

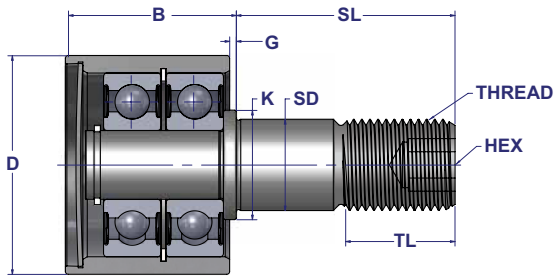
RBC Track Runners

Heavy-Duty Stud-Type Track Rollers

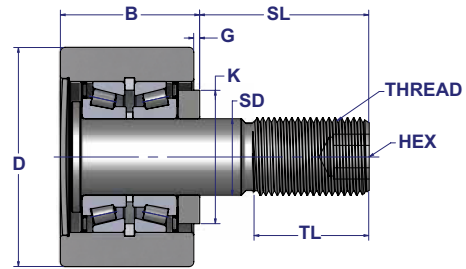


Smoother. Faster. Longer.
Because That's How We Roll.

RBC Track Runner – Plain Track Rollers



Ball Bearing (BB) Style

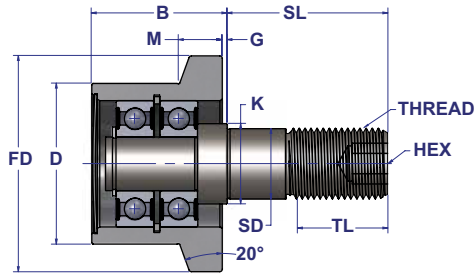


Tapered Roller Bearing (TRB) Style

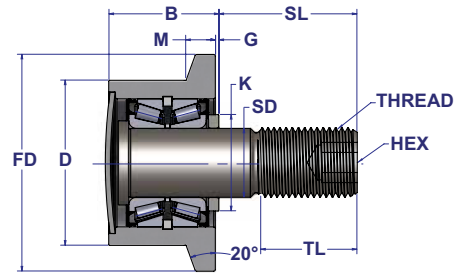
RBC PART NUMBER	BEARING Ball (BB) or Tapered Roller (TRB)	ROLLER		Shank Dia. +.000 -.001	Shank Length	STUD			SHOULDER		CAPACITIES		
		Outside Dia. +.000 -.001	Width			Min. Eff. Thread Length	Thread Class	Dia.	Length	Dynamic Radial Load lbs	Static Thrust Load lbs	Static Radial Load lbs	
													D
PTR 1	BB	1.000	0.781	0.437	1.000	0.500	7/16-20	3/16	0.500	0.031	630	140	230
PTR 1 1/8	BB	1.125	0.781	0.437	1.000	0.500	7/16-20	3/16	0.500	0.031	630	140	230
PTR 1 1/4	BB	1.250	0.844	0.500	1.250	0.625	1/2-20	3/16	0.625	0.031	1,350	370	600
PTR 1 3/8	BB	1.375	0.844	0.500	1.250	0.625	1/2-20	3/16	0.625	0.031	1,350	370	600
PTR 1 1/2	BB	1.500	1.187	0.625	1.500	0.750	5/8-18	5/16	0.750	0.062	2,760	680	1,100
PTR 1 3/4	BB	1.750	1.187	0.750	1.750	0.875	3/4-16	5/16	1.000	0.062	2,760	680	1,100
PTR 2	BB	2.000	1.687	0.875	2.000	1.125	7/8-14	5/16	1.000	0.062	3,830	1,000	1,620
PTR 2 1/4	BB	2.250	1.687	0.875	2.000	1.125	7/8-14	5/16	1.000	0.062	3,830	1,000	1,620
PTR 2 1/2	BB	2.500	1.687	1.000	2.250	1.500	1-14	1/2	1.250	0.062	5,190	1,400	2,270
PTR 2 3/4	BB	2.750	1.687	1.000	2.250	1.500	1-14	1/2	1.250	0.062	5,190	1,400	2,270
PTR 3	TRB	3.000	2.000	1.250	2.500	1.750	1 1/4-12	1/2	1.750	0.062	14,270	12,000	20,000
PTR 3 1/4	TRB	3.250	2.000	1.250	2.500	1.750	1 1/4-12	1/2	1.750	0.062	14,270	12,000	20,000
PTR 3 1/2	TRB	3.500	2.000	1.250	2.750	1.750	1 1/4-12	1/2	1.750	0.062	14,270	12,000	20,000
PTR 4	TRB	4.000	2.000	1.250	2.750	1.750	1 1/4-12	1/2	1.750	0.062	14,270	12,000	20,000
PTR 4 1/2	TRB	4.500	2.000	1.250	2.750	1.750	1 1/4-12	1/2	1.750	0.062	14,270	12,000	20,000
PTR 5	TRB	5.000	3.000	2.000	4.500	2.500	2-12	5/8	3.250	0.062	33,290	32,500	51,900
PTR 6	TRB	6.000	3.000	2.500	5.500	3.250	2 1/2-12	5/8	3.250	0.062	35,840	33,100	56,400
PTR 7	TRB	7.000	3.000	2.500	5.500	3.250	2 1/2-12	5/8	3.250	0.062	35,840	33,100	56,400
PTR 8	TRB	8.000	3.000	2.500	5.500	3.250	2 1/2-12	5/8	3.250	0.062	35,840	33,100	56,400
PTR 10	TRB	10.000	5.000	2.500	5.500	3.250	2 1/2-12	5/8	3.250	0.062	35,840	33,100	56,400

