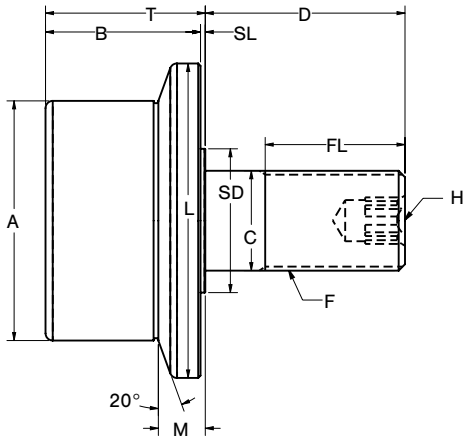
NFTR – NON-METALLIC TREAD

Flanged – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
NFTR-1.00	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.38	0.22	0.5	0.03	0.78
NFTR-1.125	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.50	0.22	0.5	0.03	0.78
NFTR-1.25	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.56	0.22	0.6	0.03	0.84
NFTR-1.375	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.69	0.22	0.6	0.03	0.84
NFTR-1.50-2	1.500	1.00	0.500	1.38	1/2- 20	0.75	1/4	2.00	0.34	0.6	0.06	1.06
NFTR-1.50	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.19	0.34	0.8	0.06	1.19
NFTR-1.75	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	2.44	0.34	0.9	0.06	1.19
NFTR-2.00	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59	1.0	0.06	1.69
NFTR-2.00-9	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59*	1.0	0.06	1.69
NFTR-2.25	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.59	1.0	0.06	1.69
NFTR-2.50	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	3.19	0.59	1.2	0.06	1.69
NFTR-2.75	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	3.44	0.59	1.2	0.06	1.69
NFTR-3.00A	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.5	0.06	2.00
NFTR-3.25A	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.5	0.06	2.00
NFTR-3.50A	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.5	0.06	2.00
NFTR-4.00A	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.5	0.06	2.00





NFTR – NON-METALLIC TREAD

Flanged – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf)C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NFTR-1.00	860	430	220	110	24,000	380	80	30	470	180	NBR Lip	PREMIUM DGBB	0.12
NFTR-1.125	860	430	220	110	24,000	380	90	30	470	180	NBR Lip	PREMIUM DGBB	0.12
NFTR-1.25	1,430	750	360	190	19,000	710	120	40	470	180	NBR Lip	PREMIUM DGBB	0.20
NFTR-1.375	1,430	750	360	190	19,000	710	130	40	470	180	NBR Lip	PREMIUM DGBB	0.21
NFTR-1.50-2	1,970	1,070	500	270	17,000	740	180	60	550	350	NBR Lip	PREMIUM DGBB	0.24
NFTR-1.50	2,660	1,400	670	350	15,000	1,210	150	50	470	350	NBR Lip	PREMIUM DGBB	0.37
NFTR-1.75	2,660	1,400	670	350	15,000	1,210	210	70	550	650	NBR Lip	PREMIUM DGBB	0.53
NFTR-2.00	3,630	2,140	1,820	1,070	12,000	2,830	320	100	900	650	NBR Lip	PREMIUM DGBB	0.96
NFTR-2.00-9	3,630	2,140	1,820	1,070	12,000	2,830	320	100	900	650	NBR Lip	PREMIUM DGBB	0.99
NFTR-2.25	3,630	2,140	1,820	1,070	12,000	2,830	360	110	900	650	NBR Lip	PREMIUM DGBB	1.23
NFTR-2.50	5,390	3,510	2,700	1,760	8,500	6,280	430	130	1,340	650	NBR Lip	PREMIUM DGBB	1.80
NFTR-2.75	5,390	3,510	2,700	1,760	8,500	6,280	430	130	1,340	650	NBR Lip	PREMIUM DGBB	2.20
NFTR-3.00A	7,400	5,040	3,700	2,520	8,000	10,800	610	190	1,950	1,500	NBR Lip	PREMIUM DGBB	2.93
NFTR-3.25A	7,400	5,040	3,700	2,520	8,000	10,800	660	200	1,950	1,500	NBR Lip	PREMIUM DGBB	3.06
NFTR-3.50A	7,400	5,040	3,700	2,520	8,000	10,800	710	220	1,950	1,500	NBR Lip	PREMIUM DGBB	3.29
NFTR-4.00A	7,400	5,040	3,700	2,520	8,000	10,800	810	250	1,950	1,500	NBR Lip	PREMIUM DGBB	3.54



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

NFTRE – NON-METALLIC TREAD

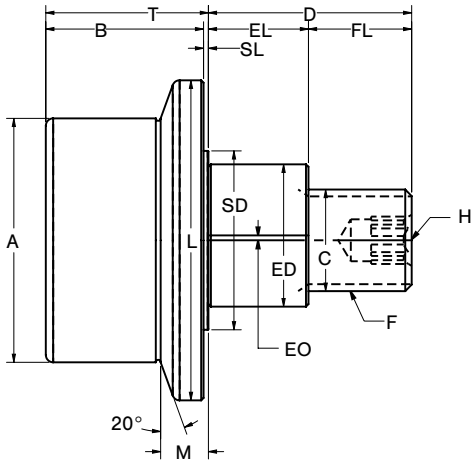
Flanged – Carbon Steel Stud Eccentric
Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
NFTRE-1.00	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.38	0.22	0.7	0.03	0.78
NFTRE-1.125	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.50	0.22	0.7	0.03	0.78
NFTRE-1.25	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.56	0.22	0.8	0.03	0.84
NFTRE-1.375	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.69	0.22	0.8	0.03	0.84
NFTRE-1.50-2	1.500	1.00	0.500	1.38	0.687	0.61	0.03	1/2- 20	0.75	1/4	2.00	0.34	0.8	0.06	1.06
NFTRE-1.50	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.19	0.34	1.1	0.06	1.19
NFTRE-1.75	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	2.44	0.34	1.3	0.06	1.19
NFTRE-2.00	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59	1.5	0.06	1.69
NFTRE-2.00-9	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59*	1.5	0.06	1.69
NFTRE-2.25	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.59	1.5	0.06	1.69
NFTRE-2.50	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.19	0.59	1.7	0.06	1.69
NFTRE-2.75	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.44	0.59	1.7	0.06	1.69
NFTRE-3.00A	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00
NFTRE-3.25A	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00
NFTRE-3.50A	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00
NFTRE-4.00A	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00





NFTRE – NON-METALLIC TREAD

Flanged – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NFTRE-1.00	860	430	220	110	24,000	380	80	30	470	250	NBR Lip	PREMIUM DGBB	0.15
NFTRE-1.125	860	430	220	110	24,000	380	90	30	470	250	NBR Lip	PREMIUM DGBB	0.14
NFTRE-1.25	1,430	750	360	190	19,000	710	120	40	470	250	NBR Lip	PREMIUM DGBB	0.22
NFTRE-1.375	1,430	750	360	190	19,000	710	130	40	470	250	NBR Lip	PREMIUM DGBB	0.24
NFTRE-1.50-2	1,970	1,070	500	270	17,000	740	180	60	550	650	NBR Lip	PREMIUM DGBB	0.27
NFTRE-1.50	2,660	1,400	670	350	15,000	1,210	150	50	470	650	NBR Lip	PREMIUM DGBB	0.44
NFTRE-1.75	2,660	1,400	670	350	15,000	1,210	210	70	550	650	NBR Lip	PREMIUM DGBB	0.63
NFTRE-2.00	3,630	2,140	1,820	1,070	12,000	2,830	320	100	900	650	NBR Lip	PREMIUM DGBB	1.17
NFTRE-2.00-9	3,630	2,140	1,820	1,070	12,000	2,830	320	100	900	650	NBR Lip	PREMIUM DGBB	1.20
NFTRE-2.25	3,630	2,140	1,820	1,070	12,000	2,830	360	110	900	650	NBR Lip	PREMIUM DGBB	1.44
NFTRE-2.50	5,390	3,510	2,700	1,760	8,500	7,020	430	130	1,340	650	NBR Lip	PREMIUM DGBB	2.07
NFTRE-2.75	5,390	3,510	2,700	1,760	8,500	7,020	430	130	1,340	650	NBR Lip	PREMIUM DGBB	2.46
NFTRE-3.00A	7,400	5,040	3,700	2,520	8,000	12,750	610	190	1,950	1,500	NBR Lip	PREMIUM DGBB	3.52
NFTRE-3.25A	7,400	5,040	3,700	2,520	8,000	12,750	660	200	1,950	1,500	NBR Lip	PREMIUM DGBB	3.81
NFTRE-3.50A	7,400	5,040	3,700	2,520	8,000	12,750	710	220	1,950	1,500	NBR Lip	PREMIUM DGBB	4.12
NFTRE-4.00A	7,400	5,040	3,700	2,520	8,000	12,750	810	250	1,950	1,500	NBR Lip	PREMIUM DGBB	4.24



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

Solutions Through Innovation

NFTRY – NON-METALLIC TREAD

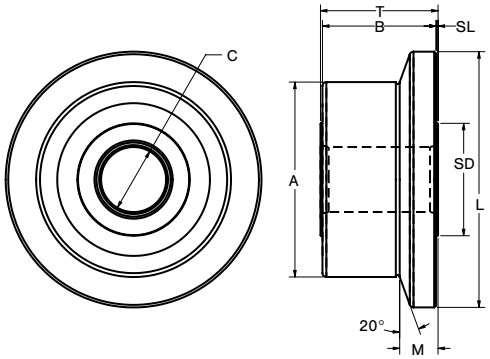
Flanged – Carbon Steel Yoke
Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T
	ROLLER			FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Bore Dia. +.000 -.001	Dia.	Width	Dia.	Len.	Inner Race Width +.005 -.010
NFTRY-1.50	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937
NFTRY-1.75	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063
NFTRY-2.00	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313
NFTRY-2.25	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313
NFTRY-2.50	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563
NFTRY-2.75	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563
NFTRY-3.00A	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813
NFTRY-3.25A	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813
NFTRY-3.50A	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063
NFTRY-4.00A	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.437	YSHE-.437
YSH-.500	YSHE-.500
YSH-.625	YSHE-.625
YSH-.625	YSHE-.625
YSH-.750	YSHE-.750
YSH-.750	YSHE-.750
YSH-1.000	YSHE-1.000
YSH-1.000	YSHE-1.000
YSH-1.125	YSHE-1.125
YSH-1.250	YSHE-1.250





NFTRY – NON-METALLIC TREAD

Flanged – Carbon Steel Yoke
Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NFTRY-1.50	1,690	1,150	850	580	14,000	150	50	NBR Lip	PREMIUM DGBB	0.19
NFTRY-1.75	1,690	1,150	850	580	14,000	200	60	NBR Lip	PREMIUM DGBB	0.23
NFTRY-2.00	3,630	2,250	1,820	1,130	11,000	290	90	NBR Lip	PREMIUM DGBB	0.58
NFTRY-2.25	3,630	2,250	1,820	1,130	11,000	320	100	NBR Lip	PREMIUM DGBB	0.63
NFTRY-2.50	5,390	3,510	2,700	1,760	8,500	380	120	NBR Lip	PREMIUM DGBB	1.07
NFTRY-2.75	5,390	3,510	2,700	1,760	8,500	420	130	NBR Lip	PREMIUM DGBB	1.15
NFTRY-3.00A	6,120	4,590	3,060	2,300	7,000	530	160	NBR Lip	PREMIUM DGBB	1.63
NFTRY-3.25A	6,120	4,590	3,060	2,300	7,000	570	170	NBR Lip	PREMIUM DGBB	1.74
NFTRY-3.50A	6,490	4,950	3,250	2,480	6,300	740	230	NBR Lip	PREMIUM DGBB	2.26
NFTRY-4.00A	6,490	4,950	3,250	2,480	6,300	1,000	300	NBR Lip	PREMIUM DGBB	2.84



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

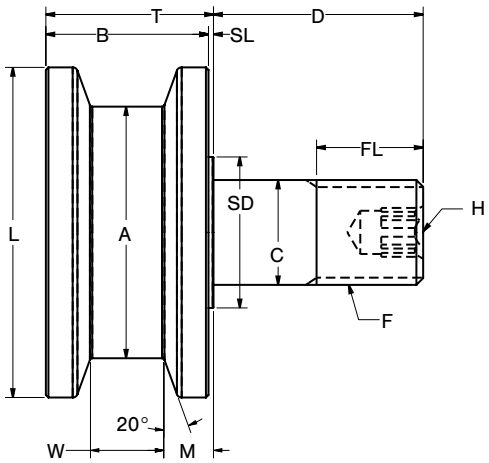
NFFTR – NON-METALLIC TREAD

Double Flanged – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T	W
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER			Tread Width
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	
NFFTR-1.00	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.38	0.22	0.5	0.03	0.78	0.37
NFFTR-1.125	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.50	0.22	0.5	0.03	0.78	0.37
NFFTR-1.25	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.56	0.22	0.6	0.03	0.84	0.43
NFFTR-1.375	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.69	0.22	0.6	0.03	0.84	0.43
NFFTR-1.50	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.19	0.34	0.8	0.06	1.19	0.57
NFFTR-1.75	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	2.44	0.34	0.9	0.06	1.19	0.57
NFFTR-2.00	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59	1.0	0.06	1.69	0.57
NFFTR-2.25	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.59	1.0	0.06	1.69	0.57
NFFTR-2.50	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	3.19	0.59	1.2	0.06	1.69	0.57
NFFTR-2.75	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	3.44	0.59	1.2	0.06	1.69	0.57
NFFTR-3.00A	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.5	0.06	2.00	0.88
NFFTR-3.25A	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.5	0.06	2.00	0.88
NFFTR-3.50A	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.5	0.06	2.00	0.88
NFFTR-4.00A	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.5	0.06	2.00	0.88





NFFTR – NON-METALLIC TREAD

Double Flanged – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf)C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NFFTR-1.00	860	430	220	110	24,000	500	60	20	470	180	NBR Lip	PREMIUM DGBB	0.12
NFFTR-1.125	860	430	220	110	24,000	500	70	20	470	180	NBR Lip	PREMIUM DGBB	0.13
NFFTR-1.25	1,430	750	360	190	19,000	900	90	30	470	180	NBR Lip	PREMIUM DGBB	0.21
NFFTR-1.375	1,430	750	360	190	19,000	900	90	30	470	180	NBR Lip	PREMIUM DGBB	0.22
NFFTR-1.50	2,660	1,400	670	350	15,000	1,570	130	40	550	350	NBR Lip	PREMIUM DGBB	0.46
NFFTR-1.75	2,660	1,400	670	350	15,000	1,570	150	50	550	650	NBR Lip	PREMIUM DGBB	0.60
NFFTR-2.00	3,630	2,140	1,820	1,070	12,000	4,360	180	60	900	650	NBR Lip	PREMIUM DGBB	1.12
NFFTR-2.25	3,630	2,140	1,820	1,070	12,000	4,360	200	60	900	650	NBR Lip	PREMIUM DGBB	1.20
NFFTR-2.50	5,390	3,510	2,700	1,760	8,500	8,180	220	70	1,340	650	NBR Lip	PREMIUM DGBB	1.83
NFFTR-2.75	5,390	3,510	2,700	1,760	8,500	8,180	240	80	1,340	650	NBR Lip	PREMIUM DGBB	1.93
NFFTR-3.00A	7,400	5,040	3,700	2,520	8,000	13,580	400	120	1,950	1,500	NBR Lip	PREMIUM DGBB	3.05
NFFTR-3.25A	7,400	5,040	3,700	2,520	8,000	13,580	430	130	1,950	1,500	NBR Lip	PREMIUM DGBB	3.25
NFFTR-3.50A	7,400	5,040	3,700	2,520	8,000	13,580	470	140	1,950	1,500	NBR Lip	PREMIUM DGBB	3.94
NFFTR-4.00A	7,400	5,040	3,700	2,520	8,000	13,580	530	160	1,950	1,500	NBR Lip	PREMIUM DGBB	4.12



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

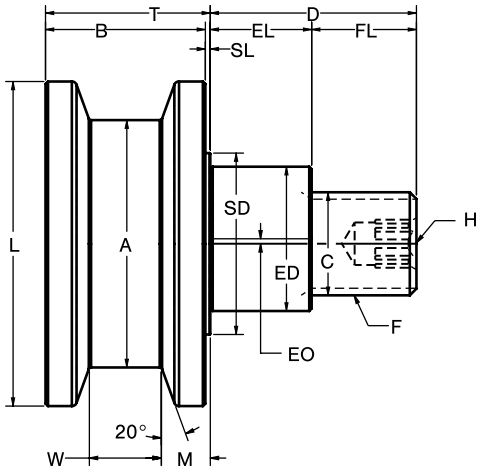
NFFTRE – NON-METALLIC TREAD

Double Flanged – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T	W
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER			Tread Width
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width	
NFFTRE-1.00	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.38	0.22	0.7	0.03	0.78	0.37
NFFTRE-1.125	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.50	0.22	0.7	0.03	0.78	0.37
NFFTRE-1.25	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.56	0.22	0.8	0.03	0.84	0.43
NFFTRE-1.375	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.69	0.22	0.8	0.03	0.84	0.43
NFFTRE-1.50	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.19	0.34	1.1	0.06	1.19	0.57
NFFTRE-1.75	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	2.44	0.34	1.3	0.06	1.19	0.57
NFFTRE-2.00	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59	1.5	0.06	1.69	0.57
NFFTRE-2.25	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.59	1.5	0.06	1.69	0.57
NFFTRE-2.50	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.19	0.59	1.7	0.06	1.69	0.57
NFFTRE-2.75	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.44	0.59	1.7	0.06	1.69	0.57
NFFTRE-3.00A	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00	0.88
NFFTRE-3.25A	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00	0.88
NFFTRE-3.50A	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00	0.88
NFFTRE-4.00A	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00	0.88





NFFTRE – NON-METALLIC TREAD

Double Flanged – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NFFTRE-1.00	860	430	220	110	24,000	500	60	20	470	250	NBR Lip	PREMIUM DGBB	0.15
NFFTRE-1.125	860	430	220	110	24,000	500	70	20	470	250	NBR Lip	PREMIUM DGBB	0.15
NFFTRE-1.25	1,430	750	360	190	19,000	930	90	30	470	250	NBR Lip	PREMIUM DGBB	0.23
NFFTRE-1.375	1,430	750	360	190	19,000	930	90	30	470	250	NBR Lip	PREMIUM DGBB	0.25
NFFTRE-1.50	2,660	1,400	670	350	15,000	1,570	130	40	550	650	NBR Lip	PREMIUM DGBB	0.53
NFFTRE-1.75	2,660	1,400	670	350	15,000	1,570	150	50	550	650	NBR Lip	PREMIUM DGBB	0.70
NFFTRE-2.00	3,630	2,140	1,820	1,070	12,000	4,360	180	60	900	650	NBR Lip	PREMIUM DGBB	1.33
NFFTRE-2.25	3,630	2,140	1,820	1,070	12,000	4,360	200	60	900	650	NBR Lip	PREMIUM DGBB	1.41
NFFTRE-2.50	5,390	3,510	2,700	1,760	8,500	9,660	220	70	1,340	650	NBR Lip	PREMIUM DGBB	2.10
NFFTRE-2.75	5,390	3,510	2,700	1,760	8,500	9,660	240	80	1,340	650	NBR Lip	PREMIUM DGBB	2.19
NFFTRE-3.00A	7,400	5,040	3,700	2,520	8,000	17,870	400	120	1,950	1,500	NBR Lip	PREMIUM DGBB	3.64
NFFTRE-3.25A	7,400	5,040	3,700	2,520	8,000	17,870	430	130	1,950	1,500	NBR Lip	PREMIUM DGBB	4.00
NFFTRE-3.50A	7,400	5,040	3,700	2,520	8,000	17,870	470	140	1,950	1,500	NBR Lip	PREMIUM DGBB	4.77
NFFTRE-4.00A	7,400	5,040	3,700	2,520	8,000	17,870	530	160	1,950	1,500	NBR Lip	PREMIUM DGBB	4.82



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

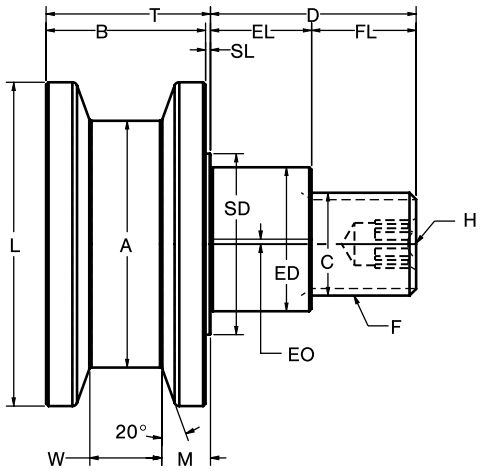
NFFTRY – NON-METALLIC TREAD

Double Flanged – Carbon Steel Yoke
Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T	W	OPTIONAL PCI YOKE SHAFT	
	ROLLER		Bore Dia. +.0007 -.0000	FLANGE		SHOULDER		Inner Race Width +.005 -.010	Thread Width	Concentric Shaft	Eccentric Shaft
	Dia.	Width		Dia.	Width	Dia.	Len.				
NFFTRY-1.50	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	0.50	YSH-.437	YSHE-.437
NFFTRY-1.75	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	0.56	YSH-.500	YSHE-.500
NFFTRY-2.00	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	0.69	YSH-.625	YSHE-.625
NFFTRY-2.25	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	0.69	YSH-.625	YSHE-.625
NFFTRY-2.50	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	0.56	YSH-.750	YSHE-.750
NFFTRY-2.75	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	0.56	YSH-.750	YSHE-.750
NFFTRY-3.00A	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63	YSH-1.000	YSHE-1.000
NFFTRY-3.25A	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63	YSH-1.000	YSHE-1.000
NFFTRY-3.50A	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88	YSH-1.125	YSHE-1.125
NFFTRY-4.00A	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13	YSH-1.250	YSHE-1.250





NFFTRY – NON-METALLIC TREAD

Double Flanged – Carbon Steel Yoke
Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NFFTRY-1.50	1,690	1,150	850	580	14,000	120	40	NBR Lip	PREMIUM DGBB	0.20
NFFTRY-1.75	1,690	1,150	850	580	14,000	150	50	NBR Lip	PREMIUM DGBB	0.24
NFFTRY-2.00	3,630	2,250	1,820	1,130	11,000	210	70	NBR Lip	PREMIUM DGBB	0.62
NFFTRY-2.25	3,630	2,250	1,820	1,130	11,000	240	70	NBR Lip	PREMIUM DGBB	0.68
NFFTRY-2.50	5,390	3,510	2,700	1,760	8,500	220	70	NBR Lip	PREMIUM DGBB	1.12
NFFTRY-2.75	5,390	3,510	2,700	1,760	8,500	240	70	NBR Lip	PREMIUM DGBB	1.21
NFFTRY-3.00A	6,120	4,590	3,060	2,300	7,000	290	90	NBR Lip	PREMIUM DGBB	1.75
NFFTRY-3.25A	6,120	4,590	3,060	2,300	7,000	310	100	NBR Lip	PREMIUM DGBB	1.92
NFFTRY-3.50A	6,490	4,950	3,250	2,480	6,300	470	140	NBR Lip	PREMIUM DGBB	2.42
NFFTRY-4.00A	6,490	4,950	3,250	2,480	6,300	680	210	NBR Lip	PREMIUM DGBB	3.00



