LOAD BEARING ROLLER ASSEMBLIES
EXTREME DUTY SOLUTIONS

Non-Metallic Track Rollers & XR Rollers

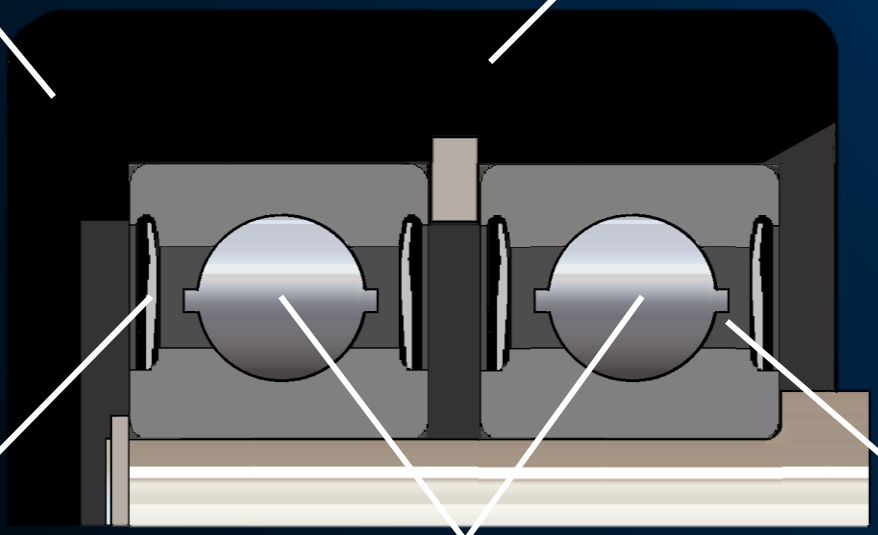
Non-Sparking, Quiet Performance

ONE PIECE SOLID END CAP DESIGN*

Solid protection of the bearing elements from external contaminants.

NON-METALLIC ROLLER BODY

- Minimizes Rolling Noise
- Reduces Track Wear
- Eliminates Need for Track Lubrication
- Reduces Rolling Resistance
- FDA Compliant Material
- Reduces Likelihood of Metal-on-Metal Sparking



RUBBER LIP SEALS

Maximizes protection of the bearing elements from external contamination.

PRECISION DEEP GROOVE BALL BEARINGS

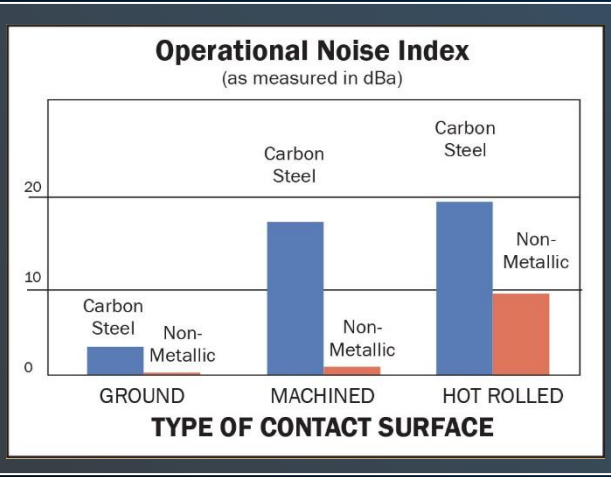
Dependable performance under high speeds and combination loads.

SYNTHETIC LUBRICANT

High performance grease resistant to break down to minimize downtime.

HOW QUIET ARE PCI NON-METALLIC TRACK ROLLERS?

PCI's Non-Metallic roller body design absorbs vibration and reduces the likelihood of metal on metal sparking to provide reliable Non-Sparking, Quiet Performance. 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.



Features dependent on size and style of unit. See specifications for details.

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NPTR Series Track Roller Assembly

Plain/Cylindrical – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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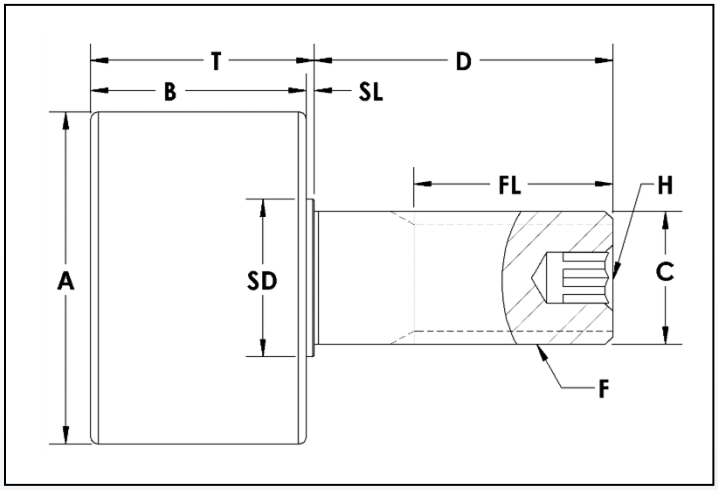

Stud Type Track Roller Part Number	A Roller Dia. +.000 -.001	B Roller Width	C Stud Dia. +.000 -.001	D Stud Length	F Thread Size	FL Thread Length	H Hex Size	SD Shoulder Dia.	SL Shoulder Length	T Roller Width + Shoulder Length
NPTR-1.00	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	0.5	0.03	0.78
NPTR-1.125	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 Series Track Roller Assembly

Plain/Cylindrical – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

989.358.6148
www.pcimfg.com

ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "PTR-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "PTR-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NPTR-1.00	956	480	331	60	530	113	34	470	180	Rubber Lip	DGBB	0.11
NPTR-1.125	956	480	331	60	530	127	38	470	180	Rubber Lip	DGBB	0.12
NPTR-1.25	1,231	640	430	80	930	152	46	470	180	Rubber Lip	DGBB	0.20
NPTR-1.375	1,231	640	430	80	930	167	50	470	180	Rubber Lip	DGBB	0.21
NPTR-1.50	2,651	1,394	1,101	348	1,670	254	76	550	350	Rubber Lip	DGBB	0.42
NPTR-1.75	2,651	1,394	1,101	348	1,670	297	89	550	650	Rubber Lip	DGBB	0.55
NPTR-2.00	3,624	2,136	1,563	534	3,480	396	119	900	650	Rubber Lip	DGBB	1.00
NPTR-2.25	3,624	2,136	1,563	534	4,660	550	165	900	650	Rubber Lip	DGBB	1.07
NPTR-2.50	5,390	3,507	2,407	877	6,540	424	127	1,340	650	Rubber Lip	DGBB	1.69
NPTR-2.75	5,390	3,507	2,407	877	8,470	672	202	1,340	650	Rubber Lip	DGBB	1.78
NPTR-3.00A	7,393	5,036	3,358	1,259	13,980	873	262	1,950	1,500	Rubber Lip	DGBB	2.83
NPTR-3.25A	7,393	5,036	3,358	1,259	13,980	946	284	1,950	1,500	Rubber Lip	DGBB	2.95
NPTR-3.50A	7,393	5,036	3,358	1,259	13,980	1,019	306	1,950	1,500	Rubber Lip	DGBB	3.17
NPTR-4.00A	7,393	5,036	3,358	1,259	13,980	1,164	349	1,950	1,500	Rubber Lip	DGBB	3.44

NPXR Series Roller Assembly

Plain/Cylindrical – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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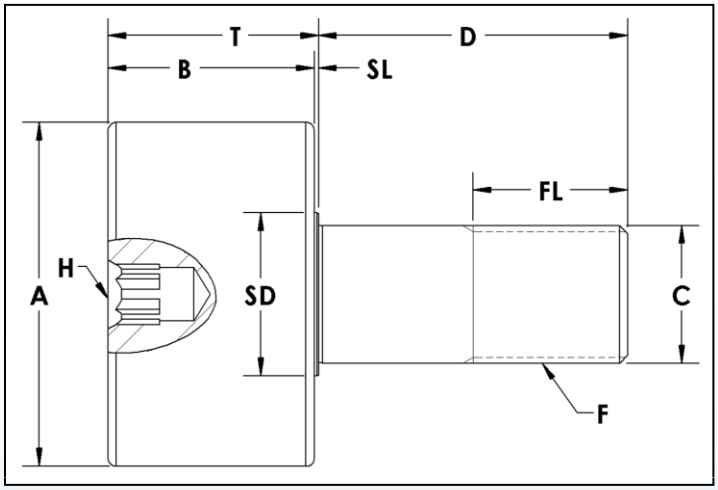

Stud Type Track Roller Part Number	A Roller Dia. +.000 -.001	B Roller Width	C Stud Dia. +.000 -.001	D Stud Length	F Thread Size	FL Thread Length	H Hex Size	SD Shoulder Dia.	SL Shoulder Length	T Roller Width + Shoulder Length
NPXR-1.50	1.500	0.88	0.625	1.50	5/8 - 18	0.75	5/16	0.8	0.03	0.91
NPXR-1.75	1.750	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 Series Roller Assembly

Plain/Cylindrical – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "PXR-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "PXR-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NPXR-1.50	1,683	1,147	764	287	3,840	198	59	910	350	Rubber Lip	DGBB	0.31
NPXR-1.75	1,683	1,147	764	287	5,810	263	79	910	650	Rubber Lip	DGBB	0.46
NPXR-2.00	3,624	2,248	1,591	562	5,390	282	85	1,340	650	Rubber Lip	DGBB	0.94
NPXR-2.25	3,624	2,248	1,591	562	7,080	422	127	1,340	650	Rubber Lip	DGBB	0.99
NPXR-2.50	5,390	3,507	2,407	877	7,050	375	113	1,340	1,500	Rubber Lip	DGBB	0.99
NPXR-2.75	5,390	3,507	2,407	877	9,360	619	186	1,340	1,500	Rubber Lip	DGBB	1.00
NPXR-3.00A	6,118	4,586	2,884	1,147	15,710	788	236	1,950	2,250	Rubber Lip	DGBB	1.88
NPXR-3.25A	6,118	4,586	2,884	1,147	15,710	853	256	1,950	2,250	Rubber Lip	DGBB	1.75
NPXR-3.50A	6,483	5,216	3,145	1,304	18,340	1,050	315	3,000	4,200	Rubber Lip	DGBB	2.55
NPXR-4.00A	6,483	5,216	3,145	1,304	21,200	1,350	405	3,000	5,000	Rubber Lip	DGBB	4.75

NPTRE Series Track Roller Assembly

Plain/Cylindrical – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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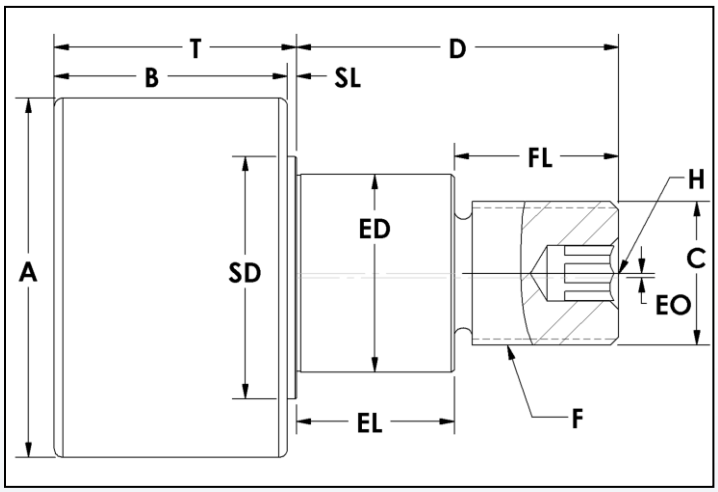