Style - Straight OD	RBC Part Number	Osborn Part Number	McGill Part Number
	PTR 1 1/2	PLR 1-1/2	PCF 1-1/2
	PTR 1 3/4	PLR 1-3/4	PCF 1-3/4
	PTR 2	PLR 2	PCF 2
	PTR 2 1/4	PLR 2-1/4	PCF 2-1/4
	PTR 2 1/2	PLR 2-1/2	PCF 2-1/2
	PTR 3	PLR 3	PCF 3
	PTR 3 1/4	PLR 3-1/4	PCF 3-1/4
	PTR 3 1/2	PLR 3-1/2	PCF 3-1/2
	PTR 4	PLR 4	PCF 4
	PTR 4 1/2	PLR 4-1/2	PCF 4-1/2
	PTR 5	PLR 5	PCF 5
	PTR 6	PLR 6	PCF 6
	PTR 7	PLR 7	PCF 7
	PTR 8	PLR 8	PCF 8

RBC Track Runner – Flanged Track Rollers



Ball Bearing (BB) Style



Tapered Roller Bearing (TRB) Style

RBC PART NUMBER	BEARING Ball (BB) or Tapered Roller (TRB)	ROLLER		Shank Dia., +.000 -.001	STUD			SHOULDER		FLANGE		CAPACITIES			
		Outside Dia.	Width		Shank Length,	Min. Eff. Thread Length,	Thread Class	Di.	Length	Thickness	Di.	Dynamic Radial Load lbs	Static Thrust Load lbs	Static Radial Load lbs	
		D	B	SD	SL	TL	2A	HEX	K	G	M	FD			
FTR 1	BB	1.000	0.781	0.437	1.000	0.500	7/16-20	3/16	0.500	0.031	0.219	1.375	630	140	230
FTR 1 1/8	BB	1.125	0.781	0.437	1.000	0.500	7/16-20	3/16	0.500	0.031	0.219	1.500	630	140	230
FTR 1 1/4	BB	1.250	0.844	0.500	1.250	0.625	1/2-20	3/16	0.625	0.031	0.219	1.563	1,350	370	600
FTR 1 3/8	BB	1.375	0.844	0.500	1.250	0.625	1/2-20	3/16	0.625	0.031	0.219	1.688	1,350	370	600
FTR 1 1/2	BB	1.500	1.188	0.625	1.500	0.750	5/8-18	5/16	0.750	0.062	0.343	2.188	2,760	680	1,100
FTR 1 3/4	BB	1.750	1.188	0.750	1.750	0.875	3/4-16	5/16	1.000	0.062	0.343	2.438	2,760	680	1,100
FTR 2	BB	2.000	1.688	0.875	2.000	1.125	7/8-14	5/16	1.000	0.062	0.593	2.688	3,830	1,000	1,620
FTR 2 1/4	BB	2.250	1.688	0.875	2.000	1.125	7/8-14	5/16	1.000	0.062	0.593	2.938	3,830	1,000	1,620
FTR 2 1/2	BB	2.500	1.688	1.000	2.250	1.500	1-14	1/2	1.250	0.062	0.593	3.188	5,190	1,400	2,270
FTR 2 3/4	BB	2.750	1.688	1.000	2.250	1.500	1-14	1/2	1.250	0.062	0.593	3.438	5,190	1,400	2,270
FTR 3	TRB	3.000	2.000	1.250	2.500	1.750	1 1/4-12	1/2	1.750	0.062	0.593	3.938	14,270	12,000	20,000
FTR 3 1/4	TRB	3.250	2.000	1.250	2.500	1.750	1 1/4-12	1/2	1.750	0.062	0.593	4.188	14,270	12,000	20,000
FTR 3 1/2	TRB	3.500	2.000	1.250	2.750	1.750	1 1/4-12	1/2	1.750	0.062	0.593	4.438	14,270	12,000	20,000
FTR 4	TRB	4.000	2.000	1.250	2.750	1.750	1 1/4-12	1/2	1.750	0.062	0.593	4.938	14,270	12,000	20,000
FTR 4 1/2	TRB	4.500	2.000	1.250	2.750	1.750	1 1/4-12	1/2	1.750	0.062	0.593	5.438	14,270	12,000	20,000
FTR 5	TRB	5.000	3.000	2.000	4.500	2.500	2-12	5/8	3.250	0.062	0.718	5.938	33,290	32,500	51,900
FTR 6	TRB	6.000	3.000	2.500	5.500	3.250	2 1/2-12	5/8	3.250	0.062	0.718	6.938	35,840	33,100	56,400
FTR 7	TRB	7.000	3.000	2.500	5.500	3.250	2 1/2-12	5/8	3.250	0.062	0.718	7.938	35,840	33,100	56,400
FTR 8	TRB	8.000	3.000	2.500	5.500	3.250	2 1/2-12	5/8	3.250	0.062	0.718	8.938	35,840	33,100	56,400