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

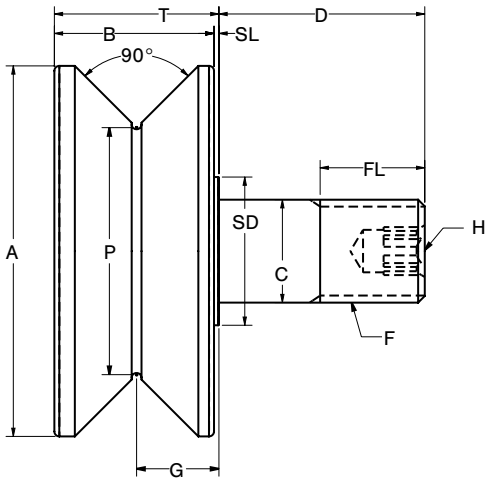
NVTR – NON-METALLIC TREAD

V-Groove – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.				Dia.	Len.	Len. + Roller Width
NVTR-1.50	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	3/16	1.125	0.5	0.03	0.78
NVTR-2.00	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	3/16	1.375	0.6	0.03	0.84
NVTR-2.50	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	1.500	0.9	0.06	1.31
NVTR-3.50	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	2.250	1.0	0.06	1.69
NVTR-4.50A	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.5	0.06	2.00
NVTR-5.50A	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.5	0.06	2.00





NVTR – NON-METALLIC TREAD

V-Groove – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf)C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NVTR-1.50	860	430	220	110	24,000	530	70	20	470	180	NBR Lip	PREMIUM DGBB	0.14
NVTR-2.00	1,430	750	360	190	19,000	930	130	40	470	180	NBR Lip	PREMIUM DGBB	0.25
NVTR-2.50	2,660	1,400	670	350	15,000	1,390	230	70	550	650	NBR Lip	PREMIUM DGBB	0.64
NVTR-3.50	4,920	2,950	2,460	1,480	10,000	4,850	430	130	1,340	650	NBR Lip	PREMIUM DGBB	1.50
NVTR-4.50A	7,400	5,040	3,700	2,520	8,000	13,990	680	210	1,950	1,500	NBR Lip	PREMIUM DGBB	3.31
NVTR-5.50A	7,400	5,040	3,700	2,520	8,000	13,990	900	270	1,950	1,500	NBR Lip	PREMIUM DGBB	4.07



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

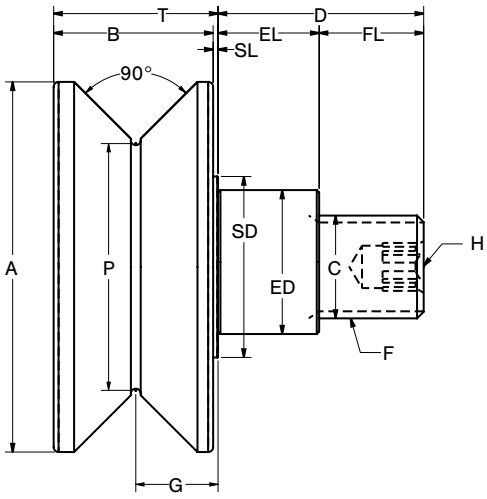
NVTRE – NON-METALLIC TREAD

V-Groove – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.000-.001	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width
NVTRE-1.50	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.39	3/16	1.125	0.7	0.03	0.78
NVTRE-2.00	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.42	3/16	1.375	0.8	0.03	0.84
NVTRE-2.50	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	5/16	1.500	1.3	0.06	1.31
NVTRE-3.50	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	5/16	2.250	1.5	0.06	1.69
NVTRE-4.50A	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	3.000	2.2	0.06	2.00
NVTRE-5.50A	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	1/2	4.000	2.2	0.06	2.00





NVTRE – NON-METALLIC TREAD

V-Groove – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NVTRE-1.50	860	430	220	110	24,000	500	70	20	470	250	NBR Lip	PREMIUM DGBB	0.17
NVTRE-2.00	1,430	750	360	190	19,000	900	130	40	470	250	NBR Lip	PREMIUM DGBB	0.28
NVTRE-2.50	2,660	1,400	670	350	15,000	1,390	230	70	550	650	NBR Lip	PREMIUM DGBB	0.71
NVTRE-3.50	4,920	2,950	2,460	1,480	10,000	5,370	430	130	1,340	650	NBR Lip	PREMIUM DGBB	1.55
NVTRE-4.50A	7,400	5,040	3,700	2,520	8,000	17,870	680	210	1,950	1,500	NBR Lip	PREMIUM DGBB	3.94
NVTRE-5.50A	7,400	5,040	3,700	2,520	8,000	17,870	900	270	1,950	1,500	NBR Lip	PREMIUM DGBB	4.49



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

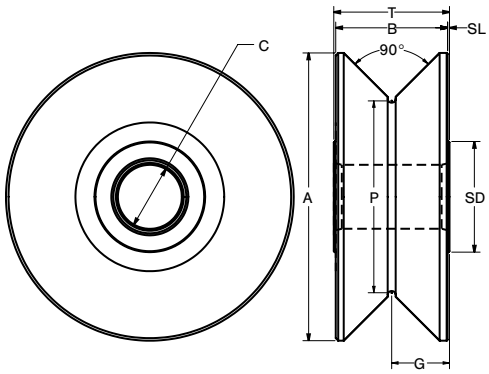
NVTRY – NON-METALLIC TREAD

V-Groove – Carbon Steel Yoke
Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T	OPTIONAL PCI YOKE SHAFT	
	ROLLER					SHOULDER				
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Point Dia. +.000- .001	Dia.	Len.	Inner Race Width +.005 -.010	Concentric Shaft	Eccentric Shaft
NVTRY-2.50-9	2.50	0.88	0.4380	0.47	1.750	0.9	0.03	0.937	YSH-.437	YSHE-.437
NVTRY-2.50	2.50	1.25	0.6255	0.66	2.000	1.1	0.03	1.313	YSH-.625	YSHE-.625
NVTRY-3.00	3.00	1.25	0.6255	0.66	2.060	1.1	0.03	1.313	YSH-.625	YSHE-.625
NVTRY-3.50	3.50	1.50	0.7505	0.78	2.250	1.2	0.03	1.563	YSH-.750	YSHE-.750
NVTRY-3.50-9	3.50	1.63	0.7505	0.84	2.250	1.2	0.03	1.687	YSH-.750	YSHE-.750
NVTRY-3.75A	3.75	1.50	0.7505	0.78	2.500	1.2	0.03	1.563	YSH-.750	YSHE-.750
NVTRY-4.50A	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813	YSH-1.000	YSHE-1.000
NVTRY-5.00A	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063	YSH-1.125	YSHE-1.125
NVTRY-5.50A	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313	YSH-1.250	YSHE-1.250





Solutions Through Innovation

NVTRY – NON-METALLIC TREAD

V-Groove – Carbon Steel Yoke
Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NVTRY-2.50-9	1,690	1,150	850	580	14,000	200	60	NBR Lip	PREMIUM DGBB	0.26
NVTRY-2.50	3,630	2,250	1,820	1,130	11,000	150	50	NBR Lip	PREMIUM DGBB	0.62
NVTRY-3.00	3,630	2,250	1,820	1,130	11,000	290	90	NBR Lip	PREMIUM DGBB	0.69
NVTRY-3.50	4,340	2,950	2,170	1,480	9,500	430	130	NBR Lip	PREMIUM DGBB	1.02
NVTRY-3.50-9	4,340	2,950	2,170	1,480	9,500	430	130	NBR Lip	PREMIUM DGBB	0.97
NVTRY-3.75A	5,390	3,510	3,700	1,760	7,000	470	150	NBR Lip	PREMIUM DGBB	1.27
NVTRY-4.50A	6,120	4,590	3,060	2,300	7,000	680	210	NBR Lip	PREMIUM DGBB	1.93
NVTRY-5.00A	6,490	4,950	3,250	2,480	6,300	790	240	NBR Lip	PREMIUM DGBB	2.75
NVTRY-5.50A	6,490	4,950	3,250	2,480	6,300	900	270	NBR Lip	PREMIUM DGBB	3.50



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

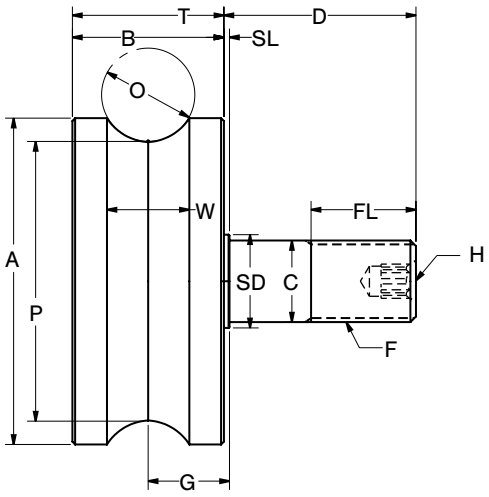
NUTR – NON-METALLIC TREAD

U-Groove – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	O	P	SD	SL	T	W
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	SHOULDER			Tread Width
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.					Dia.	Len.	Len. + Roller Width	
NUTR-1.50	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.41	3/16	1/2	1.250	0.5	0.03	0.78	0.43
NUTR-1.75	1.75	0.75	0.437	1.00	7/16 - 20	0.50	0.41	3/16	1/2	1.500	0.5	0.03	0.78	0.43
NUTR-2.00	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.44	3/16	5/8	1.750	0.6	0.03	0.84	0.50
NUTR-2.50	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	3/4	2.000	0.9	0.06	1.31	0.71
NUTR-3.50	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	1	3.000	1.0	0.06	1.69	0.87
NUTR-4.50A	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	1	4.000	1.5	0.06	2.00	0.87





NUTR – NON-METALLIC TREAD

U-Groove – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf)C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NUTR-1.50	860	430	220	110	24,000	500	90	30	470	180	NBR Lip	PREMIUM DGBB	0.14
NUTR-1.75	860	430	220	110	24,000	500	100	30	470	180	NBR Lip	PREMIUM DGBB	0.16
NUTR-2.00	1,430	750	360	190	19,000	900	140	40	470	180	NBR Lip	PREMIUM DGBB	0.26
NUTR-2.50	2,660	1,400	670	350	15,000	1,390	220	70	550	650	NBR Lip	PREMIUM DGBB	0.67
NUTR-3.50	4,920	2,950	2,460	1,480	10,000	5,370	400	120	900	650	NBR Lip	PREMIUM DGBB	1.45
NUTR-4.50A	7,400	5,040	3,700	2,520	8,000	13,580	530	160	1,950	1,500	NBR Lip	PREMIUM DGBB	3.58



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

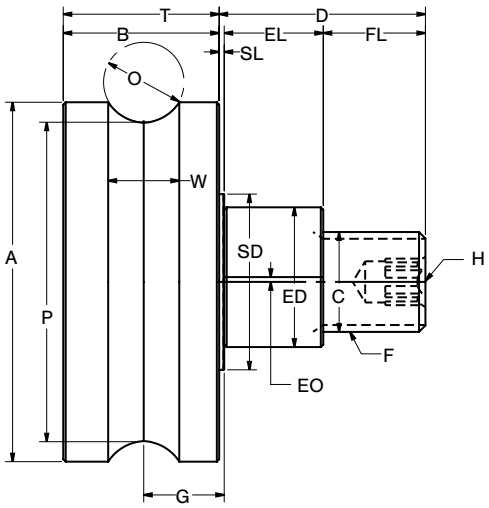
NUTRE – NON-METALLIC TREAD

U-Groove – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	O	P	SD	SL	T	W
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	SHOULDER			Tread Width
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.					Dia.	Len.	Len. + Roller Width	
NUTRE-1.50	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	3/16	1/2	1.250	0.7	0.03	0.78	0.43
NUTRE-1.75	1.75	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.41	3/16	1/2	1.500	0.7	0.03	0.78	0.43
NUTRE-2.00	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.44	3/16	5/8	1.750	0.8	0.03	0.84	0.50
NUTRE-2.50	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	5/16	3/4	2.000	1.3	0.06	1.31	0.71
NUTRE-3.50	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	5/16	1	3.000	1.5	0.06	1.69	0.87
NUTRE-4.50A	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	1	4.000	2.2	0.06	2.00	0.87





NUTRE – NON-METALLIC TREAD

U-Groove – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf)C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NUTRE-1.50	860	430	220	110	24,000	500	90	30	470	250	NBR Lip	PREMIUM DGBB	0.17
NUTRE-1.75	860	430	220	110	24,000	500	100	30	470	250	NBR Lip	PREMIUM DGBB	0.27
NUTRE-2.00	1,430	750	360	190	19,000	900	140	40	470	250	NBR Lip	PREMIUM DGBB	0.29
NUTRE-2.50	2,660	1,400	670	350	15,000	1,390	220	70	550	650	NBR Lip	PREMIUM DGBB	0.73
NUTRE-3.50	4,920	2,950	2,460	1,480	10,000	5,370	400	120	900	650	NBR Lip	PREMIUM DGBB	1.50
NUTRE-4.50A	7,400	5,040	3,700	2,520	8,000	17,870	530	160	1,950	1,500	NBR Lip	PREMIUM DGBB	3.99



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

NUTRY – NON-METALLIC TREAD

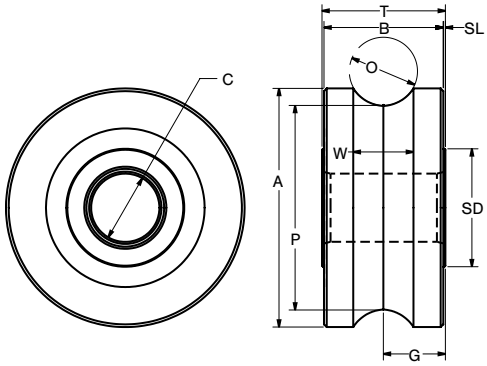
U-Groove – Carbon Steel Yoke
Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	O	P	SD	SL	T	W
	ROLLER						SHOULDER			
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Rail Size	Point Dia. +.000- .001	Dia.	Len.	Inner Race Width +.005 -.010	Tread Width
NUTRY-1.75	1.75	0.88	0.4380	0.47	1/2	1.500	0.9	0.03	0.937	0.44
NUTRY-2.00	2.00	1.00	0.5005	0.53	5/8	1.750	0.9	0.03	1.063	0.50
NUTRY-2.50	2.50	1.25	0.6255	0.66	3/4	2.000	1.1	0.03	1.313	0.71
NUTRY-3.50A	3.50	1.75	1.0005	0.91	1	3.000	1.8	0.03	1.813	0.87
NUTRY-4.50A	4.50	2.25	1.2505	1.16	1	4.000	2.0	0.03	2.313	0.87

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.437	YSHE-.437
YSH-.500	YSHE-.500
YSH-.625	YSHE-.625
YSH-1.000	YSHE-1.000
YSH-1.250	YSHE-1.250





NUTRY – NON-METALLIC TREAD

U-Groove – Carbon Steel Yoke
Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NUTRY-1.75	1,690	1,150	750	580	14,000	100	30	NBR Lip	PREMIUM DGBB	0.19
NUTRY-2.00	1,690	1,150	750	580	14,000	140	40	NBR Lip	PREMIUM DGBB	0.23
NUTRY-2.50	3,630	2,250	1,820	1,130	11,000	220	70	NBR Lip	PREMIUM DGBB	0.60
NUTRY-3.50A	6,120	4,590	3,060	2,300	7,000	400	120	NBR Lip	PREMIUM DGBB	1.65
NUTRY-4.50A	6,490	4,950	3,250	2,480	6,300	530	160	NBR Lip	PREMIUM DGBB	2.96



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

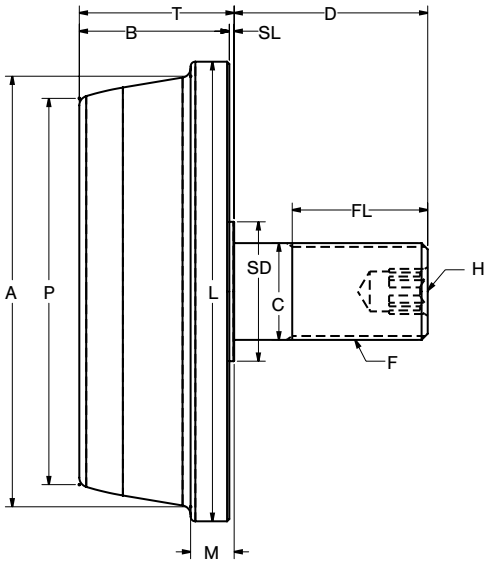
NCIR – NON-METALLIC TREAD

Channel & I-Beam – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	P	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width		Dia.	Len.	Len. + Roller Width
NCIR-3.00	2.56	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.94	0.31	2.23	0.8	0.06	1.19
NCIR-3.00E	2.56	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.62	2.17	1.0	0.06	1.69
NCIR-3.00-1	2.50	1.63	1.000	2.25	1 - 14	1.50	3/8	2.94	0.50	2.06	1.2	0.06	1.69
NCIR-4.00	3.56	1.63	0.875	2.00	7/8 - 14	1.13	5/16	3.94	0.53	3.14	1.0	0.06	1.69
NCIR-4.00E	3.56	1.63	1.000	2.25	1 - 14	1.50	3/8	3.94	0.53	3.14	1.2	0.06	1.69
NCIR-5.00	4.56	1.63	1.000	2.25	1 - 14	1.50	3/8	4.94	0.50	4.13	1.2	0.06	1.69





PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIR-3.00	3" & UP
CIR-3.00E	3" & UP
CIR-3.00-1	3" & UP
CIR-4.00	4" & UP
CIR-4.00E	4" & UP
CIR-4.00-1	4" & UP
CIR-5.00	5" & UP
CIR-5.00E	5" & UP
CIR-5.00E-1	5" & UP
CIR-6.00	6" & UP

NCIR – NON-METALLIC TREAD

Channel & I-Beam – Carbon Steel Stud Concentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf)C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCIR-3.00	2,660	1,400	670	350	15,000	1,240	220	70	550	350	NBR Lip	PREMIUM DGBB	0.61
NCIR-3.00E	3,630	2,140	1,820	1,070	12,000	2,780	370	110	900	650	NBR Lip	PREMIUM DGBB	1.34
NCIR-3.00-1	3,630	2,140	1,820	1,130	11,000	4,760	350	110	1,340	650	NBR Lip	PREMIUM DGBB	1.34
NCIR-4.00	3,630	2,140	1,820	1,070	12,000	2,950	520	160	900	650	NBR Lip	PREMIUM DGBB	1.54
NCIR-4.00E	5,390	3,510	2,700	1,760	8,500	6,450	520	160	1,340	650	NBR Lip	PREMIUM DGBB	2.09
NCIR-5.00	5,390	3,510	2,700	1,760	8,500	6,250	710	210	1,340	650	NBR Lip	PREMIUM DGBB	2.60



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

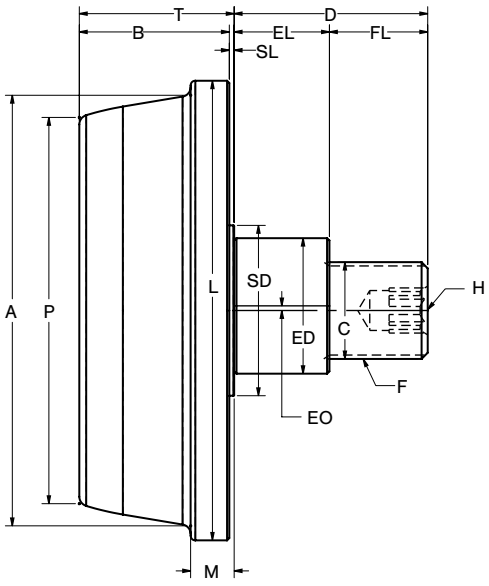
NCIRE – NON-METALLIC TREAD

Channel & I-Beam – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width		Dia.	Len.	Len. + Roller Width
NCIRE-3.00	2.56	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.94	0.31	2.23	1.1	0.06	1.19
NCIRE-3.00E	2.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.62	2.17	1.5	0.06	1.69
NCIRE-3.00-1	2.50	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	2.94	0.50	2.06	1.7	0.06	1.69
NCIRE-4.00	3.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	3.94	0.53	3.14	1.5	0.06	1.69
NCIRE-4.00E	3.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.94	0.53	3.14	1.7	0.06	1.69
NCIRE-5.00	4.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	4.94	0.50	4.13	1.7	0.06	1.69





PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
CIR-3.00	3" & UP
CIR-3.00E	3" & UP
CIR-3.00-1	3" & UP
CIR-4.00	4" & UP
CIR-4.00E	4" & UP
CIR-4.00-1	4" & UP
CIR-5.00	5" & UP
CIR-5.00E	5" & UP
CIR-5.00E-1	5" & UP
CIR-6.00	6" & UP

NCIRE – NON-METALLIC TREAD

Channel & I-Beam – Carbon Steel Stud Eccentric Alloy Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCIRE-3.00	2,660	1,400	670	350	15,000	1,240	220	70	550	650	NBR Lip	PREMIUM DGBB	0.63
NCIRE-3.00E	3,630	2,140	1,820	1,070	12,000	2,780	370	110	900	900	NBR Lip	PREMIUM DGBB	1.53
NCIRE-3.00-1	3,630	2,250	1,820	1,130	11,000	4,760	350	110	1,340	900	NBR Lip	PREMIUM DGBB	1.56
NCIRE-4.00	3,630	2,140	1,820	1,070	12,000	2,950	520	160	900	900	NBR Lip	PREMIUM DGBB	1.76
NCIRE-4.00E	5,390	3,510	2,700	1,760	8,500	7,240	520	160	1,340	900	NBR Lip	PREMIUM DGBB	2.37
NCIRE-5.00	5,390	3,510	2,700	1,760	8,500	7,360	710	210	1,340	900	NBR Lip	PREMIUM DGBB	2.87



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

EXTREME DUTY SOLUTIONS

XR Rollers and Track Rollers Options
Non-Metallic Tread-316 Stainless Steel Components

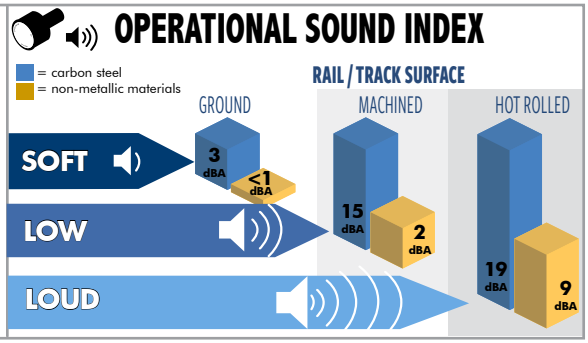
∞ | *Infinity Roller™ Technology*

Solutions Through Innovation

HOW QUIET ARE PCI NON-METALLIC TRACK ROLLERS?