Stud Type Track Roller Part Number	A Roller Dia. +.000 -.001	B Roller Width	C Stud Dia. +.000 -.001	D Stud Length	ED Ecc Dia +.000 -.002	EL Ecc Length	EO Ecc Offset	F Thread Size	FL Thread Length	H Hex Size	SD Shoulder Dia.	SL Shoulder Length	T Roller Width + Shoulder Length
NPTRE-1.00	1.000	0.75	0.437	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 Series Track Roller Assembly

Plain/Cylindrical – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "PTRE-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "PTRE-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NPTRE-1.00	956	480	331	60	530	113	34	470	180	Rubber Lip	DGBB	0.14
NPTRE-1.125	956	480	331	60	530	127	38	470	180	Rubber Lip	DGBB	0.14
NPTRE-1.25	1,231	640	430	80	930	152	46	470	180	Rubber Lip	DGBB	0.22
NPTRE-1.375	1,231	640	430	80	930	167	50	470	180	Rubber Lip	DGBB	0.24
NPTRE-1.50	2,651	1,394	1,101	348	1,670	254	76	550	350	Rubber Lip	DGBB	0.49
NPTRE-1.75	2,651	1,394	1,101	348	1,670	297	89	550	650	Rubber Lip	DGBB	0.65
NPTRE-2.00	3,624	2,136	1,563	534	3,480	396	119	900	650	Rubber Lip	DGBB	1.21
NPTRE-2.25	3,624	2,136	1,563	534	4,660	550	165	900	650	Rubber Lip	DGBB	1.28
NPTRE-2.50	5,390	3,507	2,407	877	6,540	424	127	1,340	650	Rubber Lip	DGBB	1.96
NPTRE-2.75	5,390	3,507	2,407	877	8,470	672	202	1,340	650	Rubber Lip	DGBB	2.04
NPTRE-3.00A	7,393	5,036	3,358	1,259	13,980	873	262	1,950	1,500	Rubber Lip	DGBB	3.42
NPTRE-3.25A	7,393	5,036	3,358	1,259	13,980	946	284	1,950	1,500	Rubber Lip	DGBB	3.70
NPTRE-3.50A	7,393	5,036	3,358	1,259	13,980	1,019	306	1,950	1,500	Rubber Lip	DGBB	4.00
NPTRE-4.00A	7,393	5,036	3,358	1,259	13,980	1,164	349	1,950	1,500	Rubber Lip	DGBB	4.14

NPXRE Series Roller Assembly

Plain/Cylindrical – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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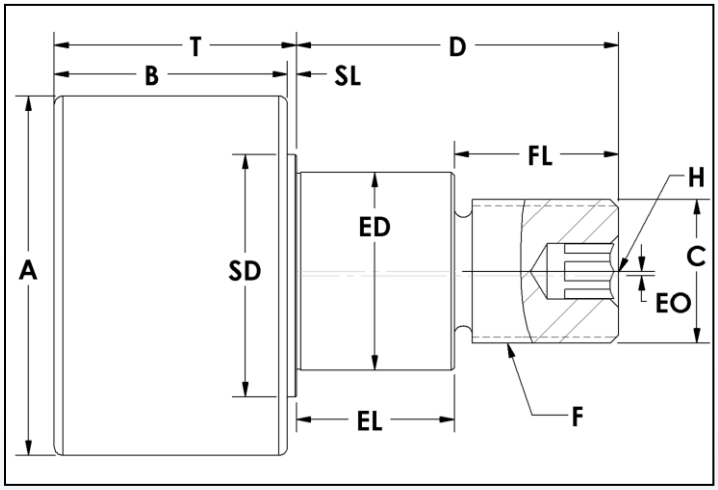

Stud Type Track Roller Part Number	A Roller Dia. +.000 -.001	B Roller Width	C Stud Dia.	D Stud Length	ED Ecc Dia +.000 -.002	EL Ecc Length	EO Ecc Offset	F Thread Size	FL Thread Length	H Hex Size	SD Shoulder Dia.	SL Shoulder Length	T Roller Width + Shoulder Length
NPXRE-1.50	1.500	0.88	0.625	1.50	0.875	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 Series Roller Assembly

Plain/Cylindrical – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "PXRE-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "PXRE-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NPXRE-1.50	1,683	1,147	764	287	3,840	198	59	910	350	Rubber Lip	DGBB	0.39
NPXRE-1.75	1,683	1,147	764	287	5,810	263	79	910	650	Rubber Lip	DGBB	0.55
NPXRE-2.00	3,624	2,248	1,591	562	5,390	282	85	1,340	650	Rubber Lip	DGBB	1.17
NPXRE-2.25	3,624	2,248	1,591	562	7,080	422	127	1,340	650	Rubber Lip	DGBB	1.27
NPXRE-2.50	5,390	3,507	2,407	877	7,050	375	113	1,340	1,500	Rubber Lip	DGBB	1.25
NPXRE-2.75	5,390	3,507	2,407	877	9,360	619	186	1,340	1,500	Rubber Lip	DGBB	1.29
NPXRE-3.00A	6,118	4,586	2,884	1,147	15,710	788	236	1,950	2,250	Rubber Lip	DGBB	2.32
NPXRE-3.25A	6,118	4,586	2,884	1,147	15,710	853	256	1,950	2,250	Rubber Lip	DGBB	1.94
NPXRE-3.50A	6,483	5,216	3,145	1,304	18,340	1,050	315	3,000	4,200	Rubber Lip	DGBB	3.09
NPXRE-4.00A	6,483	5,216	3,145	1,304	21,200	1,350	405	3,000	5,000	Rubber Lip	DGBB	5.61

NPTRY Series Track Roller Assembly

Plain/Cylindrical – Yoke Type

Non-Metallic Roller Body - Ball Bearings

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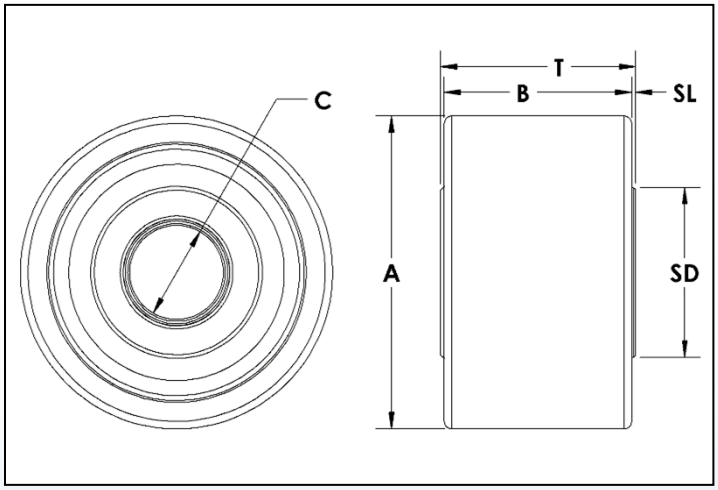

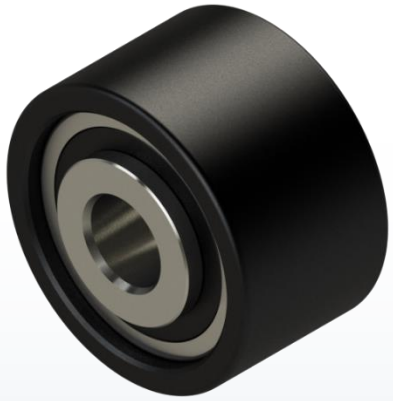

Yoke Type Track Roller Part Numer	A	B	C	SD	SL	T
	Roller Dia. +.000 -.001	Roller Width	Bore Dia. +.0007 -.0000	Shoulder Dia.	Shoulder Length	Inner Race Width +.005 -.010
NPTRY-1.50	1.500	0.880	0.4380	0.9	0.03	0.937
NPTRY-1.75	1.750	1.000	0.5005	0.9	0.03	1.063
NPTRY-2.00	2.000	1.250	0.6255	1.1	0.03	1.313
NPTRY-2.25	2.250	1.250	0.6255	1.1	0.03	1.313
NPTRY-2.50	2.500	1.500	0.7505	1.2	0.03	1.563
NPTRY-2.75	2.750	1.500	0.7505	1.2	0.03	1.563
NPTRY-3.00A	3.000	1.750	1.0005	1.8	0.03	1.813
NPTRY-3.25A	3.250	1.750	1.0005	1.8	0.03	1.813
NPTRY-3.50A	3.500	2.000	1.1255	2.0	0.03	2.063
NPTRY-4.00A	4.000	2.250	1.2505	2.0	0.03	2.313

Optional PCI Yoke Shaft	Optional PCI Eccentric Yoke 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

NPTRY Series Track Roller Assembly

Plain/Cylindrical – Yoke Type

Non-Metallic Roller Body - Ball Bearings

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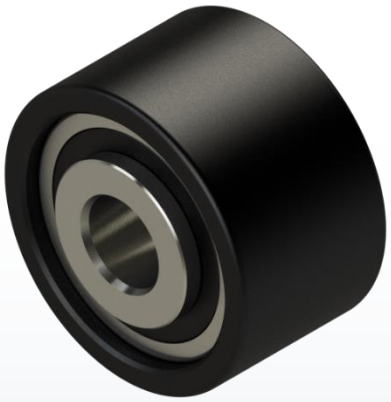

ADDITIONAL NOTES

DGBB: Deep Groove Ball Bearings – Alloy Steel

PCI Heavy Duty Yoke Shafts are available at an additional cost. See YSH page for details.

For stainless steel internals, add a "-SS" to the end of the part number. (See "PTRY-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "PTRY-R" page for specifications)

Specifications subject to change without notice.