Style - Flanged OD	RBC Part Number	Osborn Part Number	McGill Part Number
	FTR 1 1/2	FLR 1-1/2	FCF 1-1/2
	FTR 1 3/4	FLR 1-3/4	FCF 1-3/4
	FTR 2	FLR 2	FCF 2
	FTR 2 1/4	FLR 2-1/4	FCF 2-1/4
	FTR 2 1/2	FLR 2-1/2	FCF 2-1/2
	FTR 3	FLR 3	FCF 3
	FTR 3 1/4	FLR 3-1/4	FCF 3-1/4
	FTR 3 1/2	FLR 3-1/2	FCF 3-1/2
FTR 4	FLR 4	FCF 4	
FTR 4 1/2	FLR 4-1/2	FCF 4-1/2	
FTR 5	FLR 5	FCF 5	
FTR 6	FLR 6	FCF 6	
FTR 7	FLR 7	FCF 7	
FTR 8	FLR 8	FCF 8	

RBC has been producing bearings in the USA since 1919. In addition to unique custom bearings, RBC offers a full line of standard industrial and aerospace bearings, including:



Tapered Roller Thrust Bearings

Case-hardened tapered roller thrust bearings for oilfield top drives and swivels. Available in full complement, maximum capacity versions.



Thin Section Ball Bearings

Standard cross sections to one inch. Bore sizes to 40 inches. Stainless steel and other materials are available. Seals are available on all sizes and standard cross sections. Super duplex configurations.



Cam Followers

Standard stud, heavy stud, yoke type, caged roller followers. Patented **RBC Roller**® cylindrical roller cam followers, **HexLube**® universal cam followers, airframe track rollers.



Cylindrical Roller Bearings

Cylindrical roller bearings designed for mud pump pinion and eccentric positions. Fully interchangeable to industry standards.



Needle Roller Bearings

Pitchline® caged heavy duty needle roller bearings ideal for cross head bearings applications. These double row bearings are available in single row and **Tandem Roller**® versions.



Commercial Rod Ends

Commercial and industrial, precision, Mil-Spec series, self-lubricating, and aircraft. Sold under the **Heim**®, **Unibal**®, and **Spherco**® names. Available in inch and metric sizes.



Spherical Plain Bearings

Radial, angular contact, extended inner ring, high misalignment. **QuadLube**®, **ImpactTuff**®, **SpreadLock**® Seal, **CrossLube**®, **DuraLube**™, and self-lubricating bearings. Available in inch and metric sizes.



Tapered Roller Bearings

Single, double, & multi row versions available for main bearing positions in mud pumps, gear boxes, etc. Bearings are constructed of case hardened steel washers and rollers with bore size of 11" or greater.



TP Series Bearings

RBC's TP Series cylindrical roller thrust bearings ideal for crane hooks, oil well swivels, winch systems, and gear boxes. Fully interchangeable with industry standard offering.



Keyless Locking Devices

Mechanical bushings used to connect power transmission components onto rotating shafts. Without the use of keyways, KLDs eliminate the problems associated with backlash including fretting, corroding, and wallowing.



Lubron™ Bearings

Lubron™ self-lubricating bearings designed and custom manufactured in most any size, material and bearing configuration. Applications include hydro power and water control, nuclear power generation, infrastructure, architecture, offshore marine, industrial, machinery and heavy equipment.



Shaft Collars

Used to position or locate a component on a shaft. Made from mild steel, type 303 or 316 stainless steel, aluminum, or acetal. Available in inch and metric sizes.



Self-Lubricating Bearings

Radial, thrust, rod ends, spherical bearings, high temperature, high loads. Available in inch and metric sizes. **Fiberglide**® self-lubricating bearings.



Specials

RBC manufactures many specialty bearings for the aerospace, oil and energy, semiconductor equipment, packaging, transportation, and other industries.



Ball Bearings

Precision ground, semiground, unground. High loads, long life, smooth operation. **Nice**® branded products are offered in caged and full complement configurations.



Rigid Couplings

Shaft couplings serve as components to time, join, or align shafts at lower speeds and torque, especially when zero backlash is desired. Made from mild steel with a black oxide finish type 303 stainless steel, or aluminum. Available in inch and metric sizes.



PIC Design®

Complete line of precision gears, precision hardware, timing belts, pulleys, and linear motion systems. Industries served include industrial, aerospace, defense, medical, robotics and automation, material handling, and assembly. Custom design support for unique applications.