PCI non-metallic roller bodies are designed to absorb vibration, reduce the likelihood of metal-on-metal sparking and extend rail life.

PCI non-metallic rollers are more than 10 dBa quieter than their metallic counterparts – that's a 50% reduction in sound over traditional stainless steel track roller and cam follower products.





440 STAINLESS STEEL PRECISION DEEP GROOVE BALL BEARINGS
optimize balance of corrosion resistance and dynamic load capacity.

FDA COMPLIANT NON-METALLIC PRECISION ROLLER BODY
reduces rolling noise, rolling resistance, and track wear. Eliminates the need for track lubrication while reducing likelihood of metal sparking.

ONE PIECE SOLID END CAP DESIGN*
adds protection against external contaminants.

**Features dependent on size and Type of unit. See specifications for details.*

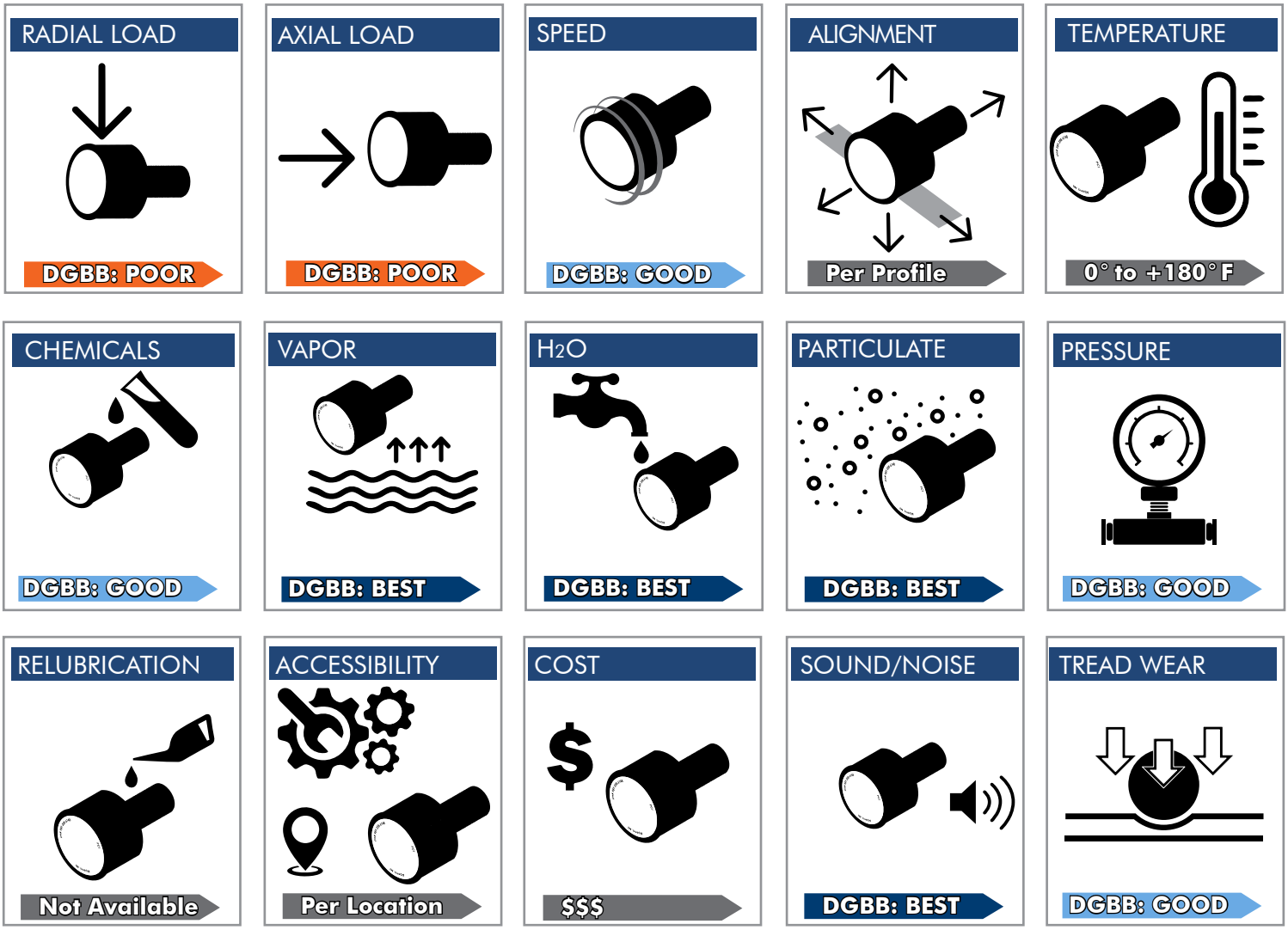
FLUOROCARBON RUBBER LIP SEALS
maximize protection of the bearing elements from chemicals and external contamination.

PREMIUM SYNTHETIC FOOD GRADE LUBRICANT
is resistant to chemicals and wash-out.

CORROSION RESISTANT STUD OR EASY INSTALLATION SLIP FIT BORE
is strong stainless material providing dependable performance under load.

TECHNICAL ASSISTANCE AND PRODUCT SELECTION

Application factors greatly impact proper selection and functionality of your load bearing roller assembly. If selection is conducted in haste, a load bearing roller assembly may be inadequately selected, leading to premature failure and costly downtime. This dashboard indicator will help you determine which PCI Load Bearing Roller Assembly is right for your unique application.



Dashboard Indicating Color Scale

= informational only

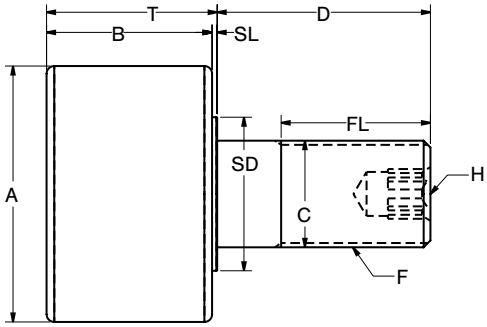
NPTR-SS – NON-METALLIC TREAD

Plain/Cylindrical – Stainless Steel Stud Concentric
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Len.	Len. + Roller Width
NPTR-1.00-SS	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
NPTR-1.125-SS	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
NPTR-1.25-SS	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
NPTR-1.375-SS	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	0.6	0.03	0.84
NPTR-1.50-SS	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	0.8	0.06	1.19
NPTR-1.75-SS	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	0.9	0.06	1.19
NPTR-2.00-SS	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
NPTR-2.25-SS	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	1.0	0.06	1.69
NPTR-2.50-SS	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
NPTR-2.75-SS	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	1.2	0.06	1.69
NPTR-3.00A-SS	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
NPTR-3.25A-SS	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
NPTR-3.50A-SS	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00
NPTR-4.00A-SS	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	1.5	0.06	2.00





NPTR-SS – NON-METALLIC TREAD

Plain/Cylindrical – Stainless Steel Stud Concentric 440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf)C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NPTR-1.00-SS	560	270	140	70	24,000	180	120	40	390	50	PFC Lip	DGBB-SS	0.11
NPTR-1.125-SS	560	270	140	70	24,000	180	130	40	390	50	PFC Lip	DGBB-SS	0.12
NPTR-1.25-SS	740	370	190	100	19,000	320	160	50	470	50	PFC Lip	DGBB-SS	0.20
NPTR-1.375-SS	740	370	190	100	19,000	320	170	50	470	50	PFC Lip	DGBB-SS	0.21
NPTR-1.50-SS	2,090	1,350	530	340	17,000	570	260	80	550	180	PFC Lip	DGBB-SS	0.42
NPTR-1.75-SS	2,090	1,350	530	340	15,000	570	300	90	550	350	PFC Lip	DGBB-SS	0.55
NPTR-2.00-SS	2,940	2,140	740	540	12,000	1,530	400	120	900	350	PFC Lip	DGBB-SS	1.00
NPTR-2.25-SS	2,940	2,140	740	540	12,000	1,530	550	170	900	350	PFC Lip	DGBB-SS	1.07
NPTR-2.50-SS	4,270	3,440	1,070	860	8,500	2,950	430	130	1,340	350	PFC Lip	DGBB-SS	1.69
NPTR-2.75-SS	4,270	3,440	1,070	860	8,500	2,950	680	210	1,340	350	PFC Lip	DGBB-SS	1.78
NPTR-3.00A-SS	6,010	5,040	1,510	1,260	8,000	4,900	880	270	1,950	650	PFC Lip	DGBB-SS	2.83
NPTR-3.25A-SS	6,010	5,040	1,510	1,260	8,000	4,900	950	290	1,950	650	PFC Lip	DGBB-SS	2.95
NPTR-3.50A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,020	310	1,950	650	PFC Lip	DGBB-SS	3.17
NPTR-4.00A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,170	350	1,950	650	PFC Lip	DGBB-SS	3.44



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +180°F
High and Low temperature options are available.

Specifications subject to change without notice.

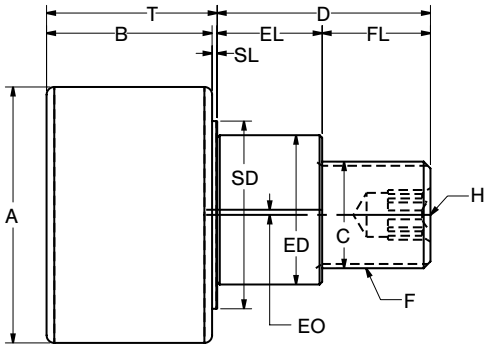
NPTRE-SS – NON-METALLIC TREAD

Plain/Cylindrical – Stainless Steel Stud Eccentric
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Len.	Len. + Roller Width
NPTRE-1.00-SS	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
NPTRE-1.125-SS	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	0.7	0.03	0.78
NPTRE-1.25-SS	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
NPTRE-1.375-SS	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	0.8	0.03	0.84
NPTRE-1.50-SS	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	1.1	0.06	1.19
NPTRE-1.75-SS	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	1.3	0.06	1.19
NPTRE-2.00-SS	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
NPTRE-2.25-SS	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	1.5	0.06	1.69
NPTRE-2.50-SS	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
NPTRE-2.75-SS	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	1.7	0.06	1.69
NPTRE-3.00A-SS	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
NPTRE-3.25A-SS	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	2.2	0.06	2.00
NPTRE-3.50A-SS	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00
NPTRE-4.00A-SS	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	2.2	0.06	2.00





NPTRE-SS – NON-METALLIC TREAD

Plain/Cylindrical – Stainless Steel Stud Eccentric
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NPTRE-1.00-SS	560	270	140	70	24,000	180	120	40	390	100	PFC Lip	DGBB-SS	0.14
NPTRE-1.125-SS	560	270	140	70	24,000	180	130	40	390	100	PFC Lip	DGBB-SS	0.14
NPTRE-1.25-SS	740	370	190	100	19,000	340	160	50	470	100	PFC Lip	DGBB-SS	0.22
NPTRE-1.375-SS	740	370	190	100	19,000	340	170	50	470	100	PFC Lip	DGBB-SS	0.24
NPTRE-1.50-SS	2,090	1,350	530	340	17,000	570	260	80	550	350	PFC Lip	DGBB-SS	0.49
NPTRE-1.75-SS	2,090	1,350	530	340	15,000	570	300	90	550	350	PFC Lip	DGBB-SS	0.65
NPTRE-2.00-SS	2,940	2,140	740	540	12,000	1,570	400	120	900	350	PFC Lip	DGBB-SS	1.21
NPTRE-2.25-SS	2,940	2,140	740	540	12,000	1,570	550	170	900	350	PFC Lip	DGBB-SS	1.28
NPTRE-2.50-SS	4,270	3,440	1,070	860	8,500	3,480	430	130	1,340	350	PFC Lip	DGBB-SS	1.96
NPTRE-2.75-SS	4,270	3,440	1,070	860	8,500	3,480	680	210	1,340	350	PFC Lip	DGBB-SS	2.04
NPTRE-3.00A-SS	6,010	5,040	1,510	1,260	8,000	6,450	880	270	1,950	650	PFC Lip	DGBB-SS	3.42
NPTRE-3.25A-SS	6,010	5,040	1,510	1,260	8,000	6,450	950	290	1,950	650	PFC Lip	DGBB-SS	3.70
NPTRE-3.50A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,020	310	1,950	650	PFC Lip	DGBB-SS	4.00
NPTRE-4.00A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,170	350	1,950	650	PFC Lip	DGBB-SS	4.14



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +180°F
High and Low temperature options are available.

Specifications subject to change without notice.

NPTRY-SS – NON-METALLIC TREAD

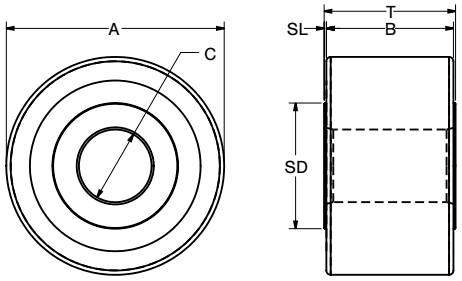
Plain/Cylindrical – Stainless Steel Yoke
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	SD	SL	T
	ROLLER		Bore Dia. +.0007 -.0000	SHOULDER		Inner Race Width +.005 -.010
	Dia. +.000 -.001	Width		Dia.	Len.	
NPTRY-1.50-SS	1.500	0.88	0.4380	0.9	0.03	0.937
NPTRY-1.75-SS	1.750	1.00	0.5005	0.9	0.03	1.063
NPTRY-2.00-SS	2.000	1.25	0.6255	1.1	0.03	1.313
NPTRY-2.25-SS	2.250	1.25	0.6255	1.1	0.03	1.313
NPTRY-2.50-SS	2.500	1.50	0.7505	1.2	0.03	1.563
NPTRY-2.75-SS	2.750	1.50	0.7505	1.2	0.03	1.563
NPTRY-3.00A-SS	3.000	1.75	1.0005	1.8	0.03	1.813
NPTRY-3.25A-SS	3.250	1.75	1.0005	1.8	0.03	1.813
NPTRY-3.50A-SS	3.500	2.00	1.1255	2.0	0.03	2.063
NPTRY-4.00A-SS	4.000	2.25	1.2505	2.0	0.03	2.313

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.437-SS	YSHE-.437-SS
YSH-.500-SS	YSHE-.500-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.125-SS	YSHE-1.125-SS
YSH-1.250-SS	YSHE-1.250-SS





NPTRY-SS – NON-METALLIC TREAD

Plain/Cylindrical – Stainless Steel Yoke
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NPTRY-1.50-SS	1,450	1,150	370	290	14,000	200	60	PFC Lip	DGBB-SS	0.18
NPTRY-1.75-SS	1,450	1,150	370	290	14,000	270	80	PFC Lip	DGBB-SS	0.21
NPTRY-2.00-SS	2,940	2,250	740	570	11,000	290	90	PFC Lip	DGBB-SS	0.53
NPTRY-2.25-SS	2,940	2,250	740	570	11,000	430	130	PFC Lip	DGBB-SS	0.59
NPTRY-2.50-SS	4,270	3,440	1,070	860	8,500	380	120	PFC Lip	DGBB-SS	1.02
NPTRY-2.75-SS	4,270	3,440	1,070	860	8,500	620	190	PFC Lip	DGBB-SS	1.09
NPTRY-3.00A-SS	5,030	4,590	1,260	1,150	7,000	790	240	PFC Lip	DGBB-SS	1.51
NPTRY-3.25A-SS	5,030	4,590	1,260	1,150	7,000	860	260	PFC Lip	DGBB-SS	1.61
NPTRY-3.50A-SS	5,320	5,130	1,330	1,290	6,300	1,050	320	PFC Lip	DGBB-SS	2.15
NPTRY-4.00A-SS	5,320	5,130	1,330	1,290	6,300	1,350	410	PFC Lip	DGBB-SS	2.69



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +180°F
High and Low temperature options are available.

Specifications subject to change without notice.

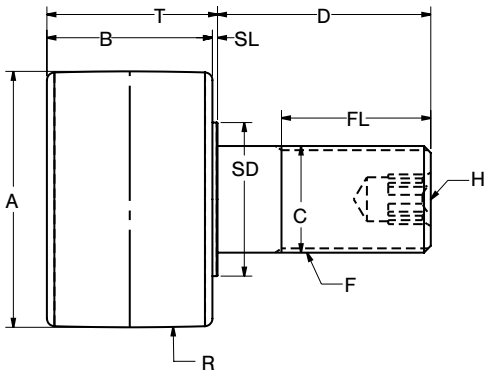
NCTR-SS – NON-METALLIC TREAD

Crowned/Spherical – Stainless Steel Stud Concentric 440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width
NCTR-1.00-SS	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	12	0.5	0.03	0.78
NCTR-1.125-SS	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	12	0.5	0.03	0.78
NCTR-1.25-SS	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	14	0.6	0.03	0.84
NCTR-1.375-SS	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	14	0.6	0.03	0.84
NCTR-1.50-SS	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	20	0.8	0.06	1.19
NCTR-1.75-SS	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	20	0.9	0.06	1.19
NCTR-2.00-SS	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.69
NCTR-2.25-SS	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	24	1.0	0.06	1.69
NCTR-2.50-SS	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	30	1.2	0.06	1.69
NCTR-2.75-SS	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	30	1.2	0.06	1.69
NCTR-3.00A-SS	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
NCTR-3.25A-SS	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
NCTR-3.50A-SS	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00
NCTR-4.00A-SS	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	30	1.5	0.06	2.00





NCTR-SS – NON-METALLIC TREAD

Crowned/Spherical – Stainless Steel Stud Concentric 440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf)C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCTR-1.00-SS	560	270	140	70	24,000	180	120	40	390	50	PFC Lip	DGBB-SS	0.11
NCTR-1.125-SS	560	270	140	70	24,000	180	130	40	390	50	PFC Lip	DGBB-SS	0.12
NCTR-1.25-SS	740	370	190	100	19,000	300	160	50	470	50	PFC Lip	DGBB-SS	0.20
NCTR-1.375-SS	740	370	190	100	19,000	300	170	50	470	50	PFC Lip	DGBB-SS	0.21
NCTR-1.50-SS	2,090	1,350	530	340	15,000	570	260	80	550	180	PFC Lip	DGBB-SS	0.42
NCTR-1.75-SS	2,090	1,350	530	340	15,000	570	300	90	550	350	PFC Lip	DGBB-SS	0.55
NCTR-2.00-SS	2,940	2,140	740	540	12,000	1,570	400	120	900	350	PFC Lip	DGBB-SS	1.00
NCTR-2.25-SS	2,940	2,140	740	540	12,000	1,570	450	140	900	350	PFC Lip	DGBB-SS	1.07
NCTR-2.50-SS	4,270	3,440	1,070	860	8,500	2,950	430	140	1,340	350	PFC Lip	DGBB-SS	1.69
NCTR-2.75-SS	4,270	3,440	1,070	860	8,500	2,950	470	140	1,340	350	PFC Lip	DGBB-SS	1.78
NCTR-3.00A-SS	6,010	5,040	1,510	1,260	8,000	4,900	880	270	1,950	650	PFC Lip	DGBB-SS	2.83
NCTR-3.25A-SS	6,010	5,040	1,510	1,260	8,000	4,900	950	290	1,950	650	PFC Lip	DGBB-SS	2.95
NCTR-3.50A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,020	310	1,950	650	PFC Lip	DGBB-SS	3.17
NCTR-4.00A-SS	6,010	5,040	1,510	1,260	8,000	4,900	1,170	350	1,950	650	PFC Lip	DGBB-SS	3.44



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +180°F
High and Low temperature options are available.

Specifications subject to change without notice.

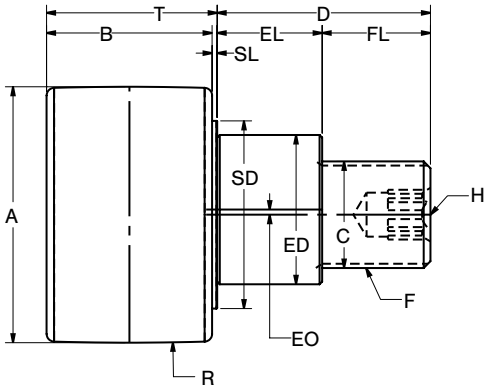
NCTRE-SS – NON-METALLIC TREAD

Crowned/Spherical – Stainless Steel Stud Eccentric
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	R	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	Crown Radius	SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.			Dia.	Len.	Len. + Roller Width
NCTRE-1.00-SS	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	12	0.7	0.03	0.78
NCTRE-1.125-SS	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	12	0.7	0.03	0.78
NCTRE-1.25-SS	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	14	0.8	0.03	0.84
NCTRE-1.375-SS	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	14	0.8	0.03	0.84
NCTRE-1.50-SS	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	20	1.1	0.06	1.19
NCTRE-1.75-SS	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	20	1.3	0.06	1.19
NCTRE-2.00-SS	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	24	1.5	0.06	1.69
NCTRE-2.25-SS	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	24	1.5	0.06	1.69
NCTRE-2.50-SS	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	30	1.7	0.06	1.69
NCTRE-2.75-SS	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	30	1.7	0.06	1.69
NCTRE-3.00A-SS	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.06	2.00
NCTRE-3.25A-SS	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	30	2.2	0.06	2.00
NCTRE-3.50A-SS	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00
NCTRE-4.00A-SS	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	30	2.2	0.06	2.00





NCTRE-SS – NON-METALLIC TREAD

Crowned/Spherical – Stainless Steel Stud Eccentric 440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCTRE-1.00-SS	560	270	140	70	24,000	180	120	40	390	100	PFC Lip	DGBB-SS	0.14
NCTRE-1.125-SS	560	270	140	70	24,000	180	130	40	390	100	PFC Lip	DGBB-SS	0.14
NCTRE-1.25-SS	740	370	190	100	19,000	340	160	50	470	100	PFC Lip	DGBB-SS	0.20
NCTRE-1.375-SS	740	370	190	100	19,000	340	170	50	470	100	PFC Lip	DGBB-SS	0.22
NCTRE-1.50-SS	2,090	1,350	530	340	15,000	570	260	80	550	350	PFC Lip	DGBB-SS	0.47
NCTRE-1.75-SS	2,060	1,350	530	340	15,000	570	300	90	550	350	PFC Lip	DGBB-SS	0.63
NCTRE-2.00-SS	2,940	2,140	740	540	12,000	1,570	400	120	900	350	PFC Lip	DGBB-SS	1.19
NCTRE-2.25-SS	2,940	2,140	740	540	12,000	1,570	450	140	900	350	PFC Lip	DGBB-SS	1.19
NCTRE-2.50-SS	4,270	3,440	1,070	860	8,500	3,480	430	140	1,340	350	PFC Lip	DGBB-SS	1.83
NCTRE-2.75-SS	4,270	3,440	1,070	860	8,500	3,480	470	140	1,340	350	PFC Lip	DGBB-SS	1.89
NCTRE-3.00A-SS	6,010	5,040	1,510	1,260	8,000	6,450	880	270	1,950	650	PFC Lip	DGBB-SS	3.30
NCTRE-3.25A-SS	6,010	5,040	1,510	1,260	8,000	6,450	950	290	1,950	650	PFC Lip	DGBB-SS	3.58
NCTRE-3.50A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,020	310	1,950	650	PFC Lip	DGBB-SS	3.85
NCTRE-4.00A-SS	6,010	5,040	1,510	1,260	8,000	6,450	1,170	350	1,950	650	PFC Lip	DGBB-SS	3.92



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +180°F
High and Low temperature options are available.