Yoke Type Track Roller Part Numer	Basic Radial Dynamic Load Rating (lbs) C	Basic Radial Static Load Rating (lbs) Co	Thrust Dynamic Load Rating (lbs)	Thrust Static Load Rating (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NPTRY-1.50	1,683	1,147	764	287	198	59	Rubber Lip	DGBB	0.18
NPTRY-1.75	1,683	1,147	764	287	263	79	Rubber Lip	DGBB	0.21
NPTRY-2.00	3,624	2,248	1,591	562	282	85	Rubber Lip	DGBB	0.53
NPTRY-2.25	3,624	2,248	1,591	562	422	127	Rubber Lip	DGBB	0.59
NPTRY-2.50	5,390	3,507	2,407	877	375	113	Rubber Lip	DGBB	1.02
NPTRY-2.75	5,390	3,507	2,407	877	619	186	Rubber Lip	DGBB	1.09
NPTRY-3.00A	6,118	4,586	2,884	1,147	788	236	Rubber Lip	DGBB	1.51
NPTRY-3.25A	6,118	4,586	2,884	1,147	853	256	Rubber Lip	DGBB	1.61
NPTRY-3.50A	6,483	5,216	3,145	1,304	1,050	315	Rubber Lip	DGBB	2.15
NPTRY-4.00A	6,483	5,216	3,145	1,304	1,350	405	Rubber Lip	DGBB	2.69

NCTR Series Track Roller Assembly

Crowned/Spherical – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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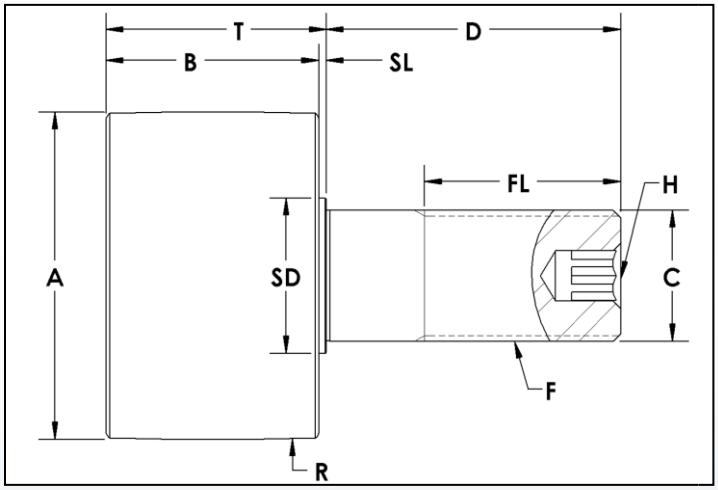

Stud Type Track Roller Part Number	A Roller Dia. +.000 -.001	B Roller Width	C Stud Dia. +.000 -.001	D Stud Length	F Thread Size	FL Thread Length	H Hex Size	R Crown Radius	SD Shoulder Dia.	SL Shoulder Length	T Roller Width + Shoulder Length
NCTR-1.00	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	12	0.5	0.03	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 Series Track Roller Assembly

Crowned/Spherical – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "CTR-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "CTR-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCTR-1.00	956	480	331	60	530	113	34	470	180	Rubber Lip	DGBB	0.11
NCTR-1.125	956	480	331	60	530	127	38	470	180	Rubber Lip	DGBB	0.12
NCTR-1.25	1,231	640	430	80	930	152	46	470	180	Rubber Lip	DGBB	0.20
NCTR-1.375	1,231	640	430	80	930	167	50	470	180	Rubber Lip	DGBB	0.21
NCTR-1.50	2,651	1,394	1,101	348	1,670	254	76	550	350	Rubber Lip	DGBB	0.42
NCTR-1.75	2,651	1,394	1,101	348	1,670	297	89	550	650	Rubber Lip	DGBB	0.55
NCTR-2.00	3,624	2,136	1,563	534	3,480	396	119	900	650	Rubber Lip	DGBB	1.00
NCTR-2.25	3,624	2,136	1,563	534	3,480	446	134	900	650	Rubber Lip	DGBB	1.07
NCTR-2.50	5,390	3,507	2,407	877	6,540	424	127	1,340	650	Rubber Lip	DGBB	1.69
NCTR-2.75	5,390	3,507	2,407	877	6,540	466	140	1,340	650	Rubber Lip	DGBB	1.78
NCTR-3.00A	7,393	5,036	3,358	1,259	13,980	873	262	1,950	1,500	Rubber Lip	DGBB	2.83
NCTR-3.25A	7,393	5,036	3,358	1,259	13,980	946	284	1,950	1,500	Rubber Lip	DGBB	2.95
NCTR-3.50A	7,393	5,036	3,358	1,259	13,980	1,019	306	1,950	1,500	Rubber Lip	DGBB	3.17
NCTR-4.00A	7,393	5,036	3,358	1,259	13,980	1,164	349	1,950	1,500	Rubber Lip	DGBB	3.44

NCXR Series Roller Assembly

Crowned/Spherical – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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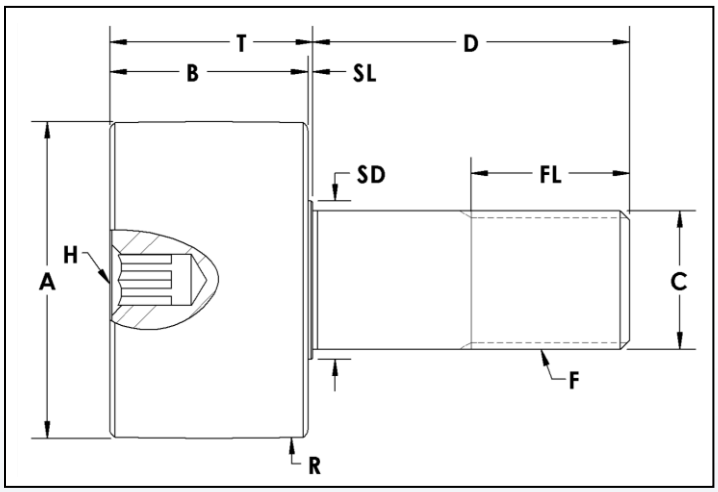

Stud Type Track Roller Part Number	A Roller Dia. +.000 -.001	B Roller Width	C Stud Dia. +.000 -.001	D Stud Length	F Thread Size	FL Thread Length	H Hex Size	R Crown Radius	SD Shoulder Dia.	SL Shoulder Length	T Roller Width + Shoulder Length
NCXR-1.50	1.500	0.88	0.625	1.50	5/8 - 18	0.75	5/16	20	0.8	0.03	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 Series Roller Assembly

Crowned/Spherical – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "CXR-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "CXR-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCXR-1.50	1,683	1,147	764	287	3,840	198	59	910	350	Rubber Lip	DGBB	0.31
NCXR-1.75	1,683	1,147	764	287	5,810	263	79	910	650	Rubber Lip	DGBB	0.46
NCXR-2.00	3,624	2,248	1,591	562	5,390	282	85	1,340	650	Rubber Lip	DGBB	0.94
NCXR-2.25	3,624	2,248	1,591	562	7,080	422	127	1,340	650	Rubber Lip	DGBB	0.99
NCXR-2.50	5,390	3,507	2,407	877	7,050	375	113	1,340	1,500	Rubber Lip	DGBB	0.99
NCXR-2.75	5,390	3,507	2,407	877	9,360	619	186	1,340	1,500	Rubber Lip	DGBB	1.00
NCXR-3.00A	6,118	4,586	2,884	1,147	15,710	788	236	1,950	2,250	Rubber Lip	DGBB	1.88
NCXR-3.25A	6,118	4,586	2,884	1,147	15,710	853	256	1,950	2,250	Rubber Lip	DGBB	1.75
NCXR-3.50A	6,483	5,216	3,145	1,304	18,340	1,050	315	3,000	4,200	Rubber Lip	DGBB	2.55
NCXR-4.00A	6,483	5,216	3,145	1,304	21,200	1,350	405	3,000	5,000	Rubber Lip	DGBB	4.75

NCTRE Series Track Roller Assembly

Crowned/Spherical – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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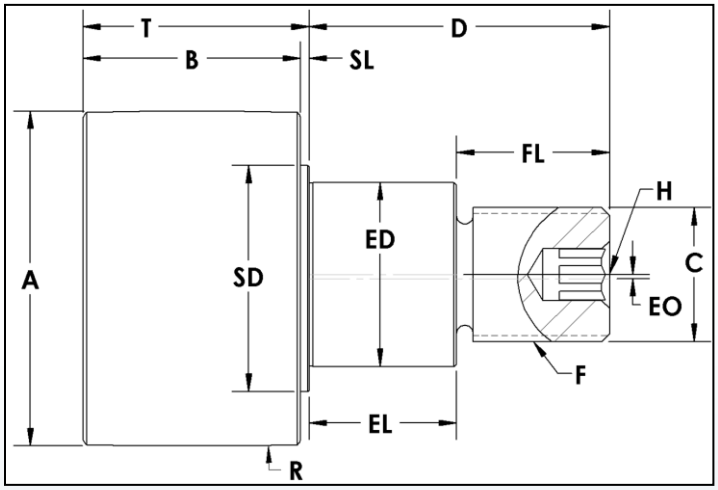

Stud Type Track Roller Part Number	A Roller Dia. +.000 -.001	B Roller Width	C Stud Dia. +.000 -.001	D Stud Length	ED Ecc Dia +.000 -.002	EL Ecc Length	EO Ecc Offset	F Thread Size	FL Thread Length	H Hex Size	R Crown Radius	SD Shoulder Dia.	SL Shoulder Length	T Roller Width + Shoulder Length
NCTRE-1.00	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 Series Track Roller Assembly

Crowned/Spherical – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "CTRE-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "CTRE-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCTRE-1.00	956	480	331	60	530	113	34	470	180	Rubber Lip	DGBB	0.14
NCTRE-1.125	956	480	331	60	530	127	38	470	180	Rubber Lip	DGBB	0.14
NCTRE-1.25	1,231	640	430	80	930	152	46	470	180	Rubber Lip	DGBB	0.20
NCTRE-1.375	1,231	640	430	80	930	167	50	470	180	Rubber Lip	DGBB	0.22
NCTRE-1.50	2,651	1,394	1,101	348	1,670	254	76	550	350	Rubber Lip	DGBB	0.47
NCTRE-1.75	2,651	1,394	1,101	348	1,670	297	89	550	650	Rubber Lip	DGBB	0.63
NCTRE-2.00	3,624	2,136	1,563	534	3,480	396	119	900	650	Rubber Lip	DGBB	1.19
NCTRE-2.25	3,624	2,136	1,563	534	4,660	550	165	900	650	Rubber Lip	DGBB	1.19
NCTRE-2.50	5,390	3,507	2,407	877	6,540	424	127	1,340	650	Rubber Lip	DGBB	1.83
NCTRE-2.75	5,390	3,507	2,407	877	8,470	672	202	1,340	650	Rubber Lip	DGBB	1.89
NCTRE-3.00A	7,393	5,036	3,358	1,259	13,980	873	262	1,950	1,500	Rubber Lip	DGBB	3.30
NCTRE-3.25A	7,393	5,036	3,358	1,259	13,980	946	284	1,950	1,500	Rubber Lip	DGBB	3.58
NCTRE-3.50A	7,393	5,036	3,358	1,259	13,980	1,019	306	1,950	1,500	Rubber Lip	DGBB	3.85
NCTRE-4.00A	7,393	5,036	3,358	1,259	13,980	1,164	349	1,950	1,500	Rubber Lip	DGBB	3.92

NCXRE Series Roller Assembly

Crowned/Spherical – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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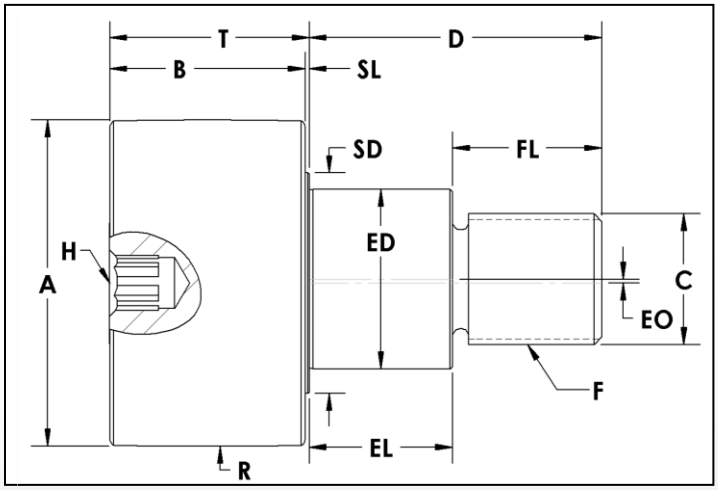

Stud Type Track Roller Part Number	A Roller Dia. +.000 -.001	B Roller Width	C Stud Dia.	D Stud Length	ED Ecc Dia +.000 -.002	EL Ecc Length	EO Ecc Offset	F Thread Size	FL Thread Length	H Hex Size	R Crown Radius	SD Shoulder Dia.	SL Shoulder Length	T Roller Width + Shoulder Length
NCXRE-1.50	1.500	0.88	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 Series Roller Assembly

Crowned/Spherical – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "CXRE-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "CXRE-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCXRE-1.50	1,683	1,147	764	287	3,840	198	59	910	350	Rubber Lip	DGBB	0.39
NCXRE-1.75	1,683	1,147	764	287	5,810	263	79	910	650	Rubber Lip	DGBB	0.55
NCXRE-2.00	3,624	2,248	1,591	562	5,390	282	85	1,340	650	Rubber Lip	DGBB	1.17
NCXRE-2.25	3,624	2,248	1,591	562	7,080	422	127	1,340	650	Rubber Lip	DGBB	1.27
NCXRE-2.50	5,390	3,507	2,407	877	7,050	375	113	1,340	1,500	Rubber Lip	DGBB	1.25
NCXRE-2.75	5,390	3,507	2,407	877	9,360	619	186	1,340	1,500	Rubber Lip	DGBB	1.29
NCXRE-3.00A	6,118	4,586	2,884	1,147	15,710	788	236	1,950	2,250	Rubber Lip	DGBB	2.32
NCXRE-3.25A	6,118	4,586	2,884	1,147	15,710	853	256	1,950	2,250	Rubber Lip	DGBB	1.94
NCXRE-3.50A	6,483	5,216	3,145	1,304	18,340	1,050	315	3,000	4,200	Rubber Lip	DGBB	3.09
NCXRE-4.00A	6,483	5,216	3,145	1,304	21,200	1,350	405	3,000	5,000	Rubber Lip	DGBB	5.61

NCTRY Series Track Roller Assembly

Crowned/Spherical – Yoke Type

Non-Metallic Roller Body - Ball Bearings

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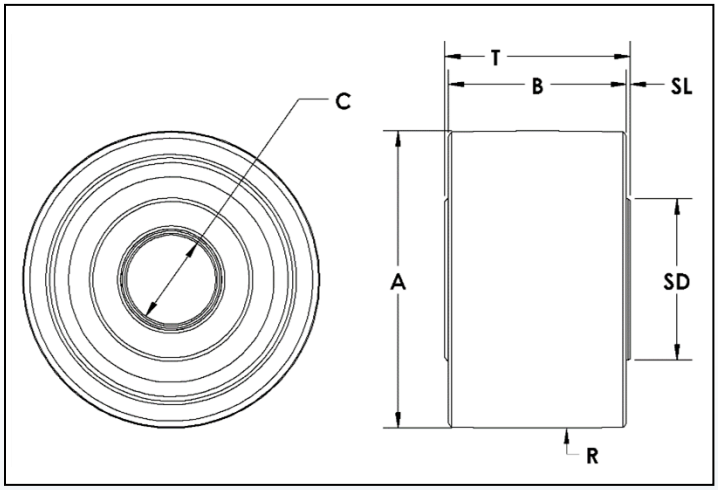

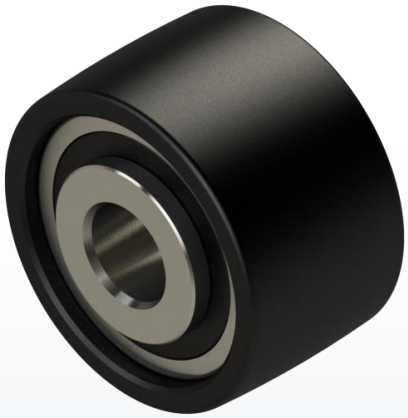

Yoke Type Track Roller Part Numer	A Roller Dia. +.000 -.001	B Roller Width	C Bore Dia. +.0007 -.0000	R Crown Radius	SD Shoulder Dia.	SL Shoulder Length	T Inner Race Width +.005 -.010
NCTRY-1.50	1.500	0.880	0.4380	20	0.9	0.03	0.937
NCTRY-1.75	1.750	1.000	0.5005	20	0.9	0.03	1.063
NCTRY-2.00	2.000	1.250	0.6255	24	1.1	0.03	1.313
NCTRY-2.25	2.250	1.250	0.6255	24	1.1	0.03	1.313
NCTRY-2.50	2.500	1.500	0.7505	30	1.2	0.03	1.563
NCTRY-2.75	2.750	1.500	0.7505	30	1.2	0.03	1.563
NCTRY-3.00A	3.000	1.750	1.0005	30	1.8	0.03	1.813
NCTRY-3.25A	3.250	1.750	1.0005	30	1.8	0.03	1.813
NCTRY-3.50A	3.500	2.000	1.1255	30	2.0	0.03	2.063
NCTRY-4.00A	4.000	2.250	1.2505	30	2.0	0.03	2.313

Optional PCI Yoke Shaft	Optional PCI Eccentric Yoke 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 Series Track Roller Assembly

Crowned/Spherical – Yoke Type

Non-Metallic Roller Body - Ball Bearings

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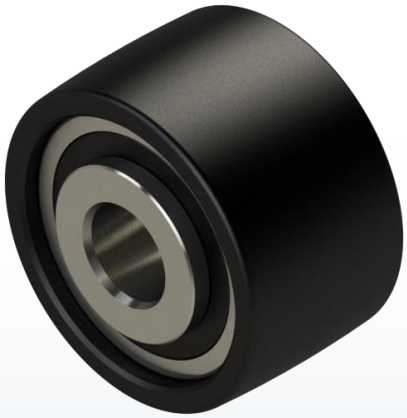

ADDITIONAL NOTES

DGBB: Deep Groove Ball Bearings – Alloy Steel

PCI Heavy Duty Yoke Shafts are available at an additional cost. See YSH page for details.

For stainless steel internals, add a "-SS" to the end of the part number. (See "CTRY-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "CTRY-R" page for specifications)

Specifications subject to change without notice.

Yoke Type Track Roller Part Numer	Basic Radial Dynamic Load Rating (lbs) C	Basic Radial Static Load Rating (lbs) Co	Thrust Dynamic Load Rating (lbs)	Thrust Static Load Rating (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCTRY-1.50	1,683	1,147	764	287	198	59	Rubber Lip	DGBB	0.18
NCTRY-1.75	1,683	1,147	764	287	263	79	Rubber Lip	DGBB	0.21
NCTRY-2.00	3,624	2,248	1,591	562	282	85	Rubber Lip	DGBB	0.53
NCTRY-2.25	3,624	2,248	1,591	562	422	127	Rubber Lip	DGBB	0.59
NCTRY-2.50	5,390	3,507	2,407	877	375	113	Rubber Lip	DGBB	1.02
NCTRY-2.75	5,390	3,507	2,407	877	619	186	Rubber Lip	DGBB	1.09
NCTRY-3.00A	6,118	4,586	2,884	1,147	788	236	Rubber Lip	DGBB	1.51
NCTRY-3.25A	6,118	4,586	2,884	1,147	853	256	Rubber Lip	DGBB	1.61
NCTRY-3.50A	6,483	5,216	3,145	1,304	1,050	315	Rubber Lip	DGBB	2.15
NCTRY-4.00A	6,483	5,216	3,145	1,304	1,350	405	Rubber Lip	DGBB	2.69

NFTR Series Track Roller Assembly

Flanged – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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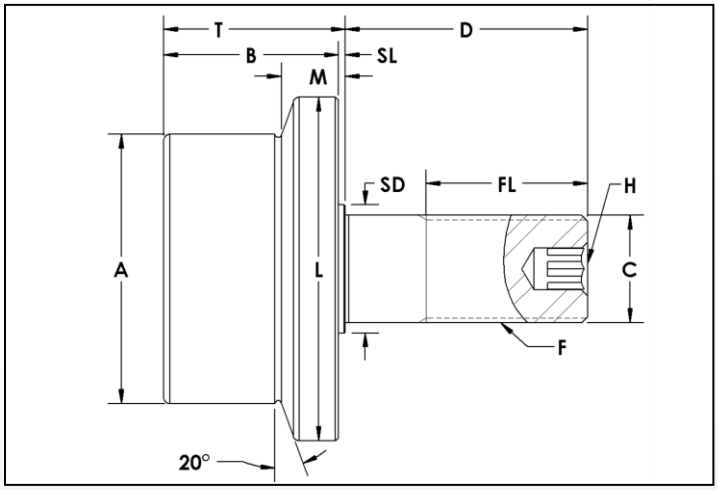

Stud Type Track Roller Part Number	A Roller Dia. +.000 -.001	B Roller Width	C Stud Dia. +.000 -.001	D Stud Length	F Thread Size	FL Thread Length	H Hex Size	L Flange Dia	M Flange Width	SD Shoulder Dia.	SL Shoulder Length	T Roller Width + Shoulder Length
NFTR-1.00	1.000	0.75	0.437	1.00	7/16 - 20	0.50	3/16	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 Series Track Roller Assembly

Flanged – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "FTR-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "FTR-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NFTR-1.00	956	480	331	60	380	80	24	470	180	Rubber Lip	DGBB	0.12
NFTR-1.125	956	480	331	60	380	90	27	470	180	Rubber Lip	DGBB	0.12
NFTR-1.25	1,231	640	430	80	700	111	33	470	180	Rubber Lip	DGBB	0.20
NFTR-1.375	1,231	640	430	80	700	122	37	470	180	Rubber Lip	DGBB	0.21
NFTR-1.50-2	2,651	1,394	1,101	348	1,210	178	53	550	350	Rubber Lip	DGBB	0.24
NFTR-1.50	1,857	1,075	662	134	740	149	45	470	250	Rubber Lip	DGBB	0.37
NFTR-1.75	2,651	1,394	1,101	348	1,210	207	62	550	650	Rubber Lip	DGBB	0.53
NFTR-2.00	3,624	2,136	1,563	534	2,840	312	94	900	650	Rubber Lip	DGBB	0.96
NFTR-2.00-9	3,624	2,136	1,563	534	2,840	312	94	900	650	Rubber Lip	DGBB	0.99
NFTR-2.25	3,624	2,136	1,563	534	2,840	351	105	900	650	Rubber Lip	DGBB	1.23
NFTR-2.50	5,390	3,507	2,407	877	6,540	424	127	1,340	650	Rubber Lip	DGBB	1.80
NFTR-2.75	5,390	3,507	2,407	877	6,280	429	129	1,340	650	Rubber Lip	DGBB	2.20
NFTR-3.00A	7,393	5,036	3,358	1,259	10,800	608	182	1,950	1,500	Rubber Lip	DGBB	2.93
NFTR-3.25A	7,393	5,036	3,358	1,259	10,800	658	197	1,950	1,500	Rubber Lip	DGBB	3.06
NFTR-3.50A	7,393	5,036	3,358	1,259	10,800	709	213	1,950	1,500	Rubber Lip	DGBB	3.29
NFTR-4.00A	7,393	5,036	3,358	1,259	10,800	810	243	1,950	1,500	Rubber Lip	DGBB	3.54