Specifications subject to change without notice.

NCTRY-SS – NON-METALLIC TREAD

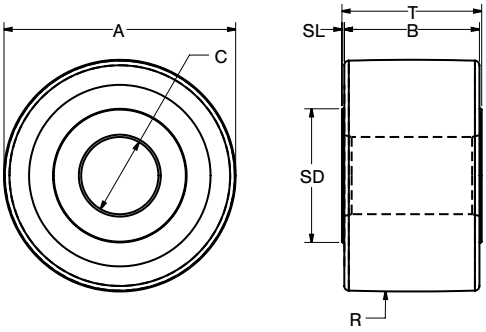
Crowned/Spherical – Stainless Steel Yoke
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	R	SD	SL	T
	ROLLER		Bore Dia. +.0007 -.0000	Crown Radius	SHOULDER		Inner Race Width +.005 -.010
	Dia. +.000 -.001	Width			Dia.	Len.	
NCTRY-1.50-SS	1.500	0.88	0.4380	20	0.9	0.03	0.937
NCTRY-1.75-SS	1.750	1.00	0.5005	20	0.9	0.03	1.063
NCTRY-2.00-SS	2.000	1.25	0.6255	24	1.1	0.03	1.313
NCTRY-2.25-SS	2.250	1.25	0.6255	24	1.1	0.03	1.313
NCTRY-2.50-SS	2.500	1.50	0.7505	30	1.2	0.03	1.563
NCTRY-2.75-SS	2.750	1.50	0.7505	30	1.2	0.03	1.563
NCTRY-3.00A-SS	3.000	1.75	1.0005	30	1.8	0.03	1.813
NCTRY-3.25A-SS	3.250	1.75	1.0005	30	1.8	0.03	1.813
NCTRY-3.50A-SS	3.500	2.00	1.1255	30	2.0	0.03	2.063
NCTRY-4.00A-SS	4.000	2.25	1.2505	30	2.0	0.03	2.313

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.437-SS	YSHE-.437-SS
YSH-.500-SS	YSHE-.500-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.125-SS	YSHE-1.125-SS
YSH-1.250-SS	YSHE-1.250-SS





NCTRY-SS – NON-METALLIC TREAD

Crowned/Spherical – Stainless Steel Yoke
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCTRY-1.50-SS	1,450	1,150	370	290	14,000	200	60	PFC Lip	DGBB-SS	0.18
NCTRY-1.75-SS	1,450	1,150	370	290	14,000	270	80	PFC Lip	DGBB-SS	0.21
NCTRY-2.00-SS	2,940	2,250	740	570	11,000	290	90	PFC Lip	DGBB-SS	0.53
NCTRY-2.25-SS	2,940	2,250	740	570	11,000	430	130	PFC Lip	DGBB-SS	0.59
NCTRY-2.50-SS	4,270	3,440	1,070	860	8,500	380	120	PFC Lip	DGBB-SS	1.02
NCTRY-2.75-SS	4,270	3,440	1,070	860	8,500	620	190	PFC Lip	DGBB-SS	1.09
NCTRY-3.00A-SS	5,030	4,590	1,260	1,150	7,000	790	240	PFC Lip	DGBB-SS	1.51
NCTRY-3.25A-SS	5,030	4,590	1,260	1,150	7,000	860	260	PFC Lip	DGBB-SS	1.61
NCTRY-3.50A-SS	5,320	5,130	1,330	1,290	6,300	1,050	320	PFC Lip	DGBB-SS	2.15
NCTRY-4.00A-SS	5,320	5,130	1,330	1,290	6,300	1,350	410	PFC Lip	DGBB-SS	2.69



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +180°F
High and Low temperature options are available.

Specifications subject to change without notice.

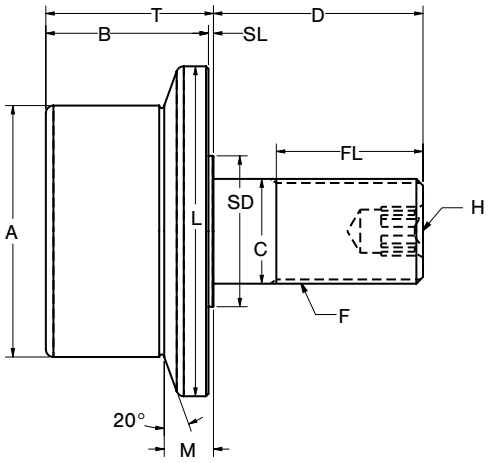
NFTR-SS – NON-METALLIC TREAD

Flanged – Stainless Steel Stud Concentric
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
NFTR-1.00-SS	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.38	0.22	0.5	0.03	0.78
NFTR-1.125-SS	1.125	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.50	0.22	0.5	0.03	0.78
NFTR-1.25-SS	1.250	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.56	0.22	0.6	0.03	0.84
NFTR-1.375-SS	1.375	0.81	0.500	1.25	1/2- 20	0.63	3/16	1.69	0.22	0.6	0.03	0.84
NFTR-1.50-SS	1.500	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.19	0.34	0.8	0.06	1.19
NFTR-1.75-SS	1.750	1.13	0.750	1.75	3/4 - 16	0.88	5/16	2.44	0.34	0.9	0.06	1.19
NFTR-2.00-SS	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59	1.0	0.06	1.69
NFTR-2.00-9-SS	2.000	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.69	0.59*	1.0	0.06	1.69
NFTR-2.25-SS	2.250	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.59	1.0	0.06	1.69
NFTR-2.50-SS	2.500	1.63	1.000	2.25	1 - 14	1.50	3/8	3.19	0.59	1.2	0.06	1.69
NFTR-2.75-SS	2.750	1.63	1.000	2.25	1 - 14	1.50	3/8	3.44	0.59	1.2	0.06	1.69
NFTR-3.00A-SS	3.000	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	3.94	0.59	1.5	0.06	2.00
NFTR-3.25A-SS	3.250	1.94	1.250	2.50	1 1/4 - 12	1.75	1/2	4.19	0.59	1.5	0.06	2.00
NFTR-3.50A-SS	3.500	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.44	0.59	1.5	0.06	2.00
NFTR-4.00A-SS	4.000	1.94	1.250	2.75	1 1/4 - 12	1.75	1/2	4.94	0.59	1.5	0.06	2.00





NFTR-SS – NON-METALLIC TREAD

Flanged – Stainless Steel Stud Concentric
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf)C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NFTR-1.00-SS	560	270	140	70	24,000	140	80	30	390	50	PFC Lip	DGBB-SS	0.12
NFTR-1.125-SS	560	270	140	70	24,000	140	90	30	390	50	PFC Lip	DGBB-SS	0.12
NFTR-1.25-SS	740	370	190	100	19,000	250	120	40	470	50	PFC Lip	DGBB-SS	0.20
NFTR-1.375-SS	740	370	190	100	19,000	250	130	40	470	50	PFC Lip	DGBB-SS	0.21
NFTR-1.50-SS	2,090	1,350	530	340	15,000	440	150	50	550	180	PFC Lip	DGBB-SS	0.37
NFTR-1.75-SS	2,090	1,350	530	340	15,000	440	210	70	550	350	PFC Lip	DGBB-SS	0.53
NFTR-2.00-SS	2,940	2,140	740	540	12,000	1,000	320	100	900	350	PFC Lip	DGBB-SS	0.96
NFTR-2.00-9-SS	2,940	2,140	740	540	12,000	1,000	320	100	900	350	PFC Lip	DGBB-SS	0.99
NFTR-2.25-SS	2,940	2,140	740	540	12,000	1,000	360	110	900	350	PFC Lip	DGBB-SS	1.23
NFTR-2.50-SS	4,270	3,440	1,070	860	8,500	2,270	430	130	1,340	350	PFC Lip	DGBB-SS	1.80
NFTR-2.75-SS	4,270	3,440	1,070	860	8,500	2,270	430	130	1,340	350	PFC Lip	DGBB-SS	2.20
NFTR-3.00A-SS	6,010	5,040	1,510	1,260	8,000	3,900	610	190	1,950	650	PFC Lip	DGBB-SS	2.93
NFTR-3.25A-SS	6,010	5,040	1,510	1,260	8,000	3,900	660	200	1,950	650	PFC Lip	DGBB-SS	3.06
NFTR-3.50A-SS	6,010	5,040	1,510	1,260	8,000	3,900	710	220	1,950	650	PFC Lip	DGBB-SS	3.29
NFTR-4.00A-SS	6,010	5,040	1,510	1,260	8,000	3,900	810	250	1,950	650	PFC Lip	DGBB-SS	3.54



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +180°F
High and Low temperature options are available.

Specifications subject to change without notice.

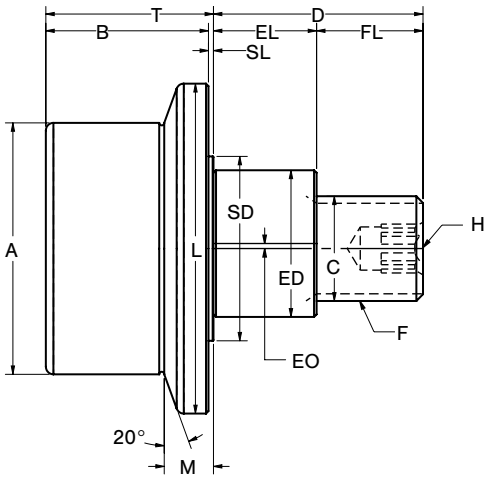
NFTRE-SS – NON-METALLIC TREAD

Flanged – Stainless Steel Stud Eccentric
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		SHOULDER		
	Dia. +.000 -.001	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width	Dia.	Len.	Len. + Roller Width
NFTRE-1.00-SS	1.000	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.38	0.22	0.7	0.03	0.78
NFTRE-1.125-SS	1.125	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	3/16	1.50	0.22	0.7	0.03	0.78
NFTRE-1.25-SS	1.250	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.56	0.22	0.8	0.03	0.84
NFTRE-1.375-SS	1.375	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	3/16	1.69	0.22	0.8	0.03	0.84
NFTRE-1.50-SS	1.500	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.19	0.34	1.1	0.06	1.19
NFTRE-1.75-SS	1.750	1.13	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	5/16	2.44	0.34	1.3	0.06	1.19
NFTRE-2.00-SS	2.000	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.69	0.59	1.5	0.06	1.69
NFTRE-2.25-SS	2.250	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.59	1.5	0.06	1.69
NFTRE-2.50-SS	2.500	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.19	0.59	1.7	0.06	1.69
NFTRE-2.75-SS	2.750	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.44	0.59	1.7	0.06	1.69
NFTRE-3.00A-SS	3.000	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	3.94	0.59	2.2	0.06	2.00
NFTRE-3.25A-SS	3.250	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1/2	4.19	0.59	2.2	0.06	2.00
NFTRE-3.50A-SS	3.500	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.44	0.59	2.2	0.06	2.00
NFTRE-4.00A-SS	4.000	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00





NFTRE-SS – NON-METALLIC TREAD

Flanged – Stainless Steel Stud Eccentric
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NFTRE-1.00-SS	560	270	140	70	24,000	140	80	30	390	100	PFC Lip	DGBB-SS	0.15
NFTRE-1.125-SS	560	270	140	70	24,000	140	90	30	390	100	PFC Lip	DGBB-SS	0.14
NFTRE-1.25-SS	740	370	190	100	19,000	250	120	40	470	100	PFC Lip	DGBB-SS	0.22
NFTRE-1.375-SS	740	370	190	100	19,000	250	130	40	470	100	PFC Lip	DGBB-SS	0.24
NFTRE-1.50-SS	2,090	1,350	530	340	15,000	440	150	50	550	350	PFC Lip	DGBB-SS	0.44
NFTRE-1.75-SS	2,090	1,350	530	340	15,000	440	210	70	550	350	PFC Lip	DGBB-SS	0.63
NFTRE-2.00-SS	2,940	2,140	740	540	12,000	1,000	320	100	900	350	PFC Lip	DGBB-SS	1.17
NFTRE-2.25-SS	2,940	2,140	740	540	12,000	1,000	360	110	900	350	PFC Lip	DGBB-SS	1.44
NFTRE-2.50-SS	4,270	3,440	1,070	860	8,500	2,530	430	130	1,340	350	PFC Lip	DGBB-SS	2.07
NFTRE-2.75-SS	4,270	3,440	1,070	860	8,500	2,530	430	130	1,340	350	PFC Lip	DGBB-SS	2.46
NFTRE-3.00A-SS	6,010	5,040	1,510	1,260	8,000	4,600	610	190	1,950	650	PFC Lip	DGBB-SS	3.52
NFTRE-3.25A-SS	6,010	5,040	1,510	1,260	8,000	4,600	660	200	1,950	650	PFC Lip	DGBB-SS	3.81
NFTRE-3.50A-SS	6,010	5,040	1,510	1,260	8,000	4,600	710	220	1,950	650	PFC Lip	DGBB-SS	4.12
NFTRE-4.00A-SS	6,010	5,040	1,510	1,260	8,000	4,600	810	250	1,950	650	PFC Lip	DGBB-SS	4.24



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +180°F
High and Low temperature options are available.

Specifications subject to change without notice.

NFTRY-SS – NON-METALLIC TREAD

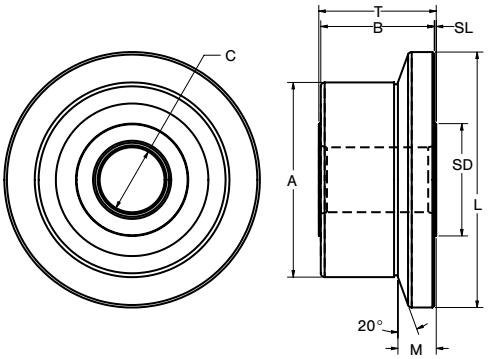
Flanged – Stainless Steel Yoke
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	L	M	SD	SL	T
	ROLLER		Bore Dia. +.0007 -.0000	FLANGE		SHOULDER		Inner Race Width +.005 -.010
	Dia. +.000 -.001	Width		Dia.	Width	Dia.	Len.	
NFTRY-1.50-SS	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937
NFTRY-1.75-SS	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063
NFTRY-2.00-SS	2.000	1.25	0.6255	2.69	0.31	1.1	0.03	1.313
NFTRY-2.25-SS	2.250	1.25	0.6255	2.94	0.31	1.1	0.03	1.313
NFTRY-2.50-SS	2.500	1.50	0.7505	3.19	0.50	1.2	0.03	1.563
NFTRY-2.75-SS	2.750	1.50	0.7505	3.44	0.50	1.2	0.03	1.563
NFTRY-3.00A-SS	3.000	1.75	1.0005	3.94	0.59	1.8	0.03	1.813
NFTRY-3.25A-SS	3.250	1.75	1.0005	4.19	0.59	1.8	0.03	1.813
NFTRY-3.50A-SS	3.500	2.00	1.1255	4.44	0.59	2.0	0.03	2.063
NFTRY-4.00A-SS	4.000	2.25	1.2505	4.94	0.59	2.0	0.03	2.313

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.437-SS	YSHE-.437-SS
YSH-.500-SS	YSHE-.500-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.125-SS	YSHE-1.125-SS
YSH-1.250-SS	YSHE-1.250-SS





NFTRY-SS – NON-METALLIC TREAD

Flanged – Stainless Steel Yoke
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Seal Type)	Bearing Type	Approx. Roller Weight (lbs)
NFTRY-1.50-SS	1,450	1,150	370	290	14,000	150	50	PFC Lip	DGBB-SS	0.19
NFTRY-1.75-SS	1,450	1,150	370	290	14,000	200	60	PFC Lip	DGBB-SS	0.23
NFTRY-2.00-SS	2,940	2,250	740	570	11,000	290	90	PFC Lip	DGBB-SS	0.58
NFTRY-2.25-SS	2,940	2,250	740	570	11,000	320	100	PFC Lip	DGBB-SS	0.63
NFTRY-2.50-SS	4,270	3,440	1,070	860	8,500	380	120	PFC Lip	DGBB-SS	1.07
NFTRY-2.75-SS	4,270	3,440	1,070	860	8,500	420	130	PFC Lip	DGBB-SS	1.15
NFTRY-3.00A-SS	5,030	4,590	1,260	1,150	7,000	530	160	PFC Lip	DGBB-SS	1.63
NFTRY-3.25A-SS	5,030	4,590	1,260	1,150	7,000	570	170	PFC Lip	DGBB-SS	1.74
NFTRY-3.50A-SS	5,320	5,130	1,330	1,290	6,300	740	230	PFC Lip	DGBB-SS	2.26
NFTRY-4.00A-SS	5,320	5,130	1,330	1,290	6,300	1,000	300	PFC Lip	DGBB-SS	2.84



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +180°F
High and Low temperature options are available.

Specifications subject to change without notice.

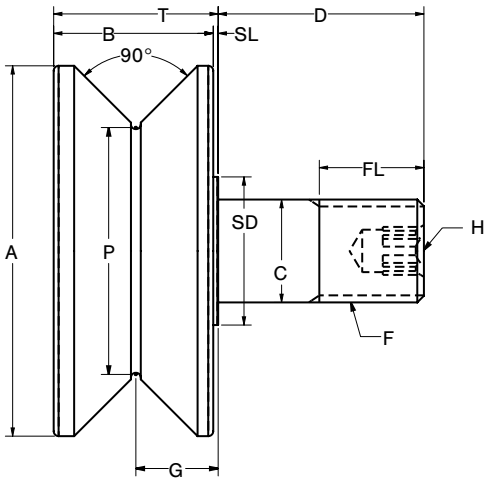
NVTR-SS – NON-METALLIC TREAD

V-Groove – Stainless Steel Stud Concentric
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.				Dia.	Len.	Len. + Roller Width
NVTR-1.50-SS	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	3/16	1.125	0.5	0.03	0.78
NVTR-2.00-SS	2.00	0.81	0.500	1.25	1/2- 20	0.63	0.42	3/16	1.375	0.6	0.03	0.84
NVTR-2.50-SS	2.50	1.25	0.750	1.75	3/4 - 16	0.88	0.69	5/16	1.500	0.9	0.06	1.31
NVTR-3.50-SS	3.50	1.63	0.875	2.00	7/8 - 14	1.13	0.88	5/16	2.250	1.0	0.06	1.69
NVTR-4.50A-SS	4.50	1.94	1.250	2.50	1 1/4 - 12	1.75	1.00	1/2	3.000	1.5	0.06	2.00
NVTR-5.50A-SS	5.50	1.94	1.250	2.75	1 1/4 - 12	1.75	1.00	1/2	4.000	1.5	0.06	2.00





NVTR-SS – NON-METALLIC TREAD

V-Groove – Stainless Steel Stud Concentric 440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf)C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NVTR-1.50-SS	560	270	140	70	24,000	310	70	20	390	50	PFC Lip	DGBB-SS	0.14
NVTR-2.00-SS	740	370	190	100	19,000	440	130	40	470	50	PFC Lip	DGBB-SS	0.25
NVTR-2.50-SS	2,090	1,350	530	340	15,000	500	230	70	550	350	PFC Lip	DGBB-SS	0.64
NVTR-3.50-SS	3,940	2,950	990	740	10,000	1,940	430	130	900	350	PFC Lip	DGBB-SS	1.50
NVTR-4.50A-SS	6,010	5,040	1,510	1,260	8,000	8,010	680	210	1,950	650	PFC Lip	DGBB-SS	3.31
NVTR-5.50A-SS	6,010	5,040	1,510	1,260	8,000	8,010	900	270	1,950	650	PFC Lip	DGBB-SS	4.07



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +180°F
High and Low temperature options are available.

Specifications subject to change without notice.

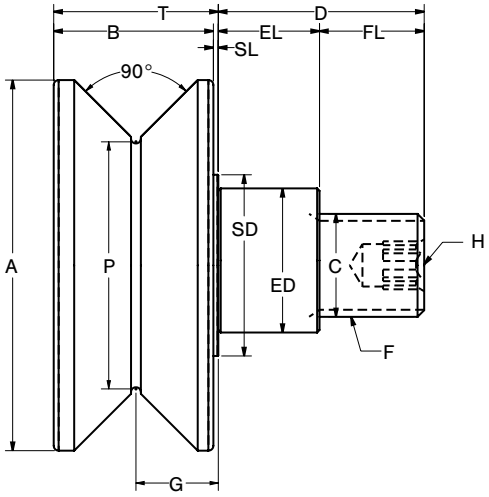
NVTRE-SS – NON-METALLIC TREAD

V-Groove – Stainless Steel Stud Eccentric
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	G	H	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Groove Center	Hex Size	Point Dia. +.000 -.001	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.				Dia.	Len.	Len. + Roller Width
NVTRE-1.50-SS	1.50	0.75	0.437	1.00	0.625	0.48	0.03	7/16 - 20	0.52	0.39	3/16	1.125	0.7	0.03	0.78
NVTRE-2.00-SS	2.00	0.81	0.500	1.25	0.687	0.61	0.03	1/2- 20	0.65	0.42	3/16	1.375	0.8	0.03	0.84
NVTRE-2.50-SS	2.50	1.25	0.750	1.75	1.000	0.86	0.03	3/4 - 16	0.90	0.69	5/16	1.500	1.3	0.06	1.31
NVTRE-3.50-SS	3.50	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	0.88	5/16	2.250	1.5	0.06	1.69
NVTRE-4.50A-SS	4.50	1.94	1.250	2.50	1.750	1.23	0.06	1 1/4 - 12	1.27	1.00	1/2	3.000	2.2	0.06	2.00
NVTRE-5.50A-SS	5.50	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1.00	1/2	4.000	2.2	0.06	2.00





NVTRE-SS – NON-METALLIC TREAD

V-Groove – Stainless Steel Stud Eccentric
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NVTRE-1.50-SS	560	270	140	70	24,000	310	70	20	390	100	PFC Lip	DGBB-SS	0.17
NVTRE-2.00-SS	740	370	190	100	19,000	440	130	40	470	100	PFC Lip	DGBB-SS	0.28
NVTRE-2.50-SS	2,090	1,350	530	340	15,000	500	230	70	550	350	PFC Lip	DGBB-SS	0.71
NVTRE-3.50-SS	3,940	2,950	990	740	10,000	1,940	430	130	900	350	PFC Lip	DGBB-SS	1.55
NVTRE-4.50A-SS	6,010	5,040	1,510	1,260	8,000	8,010	680	210	1,950	650	PFC Lip	DGBB-SS	3.94
NVTRE-5.50A-SS	6,010	5,040	1,510	1,260	8,000	8,010	900	270	1,950	650	PFC Lip	DGBB-SS	4.49



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +180°F
High and Low temperature options are available.

Specifications subject to change without notice.

NVTRY-SS – NON-METALLIC TREAD

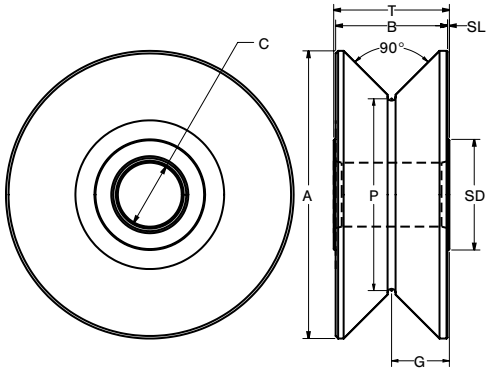
V-Groove – Stainless Steel Yoke
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	G	P	SD	SL	T
	ROLLER					SHOULDER		
	Dia.	Width	Bore Dia. +.0007 -.0000	Groove Center	Point Dia. +.000- .001	Dia.	Len.	Inner Race Width +.005 -.010
NVTRY-2.50-9-SS	2.50	0.88	0.4380	0.47	1.750	0.9	0.03	0.937
NVTRY-2.50-SS	2.50	1.25	0.6255	0.66	2.000	1.1	0.03	1.313
NVTRY-3.00-SS	3.00	1.25	0.6255	0.66	2.060	1.1	0.03	1.313
NVTRY-3.50-SS	3.50	1.50	0.7505	0.78	2.250	1.2	0.03	1.563
NVTRY-3.50-9-SS	3.50	1.63	0.7505	0.84	2.250	1.2	0.03	1.687
NVTRY-3.75A-SS	3.75	1.50	0.7505	0.78	2.500	1.2	0.03	1.563
NVTRY-4.50A-SS	4.50	1.75	1.0005	0.91	3.000	1.8	0.03	1.813
NVTRY-5.00A-SS	5.00	2.00	1.1255	1.03	3.500	2.0	0.03	2.063
NVTRY-5.50A-SS	5.50	2.25	1.2505	1.16	4.000	2.0	0.03	2.313

OPTIONAL PCI YOKE SHAFT	
Concentric Shaft	Eccentric Shaft
YSH-.437-SS	YSHE-.437-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.625-SS	YSHE-.625-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-.750-SS	YSHE-.750-SS
YSH-1.000-SS	YSHE-1.000-SS
YSH-1.125-SS	YSHE-1.125-SS
YSH-1.250-SS	YSHE-1.250-SS





NVTRY-SS – NON-METALLIC TREAD

V-Groove – Stainless Steel Yoke
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

YOKE TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NVTRY-2.50-9-SS	1,450	1,150	370	290	19,000	200	60	PFC Lip	DGBB-SS	0.26
NVTRY-2.50-SS	2,940	2,250	740	570	11,000	150	50	PFC Lip	DGBB-SS	0.62
NVTRY-3.00-SS	2,940	2,250	740	570	11,000	290	90	PFC Lip	DGBB-SS	0.69
NVTRY-3.50-SS	3,180	2,630	800	660	9,500	430	130	PFC Lip	DGBB-SS	1.02
NVTRY-3.50-9-SS	3,180	2,630	800	660	9,500	430	130	PFC Lip	DGBB-SS	0.97
NVTRY-3.75A-SS	4,270	3,440	1,070	860	8,500	470	150	PFC Lip	DGBB-SS	1.27
NVTRY-4.50A-SS	5,030	4,590	1,260	1,150	7,000	680	210	PFC Lip	DGBB-SS	1.93
NVTRY-5.00A-SS	5,320	5,130	1,330	1,290	6,300	790	240	PFC Lip	DGBB-SS	2.75
NVTRY-5.50A-SS	5,320	5,130	1,330	1,290	6,300	900	270	PFC Lip	DGBB-SS	3.50



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +180°F
High and Low temperature options are available.

Specifications subject to change without notice.

NCIR-SS – NON-METALLIC TREAD

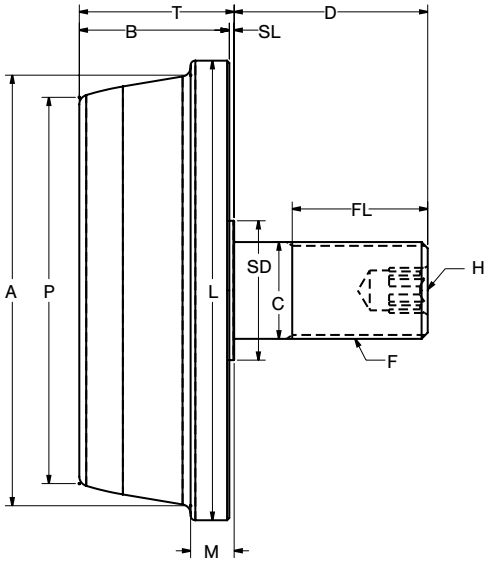
Channel & I-Beam – Stainless Steel Stud Concentric 440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

Solutions Through Innovation

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	P	SD	SL	T
	ROLLER		STUD		THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.		Dia.	Width		Dia.	Len.	Len. + Roller Width
NCIR-3.00-SS	2.56	1.13	0.625	1.50	5/8 - 18	0.75	5/16	2.94	0.31	2.23	0.8	0.06	1.19
NCIR-3.00E-SS	2.56	1.63	0.875	2.00	7/8 - 14	1.13	5/16	2.94	0.62	2.17	1.0	0.06	1.69
NCIR-3.00-1-SS	2.50	1.63	1.000	2.25	1 - 14	1.50	3/8	2.94	0.50	2.06	1.2	0.06	1.69
NCIR-4.00-SS	3.56	1.63	0.875	2.00	7/8 - 14	1.13	5/16	3.94	0.53	3.14	1.0	0.06	1.69
NCIR-4.00E-SS	3.56	1.63	1.000	2.25	1 - 14	1.50	3/8	3.94	0.53	3.14	1.2	0.06	1.69
NCIR-5.00-SS	4.56	1.63	1.000	2.25	1 - 14	1.50	3/8	4.94	0.50	4.13	1.2	0.06	1.69





PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
NCIR-3.00-SS	3" & UP
NCIR-3.00E-SS	3" & UP
NCIR-3.00-1-SS	3" & UP
NCIR-4.00-SS	4" & UP
NCIR-4.00E-SS	4" & UP
NCIR-5.00-SS	5" & UP

NCIR-SS – NON-METALLIC TREAD

Channel & I-Beam – Stainless Steel Stud Concentric 440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf)C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCIR-3.00-SS	2,090	1,350	530	340	15,000	450	220	70	550	180	PFC Lip	DGBB-SS	0.61
NCIR-3.00E-SS	2,940	2,140	740	540	12,000	980	370	110	900	350	PFC Lip	DGBB-SS	1.34
NCIR-3.00-1-SS	2,940	2,250	740	570	11,000	1,720	350	110	1,340	350	PFC Lip	DGBB-SS	1.34
NCIR-4.00-SS	2,940	2,140	740	540	12,000	1,040	520	160	900	350	PFC Lip	DGBB-SS	1.54
NCIR-4.00E-SS	4,270	3,440	1,070	860	8,500	2,330	520	160	1,340	350	PFC Lip	DGBB-SS	2.09
NCIR-5.00-SS	4,270	3,440	1,070	860	8,500	2,360	710	210	1,340	350	PFC Lip	DGBB-SS	2.60



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +180°F
High and Low temperature options are available.

Specifications subject to change without notice.

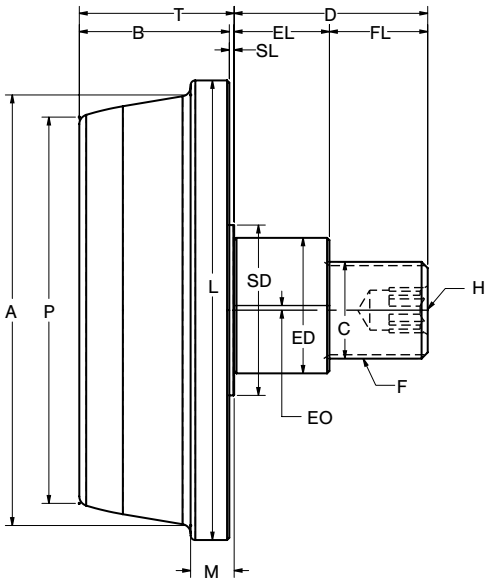
NCIRE-SS – NON-METALLIC TREAD

Channel & I-Beam – Stainless Steel Stud Eccentric
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	L	M	P	SD	SL	T
	ROLLER		STUD		ECCENTRIC			THREAD		Hex Size	FLANGE		Point Dia.	SHOULDER		
	Dia.	Width	Dia.	Len.	Dia. +.000 -.002	Len.	Offset	Size	Len.		Dia.	Width		Dia.	Len.	Len. + Roller Width
NCIRE-3.00-SS	2.56	1.13	0.625	1.50	0.875	0.73	0.03	5/8 - 18	0.77	5/16	2.94	0.31	2.23	1.1	0.06	1.19
NCIRE-3.00E-SS	2.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	2.94	0.62	2.17	1.5	0.06	1.69
NCIRE-3.00-1-SS	2.50	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	2.94	0.50	2.06	1.7	0.06	1.69
NCIRE-4.00-SS	3.56	1.63	0.875	2.00	1.187	0.98	0.03	7/8 - 14	1.02	5/16	3.94	0.53	3.14	1.5	0.06	1.69
NCIRE-4.00E-SS	3.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	3.94	0.53	3.14	1.7	0.06	1.69
NCIRE-5.00-SS	4.56	1.63	1.000	2.25	1.375	1.11	0.03	1 - 14	1.15	3/8	4.94	0.50	4.13	1.7	0.06	1.69





PCI has designed our Channel & I-Beam Track Rollers to be used with commercially available structural steel members, using the structural steel as the track surface. They are a size-for-size fit in C-Channel & I-Beam members manufactured to AISI standards. Channel & I-Beam rollers can be used as guide rollers and load carrying rollers.

PCI Assembly Part Number	C-Channel & I-Beam Size
NCIRE-3.00-SS	3" & UP
NCIRE-3.00E-SS	3" & UP
NCIRE-3.00-1-SS	3" & UP
NCIRE-4.00-SS	4" & UP
NCIRE-4.00E-SS	4" & UP
NCIRE-5.00-SS	5" & UP

NCIRE-SS – NON-METALLIC TREAD

Channel & I-Beam – Stainless Steel Stud Eccentric
440-Stainless Steel Ball Bearings

∞ Infinity Roller™ Technology

STUD TYPE TRACK ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Rotational Tread Capacity (lbf)	Stationary Tread Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping To-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCIRE-3.00-SS	2,090	1,350	530	340	15,000	450	220	70	550	250	PFC Lip	DGBB-SS	0.63
NCIRE-3.00E-SS	2,940	2,140	740	540	12,000	980	370	110	900	650	PFC Lip	DGBB-SS	1.53
NCIRE-3.00-1-SS	2,940	2,250	740	570	11,000	1,720	350	110	1,340	650	PFC Lip	DGBB-SS	1.56
NCIRE-4.00-SS	2,940	2,140	740	540	12,000	1,040	520	160	900	650	PFC Lip	DGBB-SS	1.76
NCIRE-4.00E-SS	4,270	3,440	1,070	860	8,500	2,560	520	160	1,340	650	PFC Lip	DGBB-SS	2.37
NCIRE-5.00-SS	4,270	3,440	1,070	860	8,500	2,600	710	210	1,340	650	PFC Lip	DGBB-SS	2.87



NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
PFC: Fluorocarbon Rubber Lip

BEARING TYPES:
DGBB-SS: Deep Groove Ball Bearings – 440 Stainless Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: 0° to +180°F
High and Low temperature options are available.

Specifications subject to change without notice.

LOAD BEARING ROLLER ASSEMBLIES
Interchange Charts

CAM FOLLOWER	PCT	McGill	RBC
Plain - Stud Type	SCF	CF	S
Plain - Eccentric Stud	SCFE	CFE	S-X
Crowned - Stud Type	SCCF	CCF	CS
Crowned - Eccentric Stud	SCCFE	CCFE	CS-X
Plain - Heavy Stud	HCF	CFH	H
Crowned - Heavy Stud	HCCF	CCFH	CH
Plain - Yoke Type	YCF	CYR	Y
Crowned - Yoke Type	YCCF	CCYR	CY

DOUBLE CYLINDRICAL BEARING (DCB)	PCT	McGill	RBC
Plain - Stud Type	PDC	CFD	RBC
Plain - Eccentric Stud	PDCE	-	-
Crowned - Stud Type	CDC	CCFD	CRBC
Crowned - Eccentric Stud	CDCE	-	-
Plain - Heavy Stud	HPDC	-	-
Crowned - Heavy Stud	HCDC	-	-
Plain - Yoke Type	PDCY	CYRD	RBY
Crowned - Yoke Type	CDCY	CCYRD	CRBY

TRACK ROLLERS	PCT	McGill	OSBORN
Plain - Stud Type	PTR	PCF	PLR
Plain - Eccentric Stud	PTRE	PCFE	PLRE
Flanged - Stud Type	FTR	FCF	FLR
Flanged - Eccentric Stud	FTRE	FCFE	FLRE
Double Flanged - Stud Type	FFTR	-	FFLR
V-Grooved - Stud Type	VTR	VCF	VLR
V-Grooved - Eccentric Stud	VTRE	VCFE	VLRE
Channel & I-Beam	CIR	-	FLRC
Channel & I-Beam - Eccentric	CIRE	-	FLRCE
Plain - Yoke Type	PTRY	PCYR	PLRY
Flanged - Yoke Type	FTRY	FCYR	FLRY
V-Grooved - Yoke Type	VTRY	VCYR	VLRY

PCI®

Solutions Through Innovation



LOAD BEARING ROLLER ASSEMBLIES

Industry Solutions



(989) 358-6148 | www.pcimfg.com

WGR SERIES WIRE GUIDE ROLLER

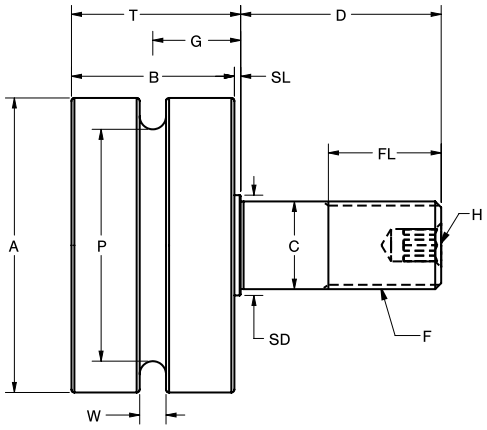
Wire Guide - Stud Type Concentric Ball Bearings

∞ Infinity Roller™ Technology-

Solutions Through Innovation

STUD TYPE WIRE GUIDE ∞ | PART NUMBER	A	B	C	D	F	FL	G	P	W	H	SD	SL	T
	ROLLER		STUD		THREAD		GROOVE				SHOULDER		
	Dia.	Width	Dia. +.000 -.001	Len.	Size	Len.	Center	Dia. +.003 -.003	Width +.003 -.003	Hex Size	Dia.	Len.	Len. + Roller Width
WGR-2.937-A	2.94	1.63	0.875	2.00	7/8 - 14	1.13	0.88	2.313	0.263	5/16	1.0	0.06	1.69
WGR-2.937-B	2.94	1.63	0.875	2.00	7/8 - 14	1.13	0.88	2.313	0.242	5/16	1.0	0.06	1.69
WGR-2.937-C	2.94	1.63	0.875	2.00	7/8 - 14	1.13	0.88	2.375	0.224	5/16	1.0	0.06	1.69
WGR-2.937-D	2.94	1.63	0.875	2.00	7/8 - 14	1.13	0.88	2.375	0.207	5/16	1.0	0.06	1.69
WGR-2.937-E	2.94	1.63	0.875	2.00	7/8 - 14	1.13	0.88	2.438	0.184	5/16	1.0	0.06	1.69
WGR-2.937-F	2.94	1.63	0.875	2.00	7/8 - 14	1.13	0.88	2.500	0.169	5/16	1.0	0.06	1.69
WGR-2.937-G	2.94	1.63	0.875	2.00	7/8 - 14	1.13	0.88	2.500	0.152	5/16	1.0	0.06	1.69
WGR-2.937-H	2.94	1.63	0.875	2.00	7/8 - 14	1.13	0.88	2.563	0.138	5/16	1.0	0.06	1.69
WGR-2.937-I	2.94	1.63	0.875	2.00	7/8 - 14	1.13	0.88	2.625	0.124	5/16	1.0	0.06	1.69
WGR-2.937-J	2.94	1.63	0.875	2.00	7/8 - 14	1.13	0.88	2.625	0.113	5/16	1.0	0.06	1.69





WGR SERIES WIRE GUIDE ROLLER

Wire Guide - Stud Type Concentric Ball Bearings

∞ Infinity Roller™ Technology-

Solutions Through Innovation

STUD TYPE WIRE GUIDE ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Thrust Dynamic Load Rating (lbf)	Thrust Static Load Rating (lbf)	Max Speed Rating (rpm)	Stud Capacity (lbf)	Retaining Ring Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
WGR-2.937-A	4,670	3,020	2,080	760	10,000	4,460	1,340	1,200	NBR Lip	PREMIUM DGBB	2.90
WGR-2.937-B	4,670	3,020	2,080	760	10,000	4,460	1,340	1,200	NBR Lip	PREMIUM DGBB	2.91
WGR-2.937-C	4,670	3,020	2,080	760	10,000	4,460	1,340	1,200	NBR Lip	PREMIUM DGBB	2.94
WGR-2.937-D	4,670	3,020	2,080	760	10,000	4,460	1,340	1,200	NBR Lip	PREMIUM DGBB	2.95
WGR-2.937-E	4,670	3,020	2,080	760	10,000	4,460	1,340	1,200	NBR Lip	PREMIUM DGBB	2.97
WGR-2.937-F	4,670	3,020	2,080	760	10,000	4,460	1,340	1,200	NBR Lip	PREMIUM DGBB	2.99
WGR-2.937-G	4,670	3,020	2,080	760	10,000	4,460	1,340	1,200	NBR Lip	PREMIUM DGBB	3.00
WGR-2.937-H	4,670	3,020	2,080	760	10,000	4,460	1,340	1,200	NBR Lip	PREMIUM DGBB	3.02
WGR-2.937-I	4,670	3,020	2,080	760	10,000	4,460	1,340	1,200	NBR Lip	PREMIUM DGBB	3.03
WGR-2.937-J	4,670	3,020	2,080	760	10,000	4,460	1,340	1,200	NBR Lip	PREMIUM DGBB	3.03



NOTE:
PCI's standard part offering features ∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

CSO = PCI's Cost Savings Option
These rollers contain more economical internal seals and rolling elements to match the capacity and life of other brands.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber

BEARING TYPES:
DGBB: Deep Groove Ball Bearings - Alloy Steel
TRB: Tapered Roller Bearings - Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
Approximate continuous operating temperature: -30° to +225°F
High and Low temperature options are available.

Specifications subject to change without notice.

TDR SERIES ROLLER ASSEMBLY

Top Drive Rollers

Double Row Cylindrical Roller/Needle Bearings

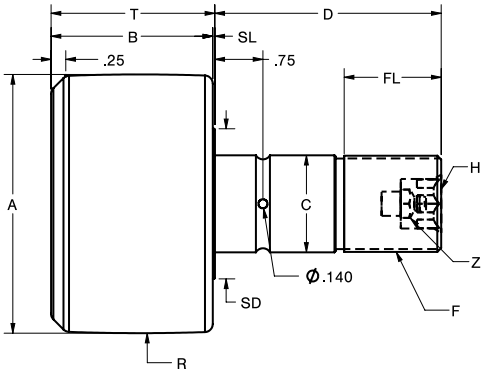
∞ *Infinity Roller™ Technology-*

Solutions Through Innovation

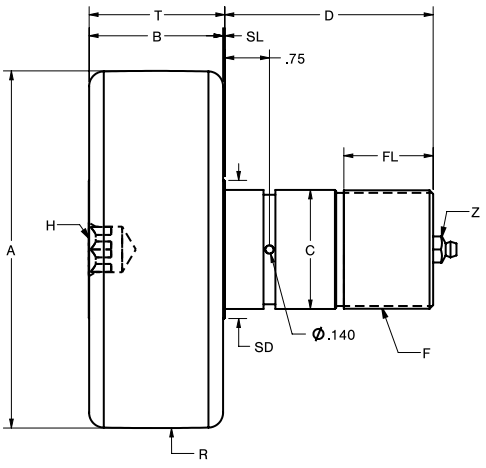
STUD TYPE TDR ROLLER ∞ | PART NUMBER	A	B	C	D	F	FL	H	R	SD	SL	T	Z
	ROLLER		STUD		THREAD		Hex Size	Crown Radius	SHOULDER			Lube Size
	Dia. +.000 -.001	Width	Dia. +.000 -.001	Len.	Size	Len.			Dia.	Len.	Len. + Roller Width	
TDR-4.00-1	4.000	2.50	1.500	3.50	1 1/2 - 12	1.50	3/4	30	2.3	0.03	2.53	1/8-27 NPT
TDR-4.00-2	4.000	2.50	1.500	3.50	1 1/2 - 12	1.50	3/4	30	2.3	0.03	2.53	1/8-27 NPT
TDR-4.00-3	4.000	2.50	1.500	3.50	1 1/2 - 12	1.50	3/4	30	2.9	0.03	2.53	1/8-27 NPT
TDR-6.00-1	6.000	2.25	2.000	3.50	2 - 12	1.50	3/4	48	2.3	0.03	2.28	1/8-27 NPT
TDR-6.00-2	6.000	2.25	2.000	3.50	2 - 12	1.50	3/4	48	2.3	0.03	2.28	1/8-27 NPT
TDR-6.00-3	6.000	2.25	2.000	3.30	2 - 12	1.50	3/4	48	2.9	0.03	2.28	1/8-27 NPT
TDR-6.00-4	6.000	2.25	2.000	3.30	2 - 12	1.50	3/4	48	2.9	0.03	2.28	1/8-27 NPT
TDR-6.00-5	6.000	2.25	2.000	3.30	2 - 12	1.50	3/4	48	2.3	0.03	2.28	1/8-27 NPT



4.00 ROLLER DIA.



6.00 ROLLER DIA.



TDR SERIES ROLLER ASSEMBLY

Top Drive Rollers

Double Row Cylindrical Roller/Needle Bearings

∞ Infinity Roller™ Technology-

STUD TYPE TDR ROLLER ∞ | PART NUMBER	Basic Radial Dynamic Load Rating (lbf) C	Basic Radial Static Load Rating (lbf) Co	Stud Capacity (lbf)	Max. Clamping Torque (in-lbf)*	Seal Type	Bearing Type	Finish	Approx. Roller Weight (lbs)
TDR-4.00-1	47,200	67,200	19,100	2,250	NBR Lip	FC DCRB	Thin Dense Chrome	8.88
TDR-4.00-2	47,200	67,200	19,100	2,250	NBR Lip	FC DCRB-SS	Thin Dense Chrome	8.88
TDR-4.00-3	30,270	89,540	19,100	2,250	Moly-Filled Nylon Lip	FC Needle	Thin Dense Chrome	9.31
TDR-6.00-1	47,200	67,200	46,010	2,250	NBR Lip	FC DCRB	Thin Dense Chrome	19.62
TDR-6.00-2	47,200	67,200	46,010	2,250	NBR Lip	FC DCRB-SS	Thin Dense Chrome	19.62
TDR-6.00-3	30,270	89,540	46,010	2,250	Moly-Filled Nylon Lip	FC Needle	Thin Dense Chrome	19.85
TDR-6.00-4	30,270	89,540	46,010	2,250	Moly-Filled Nylon Lip	FC Needle	Black Oxide	19.85
TDR-6.00-5	47,200	67,200	46,010	2,250	NBR Lip	FC DCRB	Thin Dense Chrome	19.46





NOTE:
PCI's standard part offering features
∞ | Infinity Roller™ Technology.
This innovation targets and addresses the most vulnerable areas of the assembly outlasting all competitive products on the market.