NFTRE Series Track Roller Assembly

Flanged – Stud Type Eccentric

Non-Metallic Roller Body - Ball Bearings

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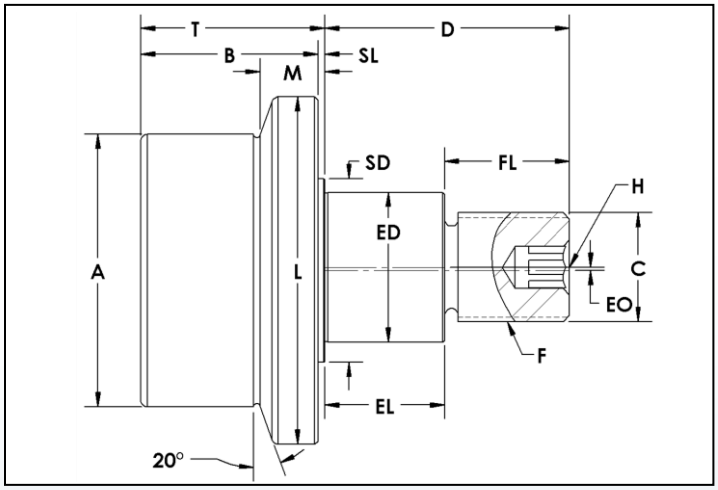

Stud Type Track Roller Part Number	A Roller Dia. +.000 -.001	B Roller Width	C Stud Dia.	D Stud Length	ED Ecc Dia +.000 -.002	EL Ecc Length	EO Ecc Offset	F Thread Size	FL Thread Length	H Hex Size	L Flange Dia	M Flange Width	SD Shoulder Dia.	SL Shoulder Length	T Roller Width + Shoulder Length
NFTRE-1.00	1.000	0.75	0.437	1.00	0.625	0.480	0.030	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	0.480	0.030	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	0.605	0.030	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	0.605	0.030	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	0.605	0.030	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	0.730	0.030	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	0.855	0.030	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	0.980	0.030	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	0.980	0.030	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	0.980	0.030	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	1.105	0.030	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	1.105	0.030	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	1.230	0.060	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	1.230	0.060	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	1.355	0.060	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	1.355	0.060	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00

NFTRE Series Track Roller Assembly

Flanged – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "FTRE-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "FTRE-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NFTRE-1.00	956	480	331	60	380	80	24	470	180	Rubber Lip	DGBB	0.15
NFTRE-1.125	956	480	331	60	380	90	27	470	180	Rubber Lip	DGBB	0.14
NFTRE-1.25	1,231	640	430	80	700	111	33	470	180	Rubber Lip	DGBB	0.22
NFTRE-1.375	1,231	640	430	80	700	122	37	470	180	Rubber Lip	DGBB	0.24
NFTRE-1.50-2	2,651	1,394	1,101	348	1,210	178	53	550	350	Rubber Lip	DGBB	0.27
NFTRE-1.50	1,857	1,075	662	134	740	149	45	470	250	Rubber Lip	DGBB	0.44
NFTRE-1.75	2,651	1,394	1,101	348	1,210	207	62	550	650	Rubber Lip	DGBB	0.63
NFTRE-2.00	3,624	2,136	1,563	534	2,840	312	94	900	650	Rubber Lip	DGBB	1.17
NFTRE-2.00-9	3,624	2,136	1,563	534	2,840	312	94	900	650	Rubber Lip	DGBB	1.20
NFTRE-2.25	3,624	2,136	1,563	534	2,840	351	105	900	650	Rubber Lip	DGBB	1.44
NFTRE-2.50	5,390	3,507	2,407	877	6,540	424	127	1,340	650	Rubber Lip	DGBB	2.07
NFTRE-2.75	5,390	3,507	2,407	877	6,280	429	129	1,340	650	Rubber Lip	DGBB	2.46
NFTRE-3.00A	7,393	5,036	3,358	1,259	10,800	608	182	1,950	1,500	Rubber Lip	DGBB	3.52
NFTRE-3.25A	7,393	5,036	3,358	1,259	10,800	658	197	1,950	1,500	Rubber Lip	DGBB	3.81
NFTRE-3.50A	7,393	5,036	3,358	1,259	10,800	709	213	1,950	1,500	Rubber Lip	DGBB	4.12
NFTRE-4.00A	7,393	5,036	3,358	1,259	10,800	810	243	1,950	1,500	Rubber Lip	DGBB	4.24

NFTRY Series Track Roller Assembly

Flanged – Yoke Type

Non-Metallic Roller Body - Ball Bearings

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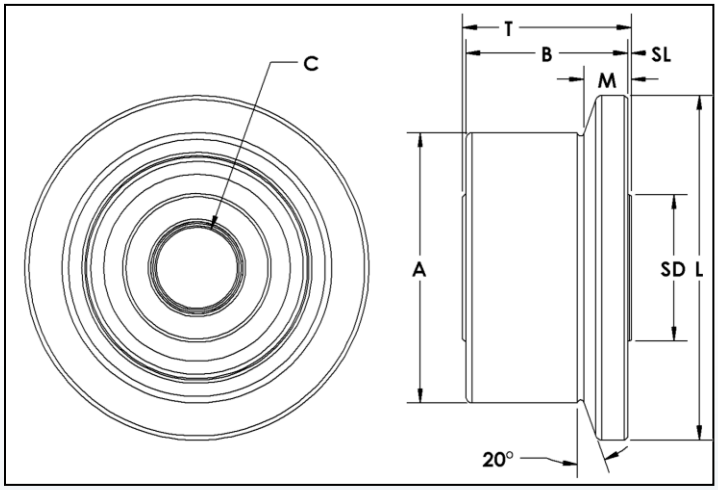

Yoke Type Track Roller Part Numer	A	B	C	L	M	SD	SL	T
	Roller Dia. +.000 -.001	Roller Width	Bore Dia. +.0007 -.0000	Flange Dia	Flange Width	Shoulder Dia.	Shoulder Length	Inner Race Width +.005 -.010
NFTRY-1.50	1.500	0.88	0.4380	2.19	0.22	0.9	0.03	0.937
NFTRY-1.75	1.750	1.00	0.5005	2.44	0.25	0.9	0.03	1.063
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	Optional PCI Eccentric Yoke 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 Series Track Roller Assembly

Flanged – Yoke Type

Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

DGBB: Deep Groove Ball Bearings – Alloy Steel

PCI Heavy Duty Yoke Shafts are available at an additional cost. See YSH page for details.

For stainless steel internals, add a "-SS" to the end of the part number. (See "FTRY-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "FTRY-R" page for specifications)

Specifications subject to change without notice.

Yoke Type Track Roller Part Numer	Basic Radial Dynamic Load Rating (lbs) C	Basic Radial Static Load Rating (lbs) Co	Thrust Dynamic Load Rating (lbs)	Thrust Static Load Rating (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NFTRY-1.50	1,683	1,147	764	287	149	45	Rubber Lip	DGBB	0.19
NFTRY-1.75	1,683	1,147	764	287	197	59	Rubber Lip	DGBB	0.23
NFTRY-2.00	3,624	2,248	1,591	562	282	85	Rubber Lip	DGBB	0.58
NFTRY-2.25	3,624	2,248	1,591	562	317	95	Rubber Lip	DGBB	0.63
NFTRY-2.50	5,390	3,507	2,407	877	375	113	Rubber Lip	DGBB	1.07
NFTRY-2.75	5,390	3,507	2,407	877	413	124	Rubber Lip	DGBB	1.15
NFTRY-3.00A	6,118	4,586	2,884	1,147	522	157	Rubber Lip	DGBB	1.63
NFTRY-3.25A	6,118	4,586	2,884	1,147	566	170	Rubber Lip	DGBB	1.74
NFTRY-3.50A	6,483	5,216	3,145	1,304	740	222	Rubber Lip	DGBB	2.26
NFTRY-4.00A	6,483	5,216	3,145	1,304	996	299	Rubber Lip	DGBB	2.84

NFFTR Series Track Roller Assembly

Double Flanged – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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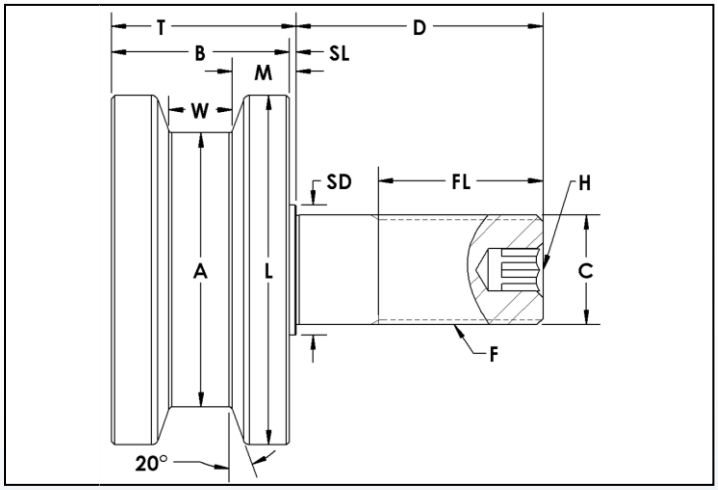

Stud Type Track Roller Part Number	A Roller Dia.	B Roller Width	C Stud Dia. +.000 -.001	D Stud Length	F Thread Size	FL Thread Length	H Hex Size	L Flange Dia	M Flange Width	SD Shoulder Dia.	SL Shoulder Length	T Roller Width + Shoulder Length	W Tread Width
NFFTR-1.00	1.00	0.75	0.437	1.00	7/16 - 20	0.50	3/16	1.38	0.22	0.5	0.03	0.78	0.37
NFFTR-1.125	1.13	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	1.25	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	1.38	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	1.50	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	1.75	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	2.00	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	2.25	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	2.50	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	2.75	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	3.00	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	3.25	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	3.50	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	4.00	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 Series Track Roller Assembly

Double Flanged – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "FFTR-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "FFTR-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NFFTR-1.00	956	480	331	60	380	56	17	470	180	Rubber Lip	DGBB	0.12
NFFTR-1.125	956	480	331	60	380	62	19	470	180	Rubber Lip	DGBB	0.13
NFFTR-1.25	1,231	640	430	80	700	81	24	470	180	Rubber Lip	DGBB	0.21
NFFTR-1.375	1,231	640	430	80	700	89	27	470	180	Rubber Lip	DGBB	0.22
NFFTR-1.50	2,651	1,394	1,101	348	1,210	128	38	550	350	Rubber Lip	DGBB	0.46
NFFTR-1.75	2,651	1,394	1,101	348	1,210	150	45	550	650	Rubber Lip	DGBB	0.60
NFFTR-2.00	3,624	2,136	1,563	534	3,480	171	51	900	650	Rubber Lip	DGBB	1.12
NFFTR-2.25	3,624	2,136	1,563	534	3,480	192	58	900	650	Rubber Lip	DGBB	1.20
NFFTR-2.50	5,390	3,507	2,407	877	6,540	214	64	1,340	650	Rubber Lip	DGBB	1.83
NFFTR-2.75	5,390	3,507	2,407	877	6,540	235	71	1,340	650	Rubber Lip	DGBB	1.93
NFFTR-3.00A	7,393	5,036	3,358	1,259	10,800	396	119	1,950	1,500	Rubber Lip	DGBB	3.05
NFFTR-3.25A	7,393	5,036	3,358	1,259	10,800	429	129	1,950	1,500	Rubber Lip	DGBB	3.25
NFFTR-3.50A	7,393	5,036	3,358	1,259	10,800	462	139	1,950	1,500	Rubber Lip	DGBB	3.94
NFFTR-4.00A	7,393	5,036	3,358	1,259	10,800	528	158	1,950	1,500	Rubber Lip	DGBB	4.12