**For lubricated threads, use half the maximum clamping torque value shown.*

SEAL TYPE:
NBR: Nitrile Butadiene Rubber
MFN: Molybdenum disulfide (MoS2) filled nylon material

BEARING TYPES:
FC DCRB: Full Complement Double Row Cylindrical Roller Bearings – Alloy Steel

FC DCRB-SS: Full Complement Double Row Cylindrical Roller Bearings – 440C Stainless Steel

FC NEEDLE: Full Complement Needle Bearings – Alloy Steel

Grease Fittings, Jam Nut & Lock Washer sets are available at an additional cost.

TEMPERATURE RANGE:
FC DCRB: Approximate continuous operating temperature: -30° - +225°F
FC Needle: Approximate continuous operating temperature: 0° - +200°F

High and Low temperature options are available.

Solutions Through Innovation

LOAD BEARING ROLLER ASSEMBLIES
ACCESSORIES



(989) 358-6148 | www.pcimfg.com

Threaded fasteners create non-permanent mountings to retain a Load Bearing Roller Assembly to the mounting rail. They produce the required positive clamping force needed to immobilize the stud or yoke inner race. PCI suggests using threaded fastener sets and discourages use of retaining rings, keeper clips, spring pins, etc. PCI fasteners allow for easy mounting and dismounting, and are available for purchase without taking extra steps to source them elsewhere.



Jam Nut and Lock Washer Sets are the most common fasteners for Load Bearing Roller Assemblies. Jam Nuts are favored over standard Hex Nuts as they are thinner and can fit in tighter places. A lock washer is used to limit the effect of vibration on the jam nut, as too much vibration can cause the nut to loosen. PCI Jam Nut and Lock Washer sets are available in:

- Carbon or Stainless Steel
- Imperial or Metric Sizes
- Concentric or Eccentric Configurations



Nylon Insert Lock Nuts are an alternative to Nut and Lock Washer sets. This singular fastener features an integrated nylon ring, which acts as a lock washer to prevent loosening during operation. While nylon insert lock nuts are suited for high vibration applications, they are not suitable for high temperature applications and are only available in select sizes. Contact PCI Customer Serivce for availability in:

- Carbon and Stainless Steel
- Imperial and Metric Sizes



PCI Heavy Duty Yoke Shafts are precision made shafts for Yoke type Load Bearing Roller Assemblies. They are designed and machined to tight tolerances to ensure optimum fit for single and double capture mounts. All PCI heavy duty yoke shafts come with a jam nut and lock washer and are available in:

- Carbon and Stainless Steel
- Imperial and Metric Sizes
- Concentric or Eccentric Configurations

Solutions Through Innovation

YSH HEAVY DUTY YOKE SHAFT

Threaded & Endcap Style Concentric Shaft

∞ Infinity Roller™ Technology

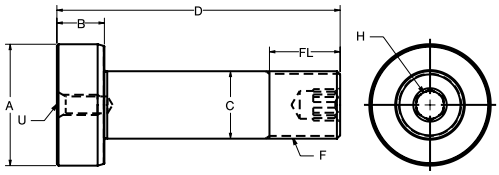
YOKE SHAFT ∞ | PART NUMBER	A HEAD Dia.	B HEAD Width	C SHAFT Dia. +.0000 -.0005	D SHAFT Len.	F THREAD Size	FL THREAD Len.	H Hex Size	L Main Dia.	M Overall Width	P Minor Width	U Internal Thread	Max. Clamping Torque (in-lbf)*	Type	Approx. Weight (lbs)
YSH-.312	0.6250	0.25	0.3125	1.56	5/16 - 24	0.63	5/32	-	-	-	10 - 32 UNF	40	Threaded	0.06
YSH-.375	0.6250	0.31	0.3750	1.81	3/8 - 24	0.63	5/32	-	-	-	10 - 32 UNF	40	Threaded	0.09
YSH-.437	0.7500	0.38	0.4375	2.06	7/16 - 20	0.63	5/32	-	-	-	1/4 - 28 UNF	120	Threaded	0.13
YSH-.500	0.8750	0.44	0.5000	2.38	1/2- 20	0.75	1/4	-	-	-	1/4 - 28 UNF	120	Threaded	0.20
YSH-.625	1.1250	0.50	0.6250	3.00	5/8 - 18	0.88	5/16	-	-	-	1/4 - 28 UNF	350	Threaded	0.48
YSH-.750	1.2500	0.63	0.7500	3.69	3/4 - 16	1.00	5/16	-	-	-	1/4 - 28 UNF	650	Threaded	0.81
YSH-1.000	1.7500	0.75	1.0000	4.31	1 - 14	1.13	1/2	-	-	-	1/4 - 28 UNF	1,500	Threaded	1.26
YSH-1.125	2.0000	0.88	1.1250	4.88	1 1/8 - 12	1.19	1/2	-	-	-	3/8 - 16 UNC	1,500	Threaded	1.86
YSH-1.250	2.2500	0.88	1.2500	5.25	1 1/4 - 12	1.31	1/2	-	-	-	3/8 - 16 UNC	1,500	Threaded	2.47
YSH-1.750	3.5000	1.25	1.7500	7.00	1 3/4 - 12	1.88	1/2	-	-	-	1/2 - 13 UNC	1,500	Threaded	7.33
YSH-2.250	3.5000	1.25	2.2500	7.75	2 1/4 - 12	2.13	5/8	-	-	-	1/2 - 13 UNC	1,500	Threaded	11.38
YSH-2.750	4.2500	1.38	2.7500	9.00	2 3/4 - 12	2.63	5/8	-	-	-	1/2 - 13 UNC	1,500	Threaded	23.46
YSH-3.250	4.7500	1.88	3.2550	7.63	-	-	-	4.00	1.00	0.50	1/2 - 13 UNC	1,120	Endcap	25.67
YSH-3.750	5.5000	2.13	3.7550	8.63	-	-	-	4.50	1.13	0.50	3/4 - 10 UNC	2,150	Endcap	38.00
YSH-4.250	6.5000	2.25	4.2550	9.38	-	-	-	5.00	1.13	0.50	3/4 - 10 UNC	2,150	Endcap	54.86

YSH includes jam nut and lock washer fasteners

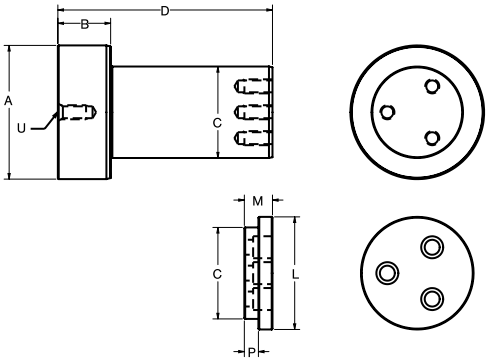




THREADED STYLE



ENDCAP STYLE



YSH-R HEAVY DUTY YOKE SHAFT

Threaded & Endcap Style
Concentric Shaft - Regreasable

∞ Infinity Roller™ Technology

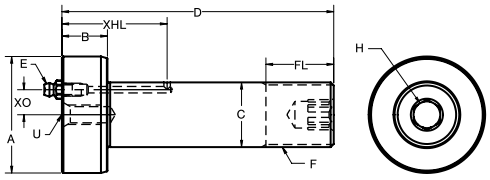
Solutions Through Innovation

YOKE SHAFT ∞ | PART NUMBER	A	B	C	D	F	FL	H	L	M	P	U	XHL	XO	Z	Max. Clamping Torque (in-lbf)*	Style	Approx. Weight (lbs)
	HEAD		SHAFT		THREAD												
	Dia.	Width	Dia. +.0000 -.0005	Len.	Size	Len.	Hex Size	Main Dia.	Overall Width	Minor Width	Internal Thread	Crosshole Location	Grease Fitting Offset	Lube Size			
YSH-.312-R	0.6250	0.25	0.3125	1.56	5/16 - 24	0.63	5/32	-	-	-	10 - 32 UNF	0.59	-	10 - 32 UNF	40	Threaded	0.06
YSH-.375-R	0.6250	0.31	0.3750	1.81	3/8 - 24	0.63	5/32	-	-	-	10 - 32 UNF	0.72	-	10 - 32 UNF	40	Threaded	0.09
YSH-.437-R	0.7500	0.38	0.4375	2.06	7/16 - 20	0.63	5/32	-	-	-	1/4 - 28 UNF	0.84	-	1/4 - 28 UNF	120	Threaded	0.14
YSH-.500-R	0.8750	0.44	0.5000	2.38	1/2- 20	0.75	1/4	-	-	-	1/4 - 28 UNF	0.97	-	1/4 - 28 UNF	120	Threaded	0.21
YSH-.625-R	1.1250	0.50	0.6250	3.00	5/8 - 18	0.88	5/16	-	-	-	1/4 - 28 UNF	1.10	-	1/4 - 28 UNF	350	Threaded	0.49
YSH-.750-R	1.2500	0.63	0.7500	3.69	3/4 - 16	1.00	5/16	-	-	-	1/4 - 28 UNF	1.40	-	1/4 - 28 UNF	650	Threaded	0.71
YSH-1.000-R	1.7500	0.75	1.0000	4.31	1 - 14	1.13	1/2	-	-	-	1/4 - 28 UNF	1.66	-	1/4 - 28 UNF	1,500	Threaded	1.27
YSH-1.125-R	2.0000	0.88	1.1250	4.88	1 1/8 - 12	1.19	1/2	-	-	-	3/8 - 16 UNC	1.91	0.42	1/4 - 28 UNF	1,500	Threaded	1.85
YSH-1.250-R	2.2500	0.88	1.2500	5.25	1 1/4 - 12	1.31	1/2	-	-	-	3/8 - 16 UNC	2.03	0.48	1/4 - 28 UNF	1,500	Threaded	2.47
YSH-1.750-R	3.5000	1.25	1.7500	7.00	1 3/4 - 12	1.88	1/2	-	-	-	1/2 - 13 UNC	2.69	0.69	1/8 - 27 NPT	1,500	Threaded	7.34
YSH-2.250-R	3.5000	1.25	2.2500	7.75	2 1/4 - 12	2.13	5/8	-	-	-	1/2 - 13 UNC	2.94	0.94	1/8 - 27 NPT	1,500	Threaded	11.36
YSH-2.750-R	4.2500	1.38	2.7500	9.00	2 3/4 - 12	2.63	5/8	-	-	-	1/2 - 13 UNC	3.31	1.06	1/8 - 27 NPT	1,500	Threaded	23.02
YSH-3.250-R	4.7500	1.88	3.2550	7.63	-	-	-	4.00	1.00	0.50	1/2 - 13 UNC	4.13	1.06	1/8 - 27 NPT	1,120	Endcap	25.58
YSH-3.750-R	5.5000	2.13	3.7550	8.63	-	-	-	4.50	1.13	0.50	3/4 - 10 UNC	4.63	1.25	1/8 - 27 NPT	2,150	Endcap	38.00
YSH-4.250-R	6.5000	2.25	4.2550	9.38	-	-	-	5.00	1.13	0.50	3/4 - 10 UNC	5.00	1.38	1/8 - 27 NPT	2,150	Endcap	54.86

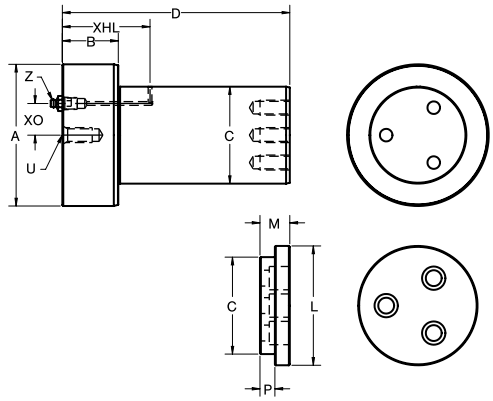
YSH includes jam nut and lock washer fasteners



THREADED STYLE



ENDCAP STYLE



MYSH HEAVY DUTY YOKE SHAFT

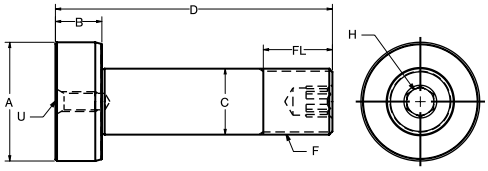
Metric - Threaded Style
Concentric Shaft

∞ Infinity Roller™ Technology

Metric Measure (mm)										
YOKE SHAFT ∞ | PART NUMBER	A	B	C	D	F	FL	H	U	Max. Clamping Torque (Nm)*	Approx. Weight (lbs)
	HEAD		SHAFT		THREAD		Hex Size	Internal Thread		
	Dia. +.01 -.03	Width	Dia. +.00 -.02	Len.	Size	Len.				
MYSH-10	18	10	10	55	M10 X 1	15	4	M6 X 1	20	0.32
MYSH-15	25	14	15	80	M14 X 2	22	8	M6 X 1	20	0.33
MYSH-19	40	16	19	95	M18 X 1.5	26	8	M6 X 1	20	0.45
MYSH-20	32	16	20	94	M20 X 1.5	25	8	M6 X 1	68	0.70
MYSH-25	45	19	25	110	M24 X 1.5	29	8	M6 X 1	68	0.75
MYSH-30	57	22	30	135	M30 X 3.5	31	12.2	M8 X 1.25	136	0.95
MYSH-45	83	32	45	185	M45 X 4.5	54	12.2	M12 X 1.75	136	1.50
MYSH-55	89	32	55	195	M52 X 5	62	12.2	M12 X 1.75	136	5.70
MYSH-70	108	35	70	220	M70 X 6	74	12.2	M12 X 1.75	136	10.00

YSH includes jam nut and lock washer fasteners
MYSH-R available upon request





Solutions Through Innovation

YSHE HEAVY DUTY YOKE SHAFT

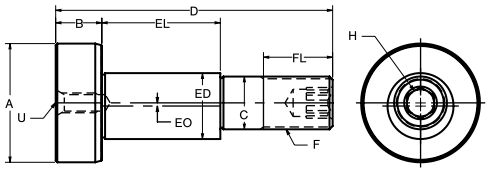
Threaded Style Eccentric Shaft

∞ Infinity Roller™ Technology

YOKE SHAFT ∞ | PART NUMBER	A	B	C	D	F	FL	H	F	FL	H	U	Max. Clamping Torque (in-lbf)*	Approx. Weight (lbs)
	HEAD		SHAFT		ECCENTRIC			THREAD		Hex Size	Internal Thread		
	Dia. +.0005 -.0010	Width	Dia. +.0000 -.0005	Len.	Size	Len.	Offset	Dia. +.000 -.001	Len.				
YSHE-.312	0.6250	0.25	0.2500	1.56	0.313	0.59	0.01	1/4 - 28 UNF	0.38	1/8	10 - 32 UNF	20	0.06
YSHE-.375	0.6250	0.31	0.3125	1.81	0.375	0.59	0.01	5/16 - 24	0.38	5/32	10 - 32 UNF	20	0.09
YSHE-.437	0.7500	0.38	0.3125	2.06	0.437	0.84	0.03	5/16 - 24	0.38	5/32	1/4 - 28 UNF	40	0.11
YSHE-.500	0.8750	0.44	0.3750	2.38	0.500	0.97	0.03	3/8 -24	0.56	5/32	1/4 - 28 UNF	40	0.17
YSHE-.625	1.1250	0.50	0.5000	3.00	0.625	1.19	0.03	1/2 - 20	0.56	1/4	1/4 - 28 UNF	120	0.30
YSHE-.750	1.2500	0.63	0.6250	3.69	0.750	1.50	0.03	5/8 - 18	1.00	5/16	1/4 - 28 UNF	120	0.66
YSHE-1.000	1.7500	0.75	0.8750	4.31	1.000	1.75	0.03	7/8 - 14	1.13	5/16	1/4 - 28 UNF	1,500	1.50
YSHE-1.125	2.0000	0.88	1.0000	4.88	1.125	2.00	0.03	1 - 14	1.19	1/2	3/8 - 16 UNC	1,500	2.14
YSHE-1.250	2.2500	0.88	1.0000	5.25	1.250	2.25	0.06	1 - 14	1.31	1/2	3/8 - 16 UNC	1,500	2.36
YSHE-1.750	3.5000	1.25	1.5000	7.00	1.750	2.81	0.06	1 1/2 - 12	1.88	1/2	1/2 - 13 UNC	1,500	7.87
YSHE-2.250	3.5000	1.25	2.0000	7.75	2.250	3.31	0.06	2 - 12	2.13	5/8	1/2 - 13 UNC	1,500	12.32
YSHE-2.750	4.2500	1.38	2.5000	9.00	2.750	3.81	0.06	2 1/2 - 12	2.63	5/8	1/2 - 13 UNC	1,500	21.88

YSH includes jam nut and lock washer fasteners





YSHE-R HEAVY DUTY YOKE SHAFT

Threaded Style

Eccentric Shaft - Regreasable

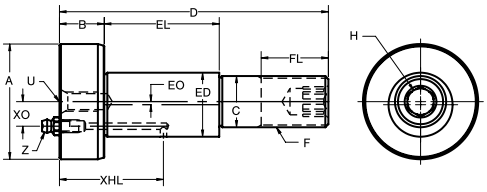
∞ Infinity Roller™ Technology

Solutions Through Innovation

YOKE SHAFT ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	U	XHL	XO	Z	Max. Clamping Torque (in-lbf)*	Approx. Weight (lbs)
	HEAD		SHAFT		ECCENTRIC			THREAD								
	Dia. -.0005 -.0010	Width	Dia. +.0000 -.0005	Len.	Dia. +.000 -.001	Len.	Offset	Size	Len.	Hex Size	Internal Thread	Crosshole Location	Grease Fitting Offset	Lube Size		
YSHE-.312-R	0.6250	0.25	0.2500	1.56	0.313	0.59	0.01	1/4 - 28	0.38	1/8	10 - 32 UNF	0.61	-	10 - 32 UNF	20	0.06
YSHE-.375-R	0.6250	0.31	0.3125	1.81	0.375	0.59	0.01	5/16 - 24	0.38	5/32	10 - 32 UNF	0.73	-	10 - 32 UNF	20	0.09
YSHE-.437-R	0.7500	0.38	0.3125	2.06	0.437	0.84	0.03	5/16 - 24	0.38	5/32	1/4 - 28 UNF	0.84	-	1/4 - 28 UNF	40	0.12
YSHE-.500-R	0.8750	0.44	0.3750	2.38	0.500	0.97	0.03	3/8 -24	0.56	5/32	1/4 - 28 UNF	0.97	-	1/4 - 28 UNF	40	0.18
YSHE-.625-R	1.1250	0.50	0.5000	3.00	0.625	1.19	0.03	1/2 - 20	0.56	1/4	1/4 - 28 UNF	1.10	-	1/4 - 28 UNF	120	0.38
YSHE-.750-R	1.2500	0.63	0.6250	3.69	0.750	1.50	0.03	5/8 - 18	1.00	5/16	1/4 - 28 UNF	1.40	-	1/4 - 28 UNF	120	0.79
YSHE-1.000-R	1.7500	0.75	0.8750	4.31	1.000	1.75	0.03	7/8 - 14	1.13	5/16	1/4 - 28 UNF	1.66	-	1/4 - 28 UNF	1,500	1.51
YSHE-1.125-R	2.0000	0.88	1.0000	4.88	1.125	2.00	0.03	1 - 14	1.19	1/2	3/8 - 16 UNC	1.91	0.42	1/4 - 28 UNF	1,500	2.14
YSHE-1.250-R	2.2500	0.88	1.0000	5.25	1.250	2.25	0.06	1 - 14	1.31	1/2	3/8 - 16 UNC	2.03	0.48	1/4 - 28 UNF	1,500	2.58
YSHE-1.750-R	3.5000	1.25	1.5000	7.00	1.750	2.81	0.06	1 1/2 - 12	1.88	1/2	1/2 - 13 UNC	2.69	0.69	1/8 - 27 NPT	1,500	7.86
YSHE-2.250-R	3.5000	1.25	2.0000	7.75	2.250	3.31	0.06	2 - 12	2.13	5/8	1/2 - 13 UNC	2.94	0.94	1/8 - 27 NPT	1,500	12.31
YSHE-2.750-R	4.2500	1.38	2.5000	9.00	2.750	3.81	0.06	2 1/2 - 12	2.63	5/8	1/2 - 13 UNC	3.31	1.06	1/8 - 27 NPT	1,500	21.81

YSH includes jam nut and lock washer fasteners





MYSHE HEAVY DUTY YOKE SHAFT

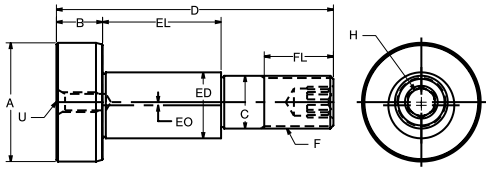
Threaded Style
Eccentric Shaft - Regreasable