NFFTRE Series Track Roller Assembly

Double Flanged – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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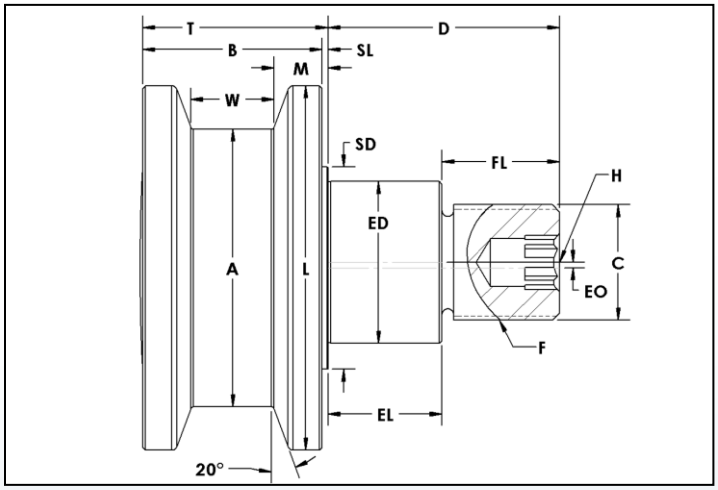

Stud Type Track Roller Part Number	A	B	C	D	ED	EL	EO	F	FL	H	L	M	SD	SL	T	W
	Roller Dia.	Roller Width	Stud Dia.	Stud Length	Ecc Dia +.000 -.002	Ecc Length	Ecc Offset	Thread Size	Thread Length	Hex Size	Flange Dia	Flange Width	Shld Dia.	Shld Length	Roller Width + Shoulder Length	Tread Width
NFFTRE-1.00	1.00	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	1.13	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	1.25	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	1.38	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	1.50	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	1.75	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	2.00	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	2.25	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	2.50	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	2.75	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	3.00	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	3.25	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	3.50	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	4.00	1.94	1.250	2.75	1.812	1.36	0.06	1 1/4 - 12	1.40	1/2	4.94	0.59	2.2	0.06	2.00	0.88

NFFTRE Series Track Roller Assembly

Double Flanged – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "FFTRE-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "FFTRE-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NFFTRE-1.00	956	480	331	60	380	56	17	470	180	Rubber Lip	DGBB	0.15
NFFTRE-1.125	956	480	331	60	380	62	19	470	180	Rubber Lip	DGBB	0.15
NFFTRE-1.25	1,231	640	430	80	700	81	24	470	180	Rubber Lip	DGBB	0.23
NFFTRE-1.375	1,231	640	430	80	700	89	27	470	180	Rubber Lip	DGBB	0.25
NFFTRE-1.50	2,651	1,394	1,101	348	1,210	128	38	550	350	Rubber Lip	DGBB	0.53
NFFTRE-1.75	2,651	1,394	1,101	348	1,210	150	45	550	650	Rubber Lip	DGBB	0.70
NFFTRE-2.00	3,624	2,136	1,563	534	3,480	171	51	900	650	Rubber Lip	DGBB	1.33
NFFTRE-2.25	3,624	2,136	1,563	534	3,480	192	58	900	650	Rubber Lip	DGBB	1.41
NFFTRE-2.50	5,390	3,507	2,407	877	6,540	214	64	1,340	650	Rubber Lip	DGBB	2.10
NFFTRE-2.75	5,390	3,507	2,407	877	6,540	235	71	1,340	650	Rubber Lip	DGBB	2.19
NFFTRE-3.00A	7,393	5,036	3,358	1,259	10,800	396	119	1,950	1,500	Rubber Lip	DGBB	3.64
NFFTRE-3.25A	7,393	5,036	3,358	1,259	10,800	429	129	1,950	1,500	Rubber Lip	DGBB	4.00
NFFTRE-3.50A	7,393	5,036	3,358	1,259	10,800	462	139	1,950	1,500	Rubber Lip	DGBB	4.77
NFFTRE-4.00A	7,393	5,036	3,358	1,259	10,800	528	158	1,950	1,500	Rubber Lip	DGBB	4.82

NFFTRY Series Track Roller Assembly

Double Flanged – Yoke Type

Non-Metallic Roller Body - Ball Bearings

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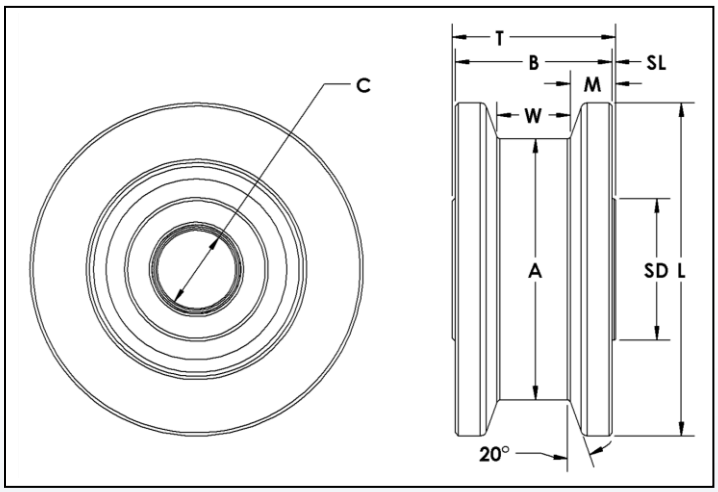

Yoke Type Track Roller Part Numer	A	B	C	L	M	SD	SL	T	W
	Roller Dia.	Roller Width	Bore Dia. +.0007 -.0000	Flange Dia	Flange Width	Shoulder Dia.	Shoulder Length	Inner Race Width +.005 -.010	Tread Width
NFFTRY-1.50	1.50	0.88	0.4380	2.19	0.22	0.9	0.03	0.937	0.50
NFFTRY-1.75	1.75	1.00	0.5005	2.44	0.25	0.9	0.03	1.063	0.56
NFFTRY-2.00	2.00	1.25	0.6255	2.69	0.31	1.1	0.03	1.313	0.69
NFFTRY-2.25	2.25	1.25	0.6255	2.94	0.31	1.1	0.03	1.313	0.69
NFFTRY-2.50	2.50	1.50	0.7505	3.19	0.50	1.2	0.03	1.563	0.56
NFFTRY-2.75	2.75	1.50	0.7505	3.44	0.50	1.2	0.03	1.563	0.56
NFFTRY-3.00A	3.00	1.75	1.0005	3.94	0.59	1.8	0.03	1.813	0.63
NFFTRY-3.25A	3.25	1.75	1.0005	4.19	0.59	1.8	0.03	1.813	0.63
NFFTRY-3.50A	3.50	2.00	1.1255	4.44	0.59	2.0	0.03	2.063	0.88
NFFTRY-4.00A	4.00	2.25	1.2505	4.94	0.59	2.0	0.03	2.313	1.13

Optional PCI Yoke Shaft	Optional PCI Eccentric Yoke 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

NFFTRY Series Track Roller Assembly

Double Flanged – Yoke Type

Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

DGBB: Deep Groove Ball Bearings – Alloy Steel

PCI Heavy Duty Yoke Shafts are available at an additional cost. See YSH page for details.

For stainless steel internals, add a "-SS" to the end of the part number. (See "FFTRY-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "FFTRY-R" page for specifications)

Specifications subject to change without notice.

Yoke Type Track Roller Part Numer	Basic Radial Dynamic Load Rating (lbs) C	Basic Radial Static Load Rating (lbs) Co	Thrust Dynamic Load Rating (lbs)	Thrust Static Load Rating (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NFFTRY-1.50	1,683	1,147	764	287	112	34	Rubber Lip	DGBB	0.20
NFFTRY-1.75	1,683	1,147	764	287	148	44	Rubber Lip	DGBB	0.24
NFFTRY-2.00	3,624	2,248	1,591	562	207	62	Rubber Lip	DGBB	0.62
NFFTRY-2.25	3,624	2,248	1,591	562	233	70	Rubber Lip	DGBB	0.68
NFFTRY-2.50	5,390	3,507	2,407	877	211	63	Rubber Lip	DGBB	1.12
NFFTRY-2.75	5,390	3,507	2,407	877	232	70	Rubber Lip	DGBB	1.21
NFFTRY-3.00A	6,118	4,586	2,884	1,147	285	85	Rubber Lip	DGBB	1.75
NFFTRY-3.25A	6,118	4,586	2,884	1,147	307	92	Rubber Lip	DGBB	1.92
NFFTRY-3.50A	6,483	5,216	3,145	1,304	462	139	Rubber Lip	DGBB	2.42
NFFTRY-4.00A	6,483	5,216	3,145	1,304	680	204	Rubber Lip	DGBB	3.00

NVTR Series Track Roller Assembly

V-Grooved – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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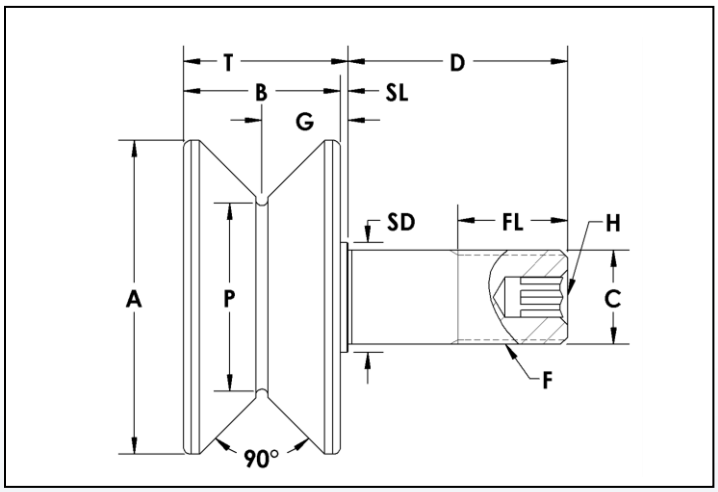

Stud Type Track Roller Part Number	A Roller Dia.	B Roller Width	C Stud Dia. +.000 -.001	D Stud Length	F Thread Size	FL Thread Length	G Groove Center	H Hex Size	P Point Dia. +.000 -.001	SD Shoulder Dia.	SL Shoulder Length	T Roller Width + Shoulder Length
NVTR-1.50	1.50	0.75	0.437	1.00	7/16 - 20	0.50	0.39	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 Series Track Roller Assembly