∞ Infinity Roller™ Technology

Metric Measure (mm)													
YOKE SHAFT ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	U	Max. Clamping Torque (Nm)*	Approx. Weight (kg)
	HEAD		SHAFT		ECCENTRIC			THREAD					
	Dia. -.01 -.03	Width	Dia. +.00 -.02	Len.	Dia. +.00 -.03	Len.	Offset	Size	Len.	Hex Size	Internal Thread		
MYSHE-10	18	10	8	55	10	23	0.8	M8 X 1	15	4	M6 X 1	20	0.32
MYSHE-15	25	14	12	80	15	33	0.8	M12 X 1.5	22	6	M6 X 1	20	0.33
MYSHE-19	40	16	16	95	19	40	0.8	M16 X 1.5	26	8	M6 X 1	20	0.45
MYSHE-20	32	16	18	94	20	40	0.8	M18 X 1.5	25	8	M6 X 1	68	0.70
MYSHE-25	45	19	20	110	25	46	0.8	M20 X 1.5	29	8	M6 X 1	68	0.75
MYSHE-30	57	22	24	135	30	56	0.8	M24 X 1.5	31	12.2	M8 X 1.25	136	0.95
MYSHE-45	83	32	30	185	45	71	0.8	M30 X 3.5	54	12.2	M12 X 1.75	136	1.50
MYSHE-55	89	32	48	195	55	73	1.5	M48 X 5	62	12.2	M12 X 1.75	136	5.70
MYSHE-70	108	35	64	220	70	79	1.5	M64 X 6	74	12.2	M12 X 1.75	136	10.00

YSH includes jam nut and lock washer fasteners
MYSHE-R available upon request





YSH-SS HEAVY DUTY YOKE SHAFT

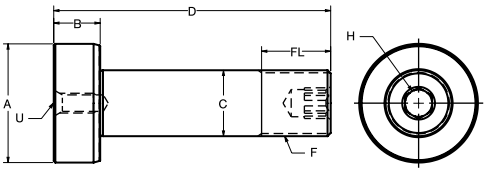
Threaded & Endcap Style
Concentric Shaft

∞ Infinity Roller™ Technology

YOKE SHAFT ∞ | PART NUMBER	A HEAD Dia. +.0005 -.0010	B HEAD Width	C SHAFT Dia. +.0000 -.0005	D SHAFT Len.	F THREAD Size	FL THREAD Len.	H Hex Size	U Internal Thread	Max. Clamping Torque (in-lbf)*	Style	Approx. Weight (lbs)
YSH-.312-SS	0.6250	0.25	0.312	1.56	5/16 - 24	0.63	5/32	10 - 32 UNF	20	Threaded	0.06
YSH-.375-SS	0.6250	0.31	0.375	1.81	3/8 - 24	0.63	5/32	10 - 32 UNF	20	Threaded	0.09
YSH-.437-SS	0.7500	0.38	0.437	2.06	7/16 - 20	0.63	5/32	1/4 - 28 UNF	60	Threaded	0.13
YSH-.500-SS	0.8750	0.44	0.500	2.38	1/2- 20	0.75	1/4	1/4 - 28 UNF	60	Threaded	0.20
YSH-.625-SS	1.1250	0.50	0.625	3.00	5/8 - 18	0.88	5/16	1/4 - 28 UNF	150	Threaded	0.48
YSH-.750-SS	1.2500	0.63	0.750	3.69	3/4 - 16	1.00	5/16	1/4 - 28 UNF	350	Threaded	0.81
YSH-1.000-SS	1.7500	0.75	1.000	4.31	1 - 14	1.13	1/2	1/4 - 28 UNF	650	Threaded	1.26
YSH-1.125-SS	2.0000	0.88	1.125	4.88	1 1/8 - 12	1.19	1/2	3/8 - 16 UNC	650	Threaded	1.86
YSH-1.250-SS	2.2500	0.88	1.250	5.25	1 1/4 - 12	1.31	1/2	3/8 - 16 UNC	1,500	Threaded	2.47
YSH-1.750-SS	3.5000	1.25	1.750	7.00	1 3/4 - 12	1.88	1/2	1/2 - 13 UNC	1,500	Threaded	7.33
YSH-2.250-SS	3.5000	1.25	2.250	7.75	2 1/4 - 12	2.13	5/8	1/2 - 13 UNC	1,500	Threaded	11.38
YSH-2.750-SS	4.2500	1.38	2.750	9.00	2 3/4 - 12	2.63	5/8	1/2 - 13 UNC	1,500	Threaded	23.46

YSH includes jam nut and lock washer fasteners





YSH-SS-R HEAVY DUTY YOKE SHAFT

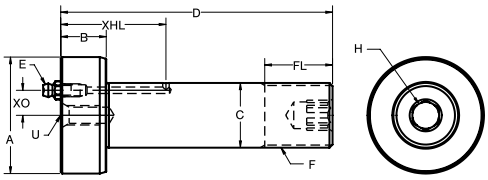
Threaded & Endcap Style
Concentric Shaft - Regreasable

∞ *Infinity Roller™ Technology*

YOKE SHAFT ∞ | PART NUMBER	A	B	C	D	F	FL	H	U	XHL	XO	Z	Max. Clamping Torque (in-lbf)*	Style	Approx. Weight (lbs)
	Head		Shaft		Thread									
	Dia. +.0005 -.0010	Width	Dia. +.0000 -.0005	Len.	Size	Len.	Hex Size	Internal Thread	Crosshold Location	Grease Fitting Offset	Lube Size			
YSH-.312-SS-R	0.6250	0.25	0.3125	1.56	5/16 - 24	0.63	5/32	10 - 32 UNF	0.59	-	10 - 32 UNF	20	Threaded	0.06
YSH-.375-SS-R	0.6250	0.31	0.3750	1.81	3/8 - 24	0.63	5/32	10 - 32 UNF	0.72	-	10 - 32 UNF	20	Threaded	0.09
YSH-.437-SS-R	0.7500	0.38	0.4375	2.06	7/16 - 20	0.63	5/32	1/4 - 28 UNF	0.84	-	1/4 - 28 UNF	60	Threaded	0.14
YSH-.500-SS-R	0.8750	0.44	0.5000	2.38	1/2- 20	0.75	1/4	1/4 - 28 UNF	0.97	-	1/4 - 28 UNF	60	Threaded	0.21
YSH-.625-SS-R	1.1250	0.50	0.6250	3.00	5/8 - 18	0.88	5/16	1/4 - 28 UNF	1.10	-	1/4 - 28 UNF	150	Threaded	0.49
YSH-.750-SS-R	1.2500	0.63	0.7500	3.69	3/4 - 16	1.00	5/16	1/4 - 28 UNF	1.40	-	1/4 - 28 UNF	350	Threaded	0.71
YSH-1.000-SS-R	1.7500	0.75	1.0000	4.31	1 - 14	1.13	1/2	1/4 - 28 UNF	1.66	-	1/4 - 28 UNF	650	Threaded	1.27
YSH-1.125-SS-R	2.0000	0.88	1.1250	4.88	1 1/8 - 12	1.19	1/2	3/8 - 16 UNC	1.91	0.42	1/4 - 28 UNF	650	Threaded	1.85
YSH-1.250-SS-R	2.2500	0.88	1.2500	5.25	1 1/4 - 12	1.31	1/2	3/8 - 16 UNC	2.03	0.48	1/4 - 28 UNF	1,500	Threaded	2.47
YSH-1.750-SS-R	3.5000	1.25	1.7500	7.00	1 3/4 - 12	1.88	1/2	1/2 - 13 UNC	2.69	0.69	1/8 - 27 NPT	1,500	Threaded	7.34
YSH-2.250-SS-R	3.5000	1.25	2.2500	7.75	2 1/4 - 12	2.13	5/8	1/2 - 13 UNC	2.94	0.94	1/8 - 27 NPT	1,500	Threaded	11.36
YSH-2.750-SS-R	4.2500	1.38	2.7500	9.00	2 3/4 - 12	2.63	5/8	1/2 - 13 UNC	3.31	1.06	1/8 - 27 NPT	1,500	Threaded	23.02

YSH includes jam nut and lock washer fasteners





YSHE-SS HEAVY DUTY YOKE SHAFT

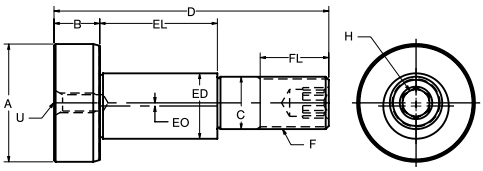
Threaded & Endcap Style Eccentric Shaft

∞ Infinity Roller™ Technology

YOKE SHAFT ∞ | PART NUMBER	A	B	C	D	F	FL	H	F	FL	H	U	Max. Clamping Torque (in-lbf)*	Approx. Weight (lbs)
	HEAD		SHAFT		ECCENTRIC			THREAD					
	Dia. +.0005 -.0010	Width	Dia. +.0000 -.0005	Len.	Dia. +.000 -.001	Len.	Offset	Size	Len.	Hex Size	Internal Thread		
YSHE-.312-SS	0.6250	0.25	0.2500	1.56	0.313	0.59	0.01	1/4 - 28	0.38	1/8	10 - 32 UNF	15	0.06
YSHE-.375-SS	0.6250	0.31	0.3130	1.81	0.375	0.59	0.01	5/16 - 18	0.38	5/32	10 - 32 UNF	15	0.09
YSHE-.437-SS	0.7500	0.38	0.3130	2.06	0.437	0.84	0.03	5/16 - 18	0.38	5/32	1/4 - 28 UNF	15	0.11
YSHE-.500-SS	0.8750	0.44	0.3750	2.38	0.500	0.97	0.03	3/8 - 24	0.56	5/32	1/4 - 28 UNF	30	0.17
YSHE-.625-SS	1.1250	0.50	0.5000	3.00	0.625	1.19	0.03	1/2 - 20	0.56	1/4	1/4 - 28 UNF	30	0.30
YSHE-.750-SS	1.2500	0.63	0.6250	3.69	0.750	1.50	0.03	5/8 - 18	1.00	5/16	1/4 - 28 UNF	120	0.66
YSHE-1.000-SS	1.7500	0.75	0.8750	4.31	1.000	1.75	0.03	7/8 - 14	1.13	5/16	1/4 - 28 UNF	120	1.50
YSHE-1.125-SS	2.0000	0.88	1.0000	4.88	1.125	2.00	0.03	1 - 14	1.19	1/2	3/8 - 16 UNC	350	2.14
YSHE-1.250-SS	2.2500	0.88	1.0000	5.25	1.250	2.25	0.06	1 - 14	1.31	1/2	3/8 - 16 UNC	350	2.36
YSHE-1.750-SS	3.5000	1.25	1.5000	7.00	1.750	2.81	0.06	1 1/2 - 12	1.88	1/2	1/2 - 13 UNC	1500	7.87
YSHE-2.250-SS	3.5000	1.25	2.0000	7.75	2.250	3.31	0.06	2 - 12	2.13	5/8	1/2 - 13 UNC	1500	12.32
YSHE-2.750-SS	4.2500	1.38	2.5000	9.00	2.750	3.81	0.06	2 1/2 - 12	2.63	5/8	1/2 - 13 UNC	1500	21.88

YSH includes jam nut and lock washer fasteners





YSHE-SS-R HEAVY DUTY YOKE SHAFT

Threaded & Endcap Style
Eccentric Shaft - Regreasable

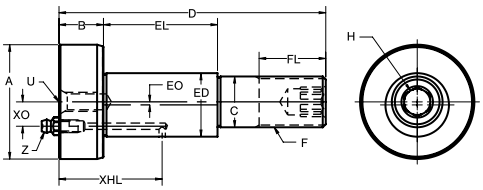
∞ *Infinity Roller™ Technology*

Solutions Through Innovation

YOKE SHAFT ∞ | PART NUMBER	A	B	C	D	ED	EL	EO	F	FL	H	U	XHL	XO	Z	Max. Clamping Torque (in-lbf)*	Approx. Weight (lbs)
	HEAD		SHAFT		ECCENTRIC			THREAD								
	Dia. +.0005 -.0010	Width	Dia. +.0000 -.0005	Len.	Dia. +.000 -.001	Len.	Offset	Dia. +.0000 -.0005	Len.	Hex Size	Internal Thread	Crosshold Location	Grease Fitting Offset	Lube Size		
YSHE-.312-SS-R	0.6250	0.25	0.2500	1.56	0.313	0.59	0.01	1/4 - 28	0.38	1/8	10 - 32 UNF	0.61	-	10 - 32 UNF	15	0.06
YSHE-.375-SS-R	0.6250	0.31	0.3125	1.81	0.375	0.59	0.01	5/16 - 24	0.38	5/32	10 - 32 UNF	0.73	-	10 - 32 UNF	15	0.09
YSHE-.437-SS-R	0.7500	0.38	0.3125	2.06	0.437	0.84	0.03	5/16 - 24	0.38	5/32	1/4 - 28 UNF	0.84	-	1/4 - 28 UNF	15	0.12
YSHE-.500-SS-R	0.8750	0.44	0.3750	2.38	0.500	0.97	0.03	3/8 - 24	0.56	5/32	1/4 - 28 UNF	0.97	-	1/4 - 28 UNF	30	0.18
YSHE-.625-SS-R	1.1250	0.50	0.5000	3.00	0.625	1.19	0.03	1/2 - 20	0.56	1/4	1/4 - 28 UNF	1.10	-	1/4 - 28 UNF	30	0.38
YSHE-.750-SS-R	1.2500	0.63	0.6250	3.69	0.750	1.50	0.03	5/8 - 18	1.00	5/16	1/4 - 28 UNF	1.40	-	1/4 - 28 UNF	120	0.79
YSHE-1.000-SS-R	1.7500	0.75	0.8750	4.31	1.000	1.75	0.03	7/8 - 14	1.13	5/16	1/4 - 28 UNF	1.66	-	1/4 - 28 UNF	120	1.51
YSHE-1.125-SS-R	2.0000	0.88	1.0000	4.88	1.125	2.00	0.03	1 - 14	1.19	1/2	3/8 - 16 UNC	1.91	0.42	1/4 - 28 UNF	350	2.14
YSHE-1.250-SS-R	2.2500	0.88	1.0000	5.25	1.250	2.25	0.06	1 - 14	1.31	1/2	3/8 - 16 UNC	2.03	0.48	1/4 - 28 UNF	350	2.58
YSHE-1.750-SS-R	3.5000	1.25	1.5000	7.00	1.750	2.81	0.06	1 1/2 - 12	1.88	1/2	1/2 - 13 UNC	2.69	0.69	1/8 - 27 NPT	1500	7.86
YSHE-2.250-SS-R	3.5000	1.25	2.0000	7.75	2.250	3.31	0.06	2 - 12	2.13	5/8	1/2 - 13 UNC	2.94	0.94	1/8 - 27 NPT	1500	12.31
YSHE-2.750-SS-R	4.2500	1.38	2.5000	9.00	2.750	3.81	0.06	2 1/2 - 12	2.63	5/8	1/2 - 13 UNC	3.31	1.06	1/8 - 27 NPT	1500	21.81



YSH includes jam nut and lock washer fasteners



PCT®
Solutions Through Innovation

YOUR TRUSTED ADVISOR

Can't Find What You Need?

We're here to help!



SOLUTIONS THROUGH INNOVATION
for more than **40 YEARS!**





www.pcimfg.com
(989) 358-7070

ROLLING ELEMENT BEARING CAPACITY

CAPACITY AND LOADING LIMITS

The load ratings listed in this document are to be used for reference purposes only and are best suited for allowing comparison across product families. Bearing Life expectancy (L_{10} life) is defined as the number of hours at a constant speed (or number revolutions) that 90% of a given test group of identical bearings should survive under controlled, laboratory-like conditions. The Basic Dynamic Rating (BDR) is a calculation of how much dynamic load a given bearing size can handle based on the L_{10} life equation. Loading conditions should not exceed the lower of listed stud capacity, calculated track capacity, or more than 50% of the dynamic capacity.

BASIC DYNAMIC LOAD RATING (BDR)

Loads are to be considered dynamic when the Assembly is rotating at speeds greater than 10 RPM or are in motion for a significant period of time. PCI basic dynamic rating capacities are based on an L_{10} life of 500 hours at a rotation speed of 33 1/3 RPM.

BASIC STATIC LOAD RATING

Loads are to be considered static when the Assembly is rotating at speeds less than 10 RPM, subjected to very slow oscillating movements, or are stationary during a significant period of time. Loads above the Basic Static Rating cause permanent deformation of the rolling elements in excess of .0001" of the rolling element diameter.

BASIC RADIAL DYNAMIC LOAD RATING

The Basic Radial Dynamic Load Ratings listed as "C" values are in reference to load applied 90° to the bearing bore or axis of rotation only. If load is to be applied in any other manner, this value may not be directly applicable.

BASIC RADIAL STATIC LOAD RATING

The Basic Radial Static Load Ratings listed as "C_0" values are in reference to load applied 90° to the bearing bore or axis of rotation only. If load is to be applied in any other manner, this value may not be directly applicable.

AXIAL/THRUST DYNAMIC LOAD RATING

The Axial/Thrust Dynamic Load Ratings listed are in reference to pure axial load only which is load applied directly parallel with the bearing bore or axis of rotation.

Bearing Life expectancy (L_{10} life) calculated in hours:

$$L_{10} = \frac{16{,}667}{N} \left(\frac{BDR}{P}\right)^{A}$$

Finding Basic Dynamic Rating (BDR) from the Bearing Life expectancy (L_{10} life) formula:

$$BDR = P \cdot \left(\frac{L_{10} \cdot N}{16{,}667}\right)^{1/A}$$

Where:

BDR = Basic Dynamic Load Rating
P = Applied Load
L_{10} = Desired Life (hours)
N = Speed (RPM)
A = Exponent (3 for ball bearings or 10/3 for roller bearings)

AXIAL/THRUST STATIC LOAD RATING

The Axial/Thrust Static Load Ratings listed are in reference to pure axial load only which is load applied directly parallel with the bearing bore or axis of rotation.

TRACK CAPACITY

Track capacity can be calculated through use of Empirical Hertzian contract stress formulas. These formulas account for the contact conditions between the track and the roller to calculate the maximum contact stresses. To maximize track life, the maximum Hertzian contact stress must not exceed the ultimate tensile strength of the track. When calculating track capacity, the profiles of the roller and track/rail greatly affect the calculation. Be sure you are using the correct formula for the correct profile condition. Contact PCI Customer Service for assistance in calculating capacities for profile conditions not shown below.

To determine the appropriate track and/or roller for a particular application, use the following steps:

1. Select the appropriate Hertzian formula based on the profile of the Roller Assembly.
2. Enter the variables into the appropriate formula and calculate the maximum contact stress.
3. Use the approximate ultimate tensile strength tables to determine the tensile strength of the track.
4. Compare the maximum calculated contact stress to the tensile strength of the track.
5. If the maximum contact stress is greater than the track tensile strength, a harder track or larger diameter roller should be selected and reanalyzed.

COMPARING CALCULATED STRESS AND TRACK STRENGTH

Using Tables 1 and 2 below, compare the calculated contact stress to the strength of the track material and condition. The maximum contact stress value should not exceed the track ultimate tensile strength value. If the contact stress exceeds the ultimate tensile strength, a harder track material or a load bearing roller assembly with a larger and/or wider roller body should be selected.

Stainless Steel Alloy (Condition)	Hardness	Approx. Ult. Tensile Strength (psi)
316 (Annealed)	HRb 80	85,000
440c (Annealed)	HRb 96	110,000
440c (Hardened & Tempered)	HRc 57	285,000

Table 1: Approximate Ultimate Tensile Strength of Stainless-Steel Materials

Alloy Steel HRc	Approx. Ult. Tensile Stength (psi)
20	110,000
25	122,000
30	138,000
35	157,000
40	182,000
45	215,000
50	252,000
55	298,000

Table 2: Approximate Ultimate Tensile Strength of Standard Steel Materials

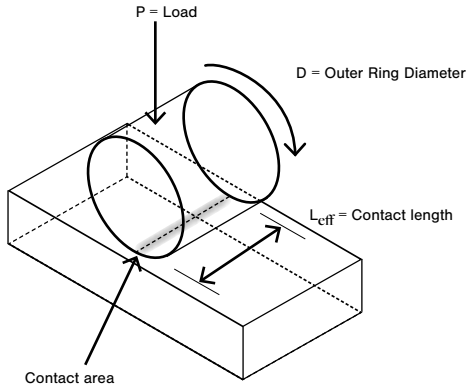
PLAIN/CYLINDRICAL ROLLER ASSEMBLY

The maximum contact stress between the tread surface of a steel or stainless-steel roller body with a plain/ cylindrical profile and flat track can be approximated using this simplified Hertzian Contact Stress equation.

$$\sigma_{Cmax} = 3{,}237 \chi \sqrt{\frac{P}{L_{eff} \chi D}}$$

Where:

σ_{Cmax} = Max. Contact Stress (psi)
P = Radial Load (lbf)
L_{eff} = Outer Ring Contact Length (in)
D = Outer Ring Diameter (in)



TRACK CAPACITY (continued)

CROWNED / SPHERICAL ROLLER BODY

The maximum contact stress between the tread surface of a steel or stainless-steel roller body with crowned/ spherical profile and flat track can be approximated using a simplified Hertzian Contact Stress equation.

$$\sigma_{Cmax} = \frac{0.4775 \cdot P}{a \cdot \beta (\sqrt[3]{P \times K_D} \times (6.106 \times 10^{-8}))^2}$$

Where:

σ_{Cmax} = Max. Contact Stress (psi)
P = Radial Load (lbf)

$$K_D = \frac{1.5}{\left(\frac{1}{R_1}\right) \left(\frac{1}{R_2}\right)}$$

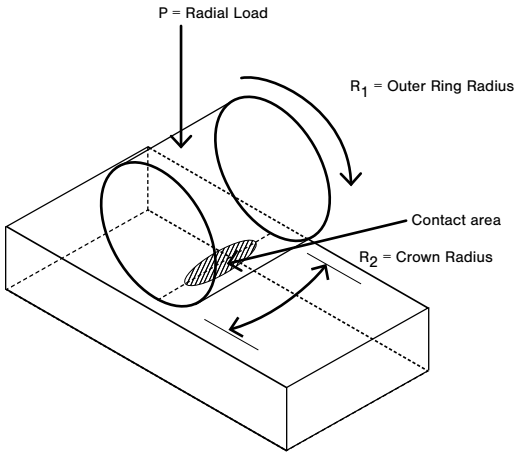
R_1 = Outer Ring Radius (in)
R_2 = Crown Radius (in)

For $a \cdot \beta$:

Use the Contact Stress Variable Table (1) for the corresponding values to solve the equation.

$$\text{Cos } \varnothing = \left(\frac{1}{\left(\frac{1}{R_1}\right) \left(\frac{1}{R_2}\right)} \right) \left| \left(\frac{1}{R_1} \quad \frac{1}{R_2}\right) \right|$$

Use the table to the to find the value for $a \cdot \beta$ ($a \cdot \beta$), using the calculated Cos $\varnothing$.



Cos Ø	a	β	$a \cdot \beta$
0.00	1.000	1.000	1.000
0.10	1.070	0.936	1.00152
0.20	1.150	0.878	1.0097
0.30	1.242	0.822	1.02092
0.40	1.351	0.769	1.03892
0.50	1.486	0.717	1.06546
0.60	1.661	0.644	1.06968
0.70	1.905	0.608	1.15824
0.75	2.072	0.578	1.19762
0.80	2.292	0.544	1.24685
0.85	2.600	0.507	1.31820
0.90	3.093	0.461	1.42587
0.92	3.396	0.438	1.48745
0.94	3.824	0.412	1.57549
0.96	4.508	0.378	1.70402
0.98	5.937	0.328	1.94734
0.99	7.774	0.287	2.23114

Table 1: Contact Stress Variables

LOAD BEARING ROLLER ASSEMBLIES
Engineering Data
Capacity Calculations And Limitations

STUD AND SHAFT CAPACITY

STUD ASSEMBLIES
When selecting a roller based on capacity, the limitation of the stud needs to be considered. PCI published stud capacity is determined by analyzing the bending and shear stresses, based on a loading point in the tread area, with a 1.33 safety factor.

YOKE ASSEMBLIES
Yoke rollers rely on a yoke shaft to carry the load applied to the roller. Depending on the mounting style, the size of the yoke shaft is determined by the bending and shear stress of the shaft. Refer to the mounting styles below to estimate the required shaft size. If the bending or shear stress is greater than the yield strength of the chosen material, a stronger material or larger diameter shaft should be selected and reanalyzed.

THROUGH-HOLE YOKE MOUNT
Through-hole mounting is considered a cantilevered loading condition. Use the equation below for cantilevered loading situations to calculate the required yield strength of the yoke shaft.

$$\sigma_{max} = \frac{P \cdot d \cdot r \cdot S_f}{I}$$

Where:

σ_{max} = Max Bending Stress (Yield Strength of Shaft Material)
P = Applied Load
d = Distance from Mounting Rail to Applied Load Point
r = Radius of Shaft
S_f = Factor of Safety
I = Moment of Inertia of Shaft

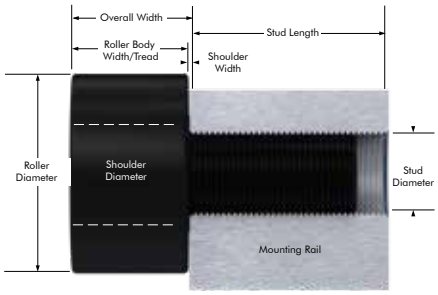
CAPTURED YOKE MOUNT
Captured yoke mounting is considered a double shear loading condition. Use the equation below for double shear loading situations to calculate the required yield strength of the yoke shaft.

$$\sigma_{max} = \frac{16 \cdot P \cdot S_f}{6 \cdot \pi \cdot D^2}$$

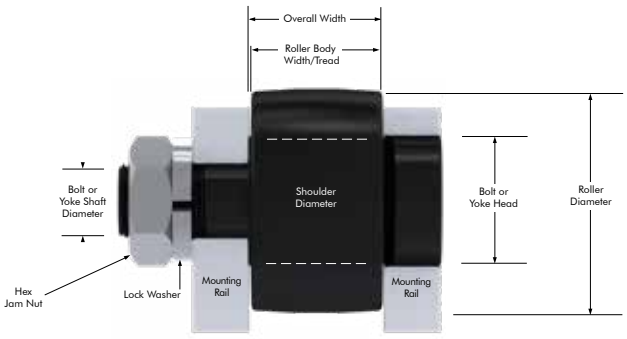
Where:

σ_{max} = Max Shear Stress (Yield Strength of Shaft Material)
P = Applied Load
S_f = Factor of Safety
D = Diameter of Shaft

Blind Mount - Stud Type



Captured Mount – Yoke Type



LOAD BEARING ROLLER ASSEMBLIES

Engineering Data

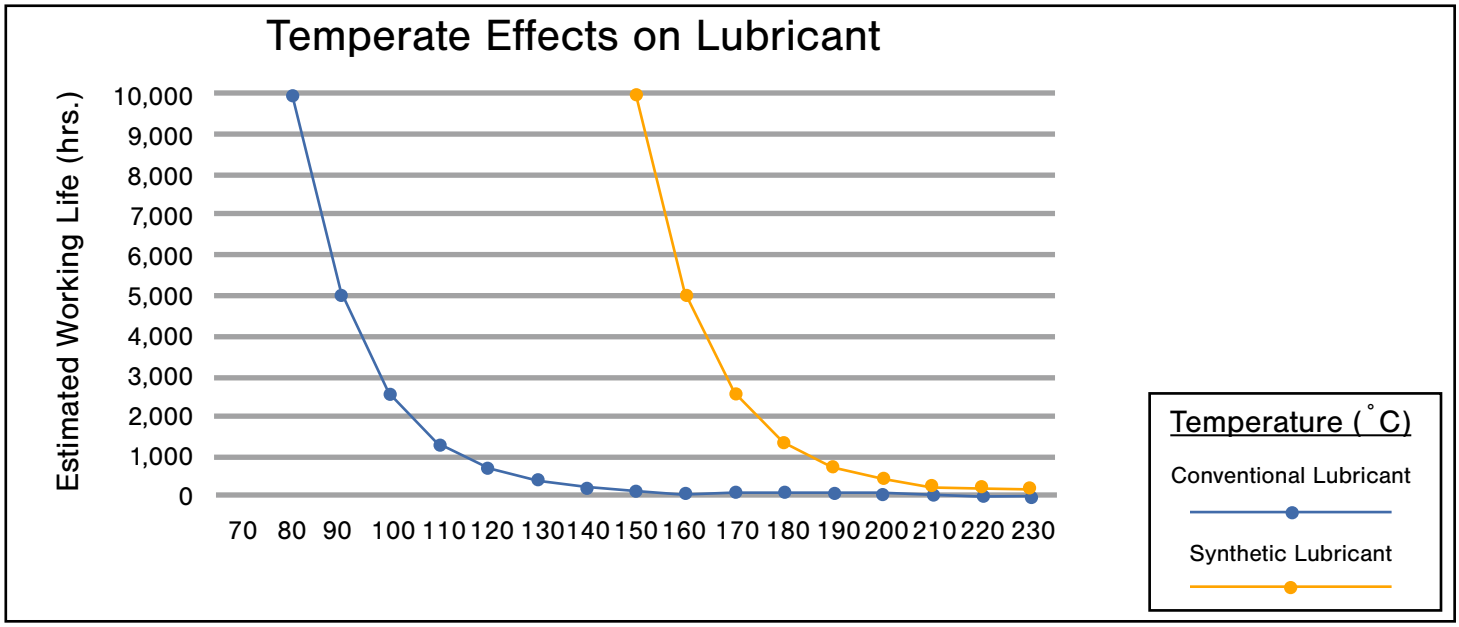
Capacity Calculations And Limitations

TEMPERATURE LIMITATIONS

Temperature ratings for PCI Load Bearing Roller Assemblies vary based on type of bearing and seal as well as their materials of construction. Lubrication is critical for effective bearing performance and temperature has the biggest impact on its working life. When temperatures are low, the viscosity of the lubricant increases significantly, making it difficult to move. At high temperatures the oxidization rate increases, lubricants break down quickly separating oils and stabilizers (leading to oil evaporation). Following the Arrhenius Rule, we can estimate the working life of the lubricant (see graphic). Arrhenius Rule states that for every 10°C (18°F) increment, beyond its rated high temperature, the lubricant life is halved due to accelerated oxidation.

Estimated Temperature Limits		
Product Series (Bearing Type)	Minimum	Maximum
Cam Follower (Needle)	0°F (-17°C)	200°F (93°C)
DCB (Double Row Cylindrical)	-30°F (-34°C)	225°F (107°C)
Track Roller & XR Roller	-30°F (-34°C)	225°F (107°C)
Track Roller & XR Roller - HT (DGBB)	0°F (-17°C)	350°F (176°C)
Track Roller & XR Roller - XHT (DGBB/TRB)	350°F (176°C)	660°F (348°C)
Track Roller & XR Roller - SS/SSP (DGBB)	0°F (-17°C)	350°F (176°C)
Track Roller & XR Roller - SS/SSP (TRB)	0°F (-17°C)	225°F (107°C)
Track Roller & XR Roller - Non-Metallic (DGBB)	-30°F (-34°C)	180°F (82°C)
Track Roller & XR Roller - Non-Metallic SS (DGBB)	0°F (-17°C)	180°F (82°C)

Contact PCI Customer Service for additional information.



Conventional Lubricant

- Based on Mineral Oil/Soaps
- Inconsistent Molecule Size
- Low Oxidization Stability
- Inconsistent Viscosity
- Average Temperature: -20°C to 100°C
- Cannot handle heavy loads

Synthetic Lubricant

- Specialized Thickeners
- Very Consistent Molecule Size
- High Oxidization Stability
- Stable Viscosity
- Average Temperature: -40°C to 170°C
- Contains Extreme Pressure Additives

APPLICATIONS CONSIDERATIONS

The proper selection and application of PCI Load Bearing Roller Assemblies is the responsibility of the system designer. Our engineering team is available to offer assistance or advice for any situation and use of the roller. Any technical advice or review furnished by PCI, with respect to the use of products is given in good faith and without charge and PCI assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk. Operation and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can affect the application and operating results of the products and components and the customer should carefully review its requirements. PCI Load Bearing Rollers Assemblies and related components are not recommended for use in any nuclear related environments or applications. PCI Standard Terms and Conditions of Sale can be found on our website www.pcimfg.com or can be requested by contacting our PCI Customer Service department at (989) 358-6148.

INSTALLING LOAD BEARING ROLLER ASSEMBLIES

PRE-LOADING CONDITION

PCI rollers are designed to prevent the application of pre-load to the assembly when properly installed. Pre-loading occurs when a load is applied to bearings during installation. This pre-load can be either radial, axial, or a combination of both. Over-torquing the jam nut can result in axial preloading of the bearing, and/or lead to stud deformation or breakage. Additionally, eccentric studs or yoke shafts, when adjusting alignment, can cause a radial pre-loaded condition. Bearings subjected to pre-loading become difficult to rotate and have a shorter working life. It's advisable to avoid pre-loading whenever possible, and the resulting pre-load should never exceed 10% of the bearing's dynamic capacity.

TORQUE

When mounting rollers, do not exceed the maximum torque capacity or damage may occur. Maximum torque capacities are listed on item specification pages for units with dry threads. Decrease the listed torque by half if threads are lubricated.

STUD MOUNTING

Through-hole mounting holes should be machined to the nominal stud size with a +.001"/-.000" (+.025mm / -.000mm) tolerance. When properly aligned, the stud of the roller should slip into the mounting rail. Do not force the stud into the mounting hole or damage may occur. Be sure that the mounting rail surface is as large as the Shoulder Diameter (SD) of the roller and is of sufficient thickness to support the applied loads as well as provide positive clamping force once installed. Blind mounting is used when traditional through-hole mounting is not available. Fully threaded studs/mounting holes are recommended. The face of the Shoulder Length (SL) should rest flush against the mounting rail.

YOKE MOUNTING

In applications where the roller is being mounted between two mounting rails, the rails should be spaced 1/32" or 0.031" wider than the stated inner race width (T) of the roller. The mounting rail should be at least as large in diameter as the Shoulder Diameter (SD) and of sufficient thickness to support the applied loads. In instances where a yoke roller is mounted on a shaft built into a carriage frame or trolley assembly, the inner race needs to be retained by positive clamping force. The use of retaining rings or keeper clips is not recommend, as they do not supply enough clamping force to immobilize the inner race. The inner race of yoke rollers must be immobilized and not allowed to rotate on the shaft. The bore of a yoke roller is designed to have a close slip fit on the shaft they are mounted on. Forcing the roller on the shaft or failure to immobilize the inner race may result in undesirable performance and/or failure of the unit.

ADJUSTING ECCENTRIC ASSEMBLIES

Eccentric rollers are used when there is a need to make height adjustments between the roller and the track. To adjust the height or offset, simply rotate the stud while the Eccentric Diameter (ED) is installed in the mounting rail. This allows for easier refits and realignments.

When adjusting the roller, adjustments that result in a pre-loading condition on the bearing should be avoided if possible. If your application requires the bearing to be pre-loaded upon adjustment, please call PCI Customer Service for assistance to avoid premature failure.

CHANNEL & I-BEAM

PCI Channel & I-Beam rollers have a profile designed to fit inside of C-Channel and I-Beam structural steel members. These rollers use the webbing of the structural member as their track. PCI's 9.5° taper design fits in C-Channel & I-Beam members manufactured to AISI standards. When sizing the roller to the size of channel, a good rule of thumb is the nominal size of roller is meant to fit inside that same nominal size of channel or beam. It is important to note that not all webbing from channel and beam manufacturers is the same. It is best to make sure the roller profile fits the channel during the design process to ensure proper fit.

INSTALLING LOAD BEARING ROLLER ASSEMBLIES

TRACK ROLLER ALIGNMENT – FLANGE, DOUBLE FLANGE, U-GROOVE, AND V-GROOVE PROFILES

Flange (single or double), U-Groove, or V-Groove Yoke style rollers are used for precision alignment and guidance. For alignment purposes, they are engineered and assembled with a "Locational" side and a "Non-Locational" side. To identify the locational side, examine the inner race. The side with the solid shoulder is the locational side. The side with a discontinuity, or two-piece construction (a clamp ring), is the nonlocational side.

Align locational sides of multiple rollers with respect to a common reference (mounting surface, rail, etc.) to minimize tolerance stack-up and ensure feature alignment.

Note: PCI plain or crowned roller profiles can utilize either side of the roller to serve as the locational side due to their symmetrical construction.

LOCATIONAL SIDE



NON-LOCATIONAL SIDE



CORRECT MOUNTING ALIGNMENT





INCORRECT MOUNTING ALIGNMENT





INSTALLING STUD TYPE LOAD BEARING ROLLER ASSEMBLIES

Be sure that the mounting rail surface is as large as the Shoulder Diameter (SD) of the roller and is of sufficient thickness to support the applied loads as well as provide positive clamping force once installed. The mounting hole should be machined to the nominal size of the stud within +.001"/-.000" (+.025mm/-.000mm) tolerance. Do not force the stud into the mounting hole or damage may occur. When installing the jam nut, do not go beyond the maximum torque capacities listed on the item specification pages. The published maximum torque capacities are for dry threads. If the threads are lubricated, than decrease the value by half. A general torque capacities chart is provided below if the exact roller or shaft specification page cannot be located.

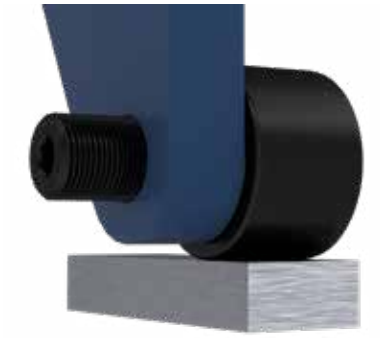
BLIND MOUNTING IS NOT RECOMMENDED

When replacing stud type rollers that were previously blind mounted, consideration should be given to redesigning the mounting bracket to a through mount style. If blind mounting cannot be avoided, the use of a fully threaded stud is highly recommended to ensure flush seating of the Shoulder Diameter (SD) to the mounting rail. For more information on blind mounting, contact PCI Customer Service.

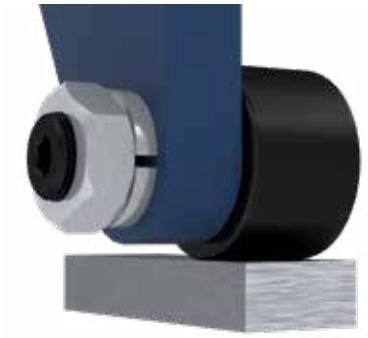
**Generalized Torque Requirements Chart*

STUD/SHAFT DIAMETER	DRY THREADS	LUBRICATED THREADS
UNDER 5/8" (16mm)	180 in-l+bf (20 Nm)	96 in-lbf (10 Nm)
5/8" (16mm) to 1" (25mm)	600 in-lbf (68 Nm)	300 in-lbf (34 Nm)
OVER 1" (25mm)	1200 in-lbf (136 Nm)	600 in-lbf (68 Nm)

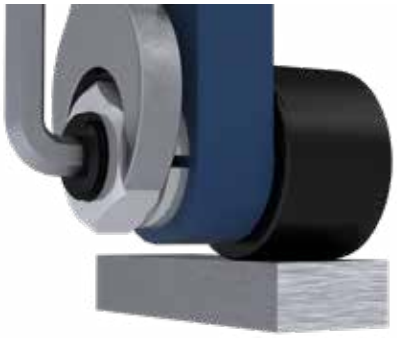
STEP 1
MOUNT



STEP 2
FASTEN

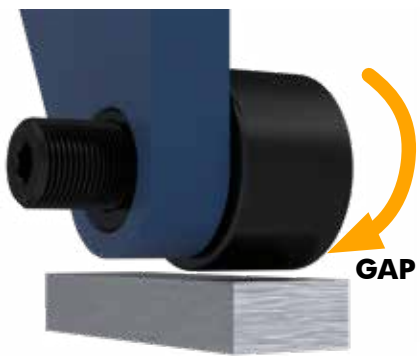


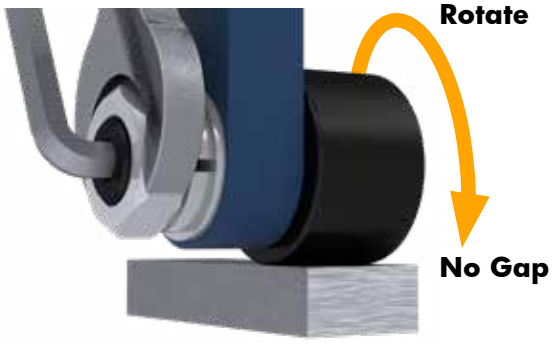
STEP 3
TIGHTEN*



OPTIONAL
Eccentric adjustability:

For applications requiring precision alignment within either the mounting hole, or the mating roller contact surface, use a hex wrench to rotate the eccentric stud to the desired height prior to tightening the fasteners.





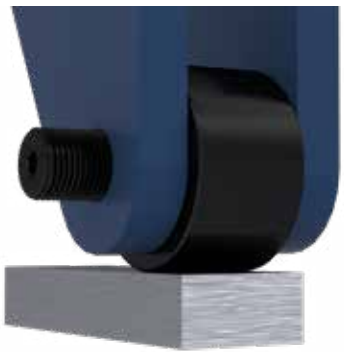
INSTALLING YOKE TYPE LOAD BEARING ROLLER ASSEMBLIES

Be sure that the mounting rail surface is as large as the Shoulder Diameter (SD) of the roller and is of sufficient thickness to support the applied loads as well as provide positive clamping force once installed. If you are using a PCI manufactured Yoke Shaft, the mounting hole should be machined to the nominal size of the yoke shaft within +.001"/-.000" (+.025mm/-.000mm) tolerance. Customer manufactured or non-PCI manufactured yoke shafts need to be machined to the nominal bore diameter of the roller assembly within +.000"/-.001" (+.000mm/-.025mm) tolerance. The inner race of PCI yoke rollers needs to be immobilized and not allowed to rotate on the yoke shaft. The use of retaining rings or keeper clips is not recommend, as they do not supply enough clamping force to immobilize the inner race. Forcing the roller on the shaft or failure to immobilize the inner race may result in undesirable performance and/or failure of the unit. When installing the jam nut, do not go beyond the maximum torque capacities listed on the item specification pages. The published maximum torque capacities are for dry threads. If the threads are lubricated, than decrease the value by half. A general torque capacities chart is provided below if the exact roller or shaft specification page cannot be located.

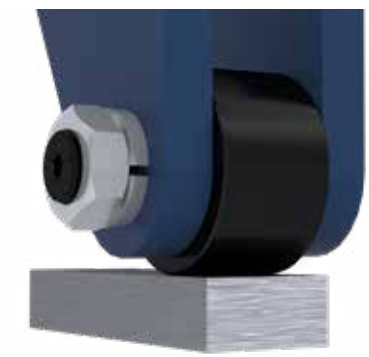
**Generalized Torque Requirements Chart*

STUD/SHAFT DIAMETER	DRY THREADS	LUBRICATED THREADS
UNDER 5/8" (16mm)	180 in-l bf (20 Nm)	96 in-lbf (10 Nm)
5/8" (16mm) to 1" (25mm)	600 in-lbf (68 Nm)	300 in-lbf (34 Nm)
OVER 1" (25mm)	1200 in-lbf (136 Nm)	600 in-lbf (68 Nm)

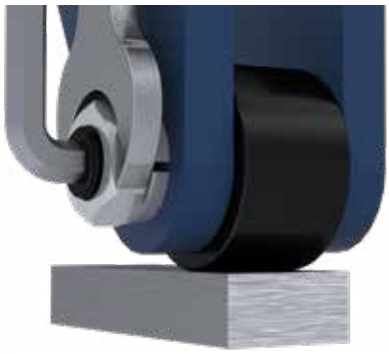
STEP 1
MOUNT



STEP 2
FASTEN

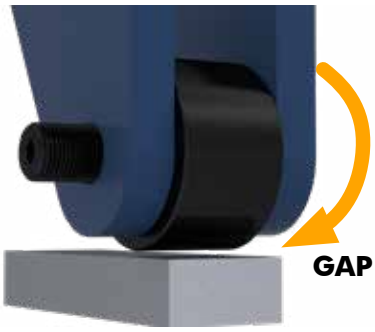


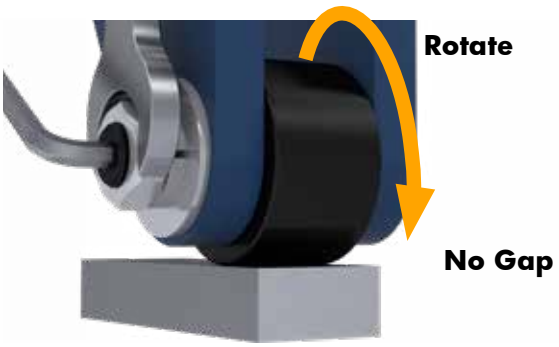
STEP 3
TIGHTEN*



OPTIONAL
Eccentric adjustability:

For applications requiring precision alignment within either the mounting hole, or the mating roller contact surface, use a hex wrench to rotate the eccentric stud to the desired height prior to tightening the fasteners.





PCT®
Solutions Through Innovation

SPECIALS & CUSTOM DESIGNS





Can't Find What You Need? We're here to help!

Contact us at
www.pcimfg.com | (989) 358-7070
to discover solutions tailored to
your unique applications.