V-Grooved – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "VTR-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "VTR-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NVTR-1.50	956	480	331	60	530	63	19	470	180	Rubber Lip	DGBB	0.14
NVTR-2.00	1,231	640	430	80	640	129	39	470	180	Rubber Lip	DGBB	0.25
NVTR-2.50	2,651	1,394	1,101	348	1,070	225	68	550	650	Rubber Lip	DGBB	0.64
NVTR-3.50	4,661	3,012	2,076	753	4,460	422	127	1,340	650	Rubber Lip	DGBB	1.50
NVTR-4.50A	7,393	5,036	3,358	1,259	13,980	675	203	1,950	1,500	Rubber Lip	DGBB	3.31
NVTR-5.50A	7,393	5,036	3,358	1,259	13,980	900	270	1,950	1,500	Rubber Lip	DGBB	4.07

NVTRE Series Track Roller Assembly

V-Grooved – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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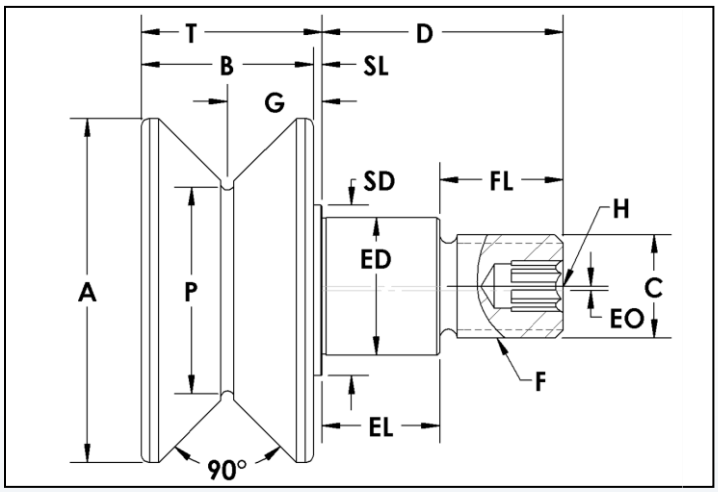

Stud Type Track Roller Part Number	A Roller Dia.	B Roller Width	C Stud Dia. +.000 -.001	D Stud Length	ED Ecc Dia +.000 -.002	EL Ecc Length	EO Ecc Offset	F Thread Size	FL Thread Length	G Groove Center	H Hex Size	P Point Dia. +.000 -.001	SD Shoulder Dia.	SL Shoulder Length	T Roller Width + Shoulder Length
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 Series Track Roller Assembly

V-Grooved – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "VTRE-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "VTRE-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NVTRE-1.50	956	480	331	60	530	63	19	470	180	Rubber Lip	DGBB	0.17
NVTRE-2.00	1,231	640	430	80	640	129	39	470	180	Rubber Lip	DGBB	0.28
NVTRE-2.50	2,651	1,394	1,101	348	1,070	225	68	550	650	Rubber Lip	DGBB	0.71
NVTRE-3.50	4,661	3,012	2,076	753	4,460	422	127	1,340	650	Rubber Lip	DGBB	1.55
NVTRE-4.50A	7,393	5,036	3,358	1,259	13,980	675	203	1,950	1,500	Rubber Lip	DGBB	3.94
NVTRE-5.50A	7,393	5,036	3,358	1,259	13,980	900	270	1,950	1,500	Rubber Lip	DGBB	4.49

NVTRY Series Track Roller Assembly

V-Grooved – Yoke Type

Non-Metallic Roller Body - Ball Bearings

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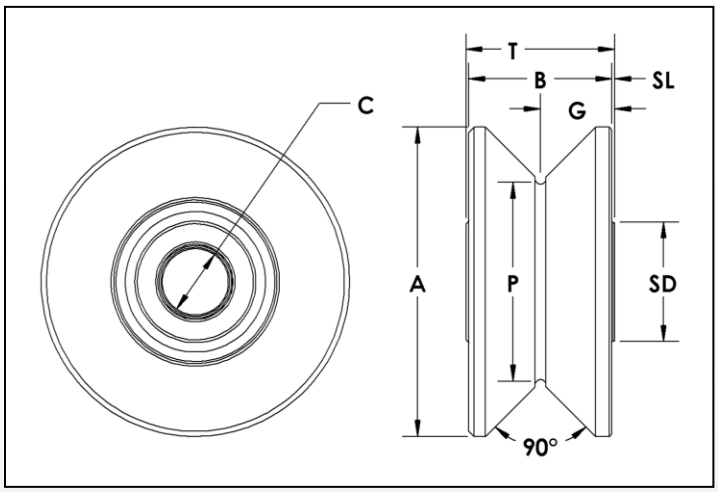

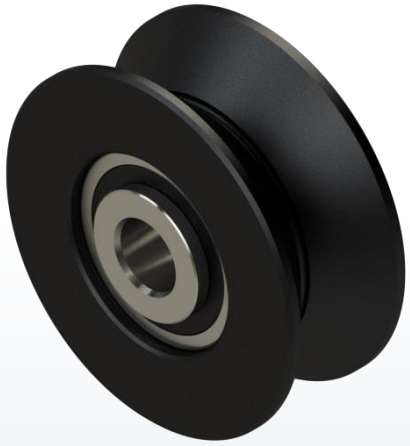

Yoke Type Track Roller Part Numer	A	B	C	G	P	SD	SL	T
	Roller Dia.	Roller Width	Bore Dia. +.0007 -.0000	Groove Center	Point Dia. +.000 -.001	Shoulder Dia.	Shoulder Length	Inner Race Width +.005 -.010
NVTRY-2.50-9	2.50	0.880	0.4380	0.47	1.750	0.9	0.03	0.937
NVTRY-2.50	2.50	1.250	0.6255	0.66	2.000	1.1	0.03	1.313
NVTRY-3.00	3.00	1.250	0.6255	0.66	2.060	1.1	0.03	1.313
NVTRY-3.50	3.50	1.500	0.7505	0.78	2.250	1.2	0.03	1.563
NVTRY-3.50-9	3.50	1.625	0.7505	0.84	2.250	1.2	0.03	1.687
NVTRY-3.75A	3.75	1.500	0.7505	0.78	2.500	1.2	0.03	1.563
NVTRY-4.50A	4.50	1.750	1.0005	0.91	3.000	1.8	0.03	1.813
NVTRY-5.00A	5.00	2.000	1.1255	1.03	3.500	2.0	0.03	2.063
NVTRY-5.50A	5.50	2.250	1.2505	1.16	4.000	2.0	0.03	2.313

Optional PCI Yoke Shaft	Optional PCI Eccentric Yoke Shaft
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

NVTRY Series Track Roller Assembly

V-Grooved – Yoke Type

Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

DGBB: Deep Groove Ball Bearings – Alloy Steel

PCI Heavy Duty Yoke Shafts are available at an additional cost. See YSH page for details.

For stainless steel internals, add a "-SS" to the end of the part number. (See "VTRY-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "VTRY-R" page for specifications)

Specifications subject to change without notice.

Yoke Type Track Roller Part Numer	Basic Radial Dynamic Load Rating (lbs) C	Basic Radial Static Load Rating (lbs) Co	Thrust Dynamic Load Rating (lbs)	Thrust Static Load Rating (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NVTRY-2.50-9	1,683	1,147	764	287	197	59	Rubber Lip	DGBB	0.26
NVTRY-2.50	3,624	2,248	1,591	562	150	45	Rubber Lip	DGBB	0.62
NVTRY-3.00	3,624	2,248	1,591	562	290	87	Rubber Lip	DGBB	0.69
NVTRY-3.50	4,334	2,945	1,967	736	422	127	Rubber Lip	DGBB	1.02
NVTRY-3.50-9	4,334	2,945	1,967	736	422	127	Rubber Lip	DGBB	0.97
NVTRY-3.75A	5,390	3,507	2,407	877	469	141	Rubber Lip	DGBB	1.27
NVTRY-4.50A	6,118	4,586	2,884	1,147	675	203	Rubber Lip	DGBB	1.93
NVTRY-5.00A	6,483	5,216	3,145	1,304	788	236	Rubber Lip	DGBB	2.75
NVTRY-5.50A	6,483	5,216	3,145	1,304	900	270	Rubber Lip	DGBB	3.50

NUTR Series Track Roller Assembly

U-Grooved – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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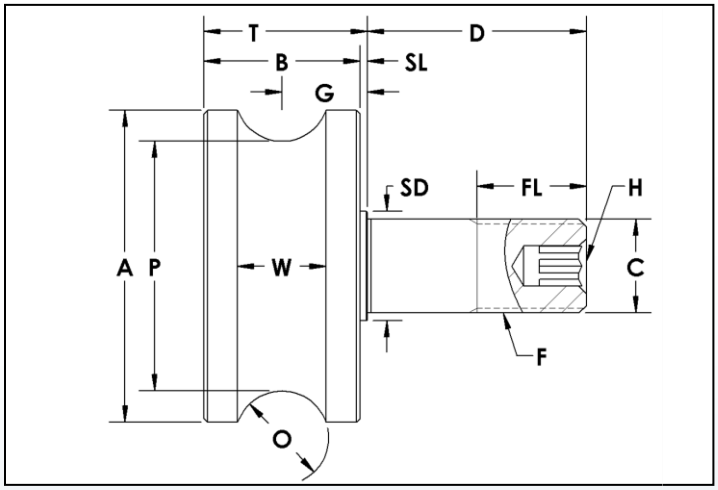

Stud Type Track Roller Part Number	A	B	C	D	F	FL	G	H	O	P	SD	SL	T	W
	Roller Dia.	Roller Width	Stud Dia. +.000 -.001	Stud Length	Thread Size	Thread Length	Groove Center	Hex Size	Rail Size	Point Dia. +.000 -.001	Shoulder Dia.	Shoulder Length	Roller Width + Shoulder Length	Tread Width
NUTR-1.50	1.50	0.75	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 Series Track Roller Assembly

U-Grooved – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "UTR-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "UTR-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NUTR-1.50	956	480	331	60	530	81	24	470	180	Rubber Lip	DGBB	0.14
NUTR-1.75	956	480	331	60	530	97	29	470	180	Rubber Lip	DGBB	0.16
NUTR-2.00	1,231	640	430	80	640	131	39	470	180	Rubber Lip	DGBB	0.26
NUTR-2.50	2,651	1,394	1,101	348	990	213	64	550	650	Rubber Lip	DGBB	0.67
NUTR-3.50	3,624	2,136	1,563	534	4,660	392	117	900	650	Rubber Lip	DGBB	1.45
NUTR-4.50A	7,393	5,036	3,358	1,259	13,980	522	157	1,950	1,500	Rubber Lip	DGBB	3.58

NUTRE Series Track Roller Assembly

U-Grooved – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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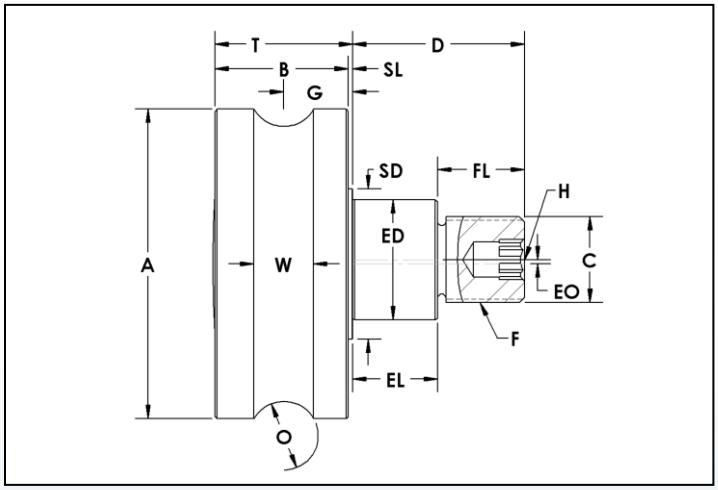

Stud Type Track Roller Part Number	A Roller Dia.	B Roller Width	C Stud Dia. +.000 -.001	D Stud Length	ED Ecc Dia +.000 -.002	EL Ecc Length	EO Ecc Offset	F Thread Size	FL Thread Length	G Groove Center	H Hex Size	O Rail Size	P Point Dia. +.000 -.001	SD Shld Dia.	SL Shld Length	T Roller Width + Shoulder Length	W Tread 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 Series Track Roller Assembly

U-Grooved – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "UTRE-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "UTRE-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NUTRE-1.50	956	480	331	60	530	81	24	470	180	Rubber Lip	DGBB	0.17
NUTRE-1.75	956	480	331	60	530	97	29	470	180	Rubber Lip	DGBB	0.27
NUTRE-2.00	1,231	640	430	80	640	131	39	470	180	Rubber Lip	DGBB	0.29
NUTRE-2.50	2,651	1,394	1,101	348	990	213	64	550	650	Rubber Lip	DGBB	0.73
NUTRE-3.50	3,624	2,136	1,563	534	4,660	392	117	900	650	Rubber Lip	DGBB	1.50
NUTRE-4.50A	7,393	5,036	3,358	1,259	13,980	522	157	1,950	1,500	Rubber Lip	DGBB	3.99

NUTRY Series Track Roller Assembly

U-Grooved – Yoke Type

Non-Metallic Roller Body - Ball Bearings

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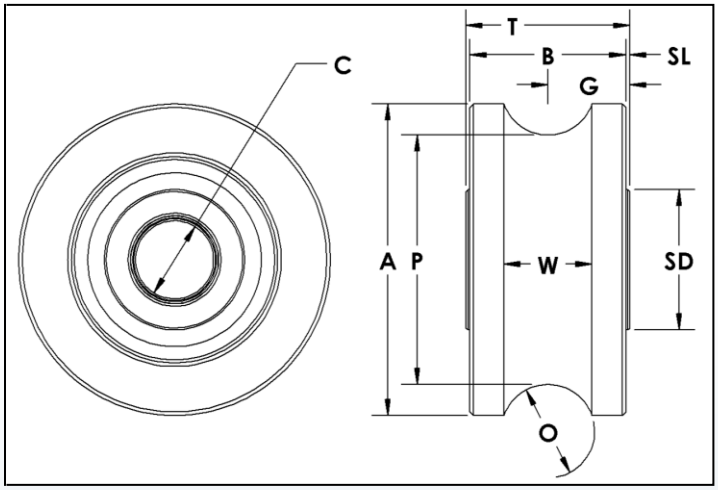

Yoke Type Track Roller Part Numer	A Roller Dia.	B Roller Width	C Bore Dia. +.0007 -.0000	G Groove Center	O Rail Size	P Point Dia. +.000 -.001	SD Shoulder Dia.	SL Shoulder Length	T Inner Race Width +.005 -.010	W Tread Width
NUTRY-1.75	1.75	0.88	0.4380	0.47	1/2	1.500	0.9	0.03	0.937	0.44
NUTRY-2.00	2.00	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	Optional PCI Eccentric Yoke 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 Series Track Roller Assembly

U-Grooved – Yoke Type

Non-Metallic Roller Body - Ball Bearings

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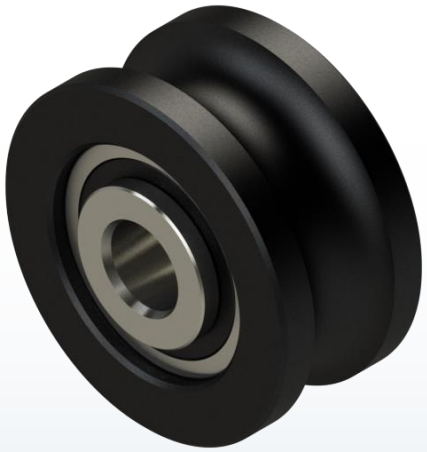

ADDITIONAL NOTES

DGBB: Deep Groove Ball Bearings – Alloy Steel

PCI Heavy Duty Yoke Shafts are available at an additional cost. See YSH page for details.

For stainless steel internals, add a "-SS" to the end of the part number. (See "UTRY-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "UTRY-R" page for specifications)

Specifications subject to change without notice.

Yoke Type Track Roller Part Numer	Basic Radial Dynamic Load Rating (lbs) C	Basic Radial Static Load Rating (lbs) Co	Thrust Dynamic Load Rating (lbs)	Thrust Static Load Rating (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NUTRY-1.75	1,683	1,147	764	287	99	30	Rubber Lip	DGBB	0.19
NUTRY-2.00	1,683	1,147	764	287	131	39	Rubber Lip	DGBB	0.23
NUTRY-2.50	3,624	2,248	1,591	562	213	64	Rubber Lip	DGBB	0.60
NUTRY-3.50A	6,118	4,586	2,884	1,147	392	117	Rubber Lip	DGBB	1.65
NUTRY-4.50A	6,483	5,216	3,145	1,304	522	157	Rubber Lip	DGBB	2.96

NCIR Series Track Roller Assembly

Channel & I-Beam – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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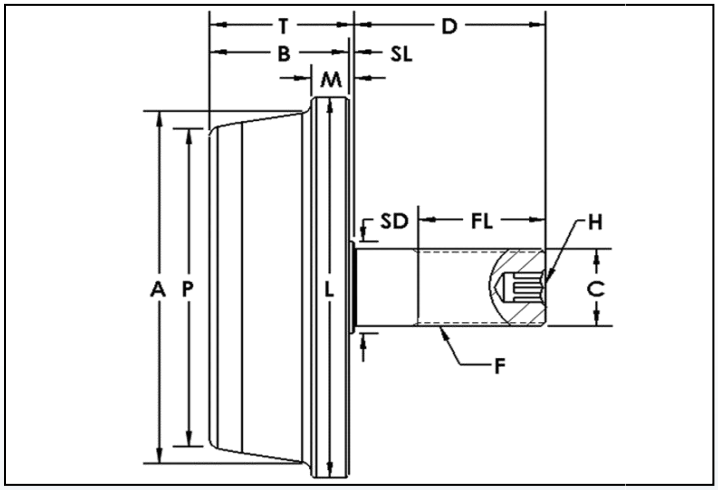

Stud Type Track Roller Part Number	A Roller Dia.	B Roller Width	C Stud Dia. +.000 -.001	D Stud Length	F Thread Size	FL Thread Length	H Hex Size	L Flange Dia	M Flange Width	P Point Dia.	SD Shoulder Dia.	SL Shoulder Length	T Roller Width + Shoulder Length
NCIR-3.00	2.56	1.13	0.625	1.50	5/8 - 18	0.75	5/16	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

NCIR Series Track Roller Assembly

Channel & I-Beam – Stud Type Concentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "CIR-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "CIR-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCIR-3.00	2,651	1,394	1,101	348	1,070	211	63	550	350	Rubber Lip	DGBB	0.61
NCIR-3.00E	3,624	2,136	1,563	534	3,020	368	110	900	650	Rubber Lip	DGBB	1.34
NCIR-3.00-1	3,624	2,248	1,591	562	4,770	349	105	1,340	650	Rubber Lip	DGBB	1.34
NCIR-4.00	3,624	2,136	1,563	534	2,960	518	155	900	650	Rubber Lip	DGBB	1.54
NCIR-4.00E	5,390	3,507	2,407	877	6,450	518	155	1,340	650	Rubber Lip	DGBB	2.09
NCIR-5.00	5,390	3,507	2,407	877	6,540	701	210	1,340	650	Rubber Lip	DGBB	2.60

NCIRE Series Track Roller Assembly

Channel & I-Beam – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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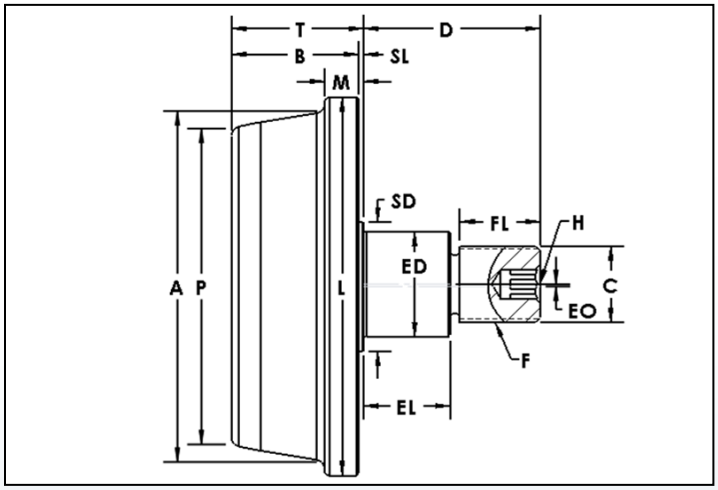

Stud Type Track Roller Part Number	A Roller Dia.	B Roller Width	C Stud Dia. +.000 -.001	D Stud Length	ED Ecc Dia +.000 -.002	EL Ecc Length	EO Ecc Offset	F Thread Size	FL Thread Length	H Hex Size	L Flange Dia	M Flange Width	P Point Dia.	SD Shoulder Dia.	SL Shoulder Length	T Roller Width + Shoulder Length
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

NCIRE Series Track Roller Assembly

Channel & I-Beam – Stud Type Eccentric
Non-Metallic Roller Body - Ball Bearings

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ADDITIONAL NOTES

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

DGBB: Deep Groove Ball Bearings – Alloy Steel
Jam Nut & Lock Washer sets are available at an additional cost.

For stainless steel internals, add a "-SS" to the end of the part number. (See "CIRE-SS" page for specifications)

For regreasable provisions, add a "–R" to the end of the part number. (See "CIRE-R" page for specifications)

Specifications subject to change without notice.

Stud 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)	Stud Capacity (lbs)	Rotational Tread Capacity (lbs)	Stationary Tread Capacity (lbs)	Retaining Ring Capacity (lbs)	Max. Clamping Torque (in-lbs)*	Seal Type	Bearing Type	Approx. Roller Weight (lbs)
NCIRE-3.00	2,651	1,394	1,101	348	1,080	211	63	550	650	Rubber Lip	DGBB	0.63
NCIRE-3.00E	3,624	2,136	1,563	534	3,020	368	110	900	3,450	Rubber Lip	DGBB	1.53
NCIRE-3.00-1	3,624	2,248	1,591	562	4,770	349	105	1,340	5,000	Rubber Lip	DGBB	1.56
NCIRE-4.00	3,624	2,136	1,563	534	2,960	518	155	900	3,450	Rubber Lip	DGBB	1.76
NCIRE-4.00E	5,390	3,507	2,407	877	6,450	518	155	1,340	2,250	Rubber Lip	DGBB	2.37
NCIRE-5.00	5,390	3,507	2,407	877	6,540	701	210	1,340	2,250	Rubber Lip	DGBB	2.87