

Metric Series Cam Followers

The Superior Advantage

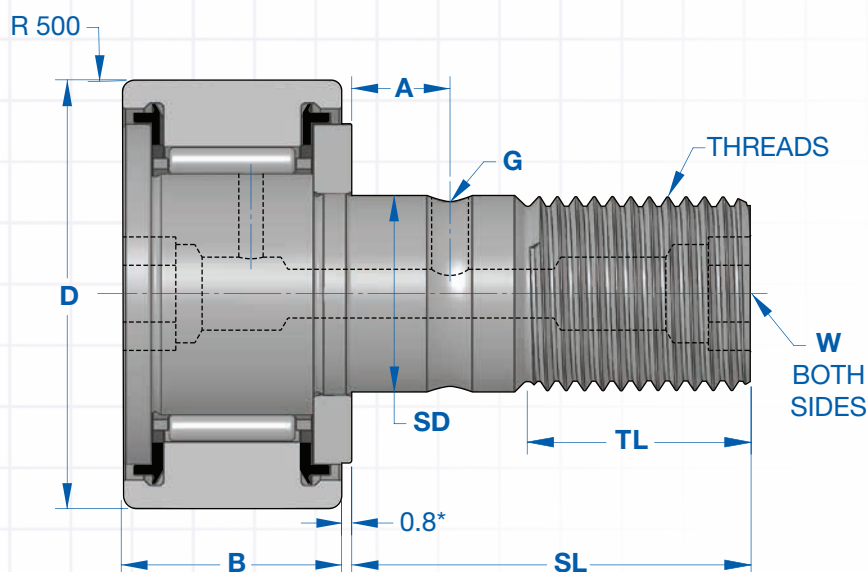


RBC Metric Series Cam Followers with patented TJ TandemRoller[®] pocket design offer a higher load capacity and longer fatigue life.

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

Metric Series Cam Followers

CFM Series



*0.6 for sizes CFM19 and CFM22.

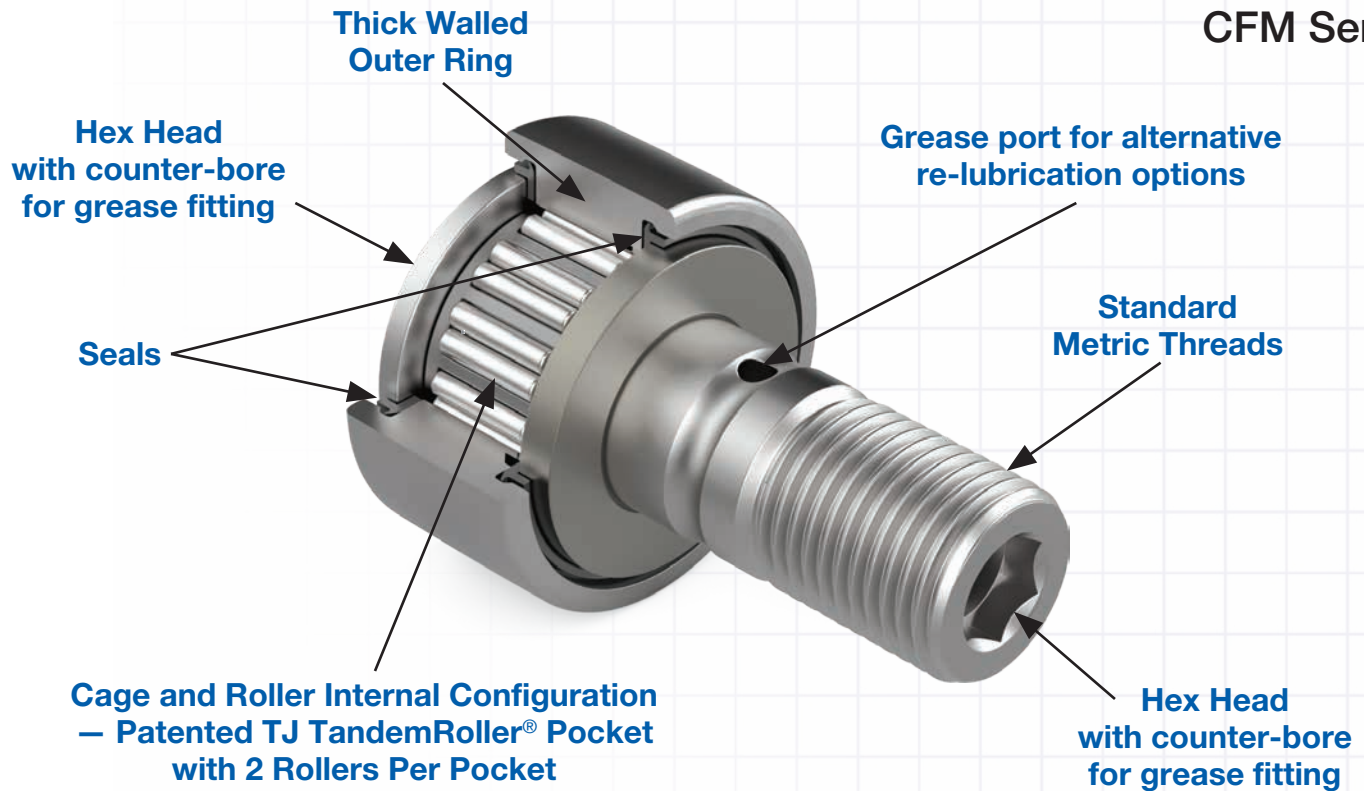
PART NUMBERS			Roller		Stud				Dimensions				
RBC Part #	INA Reference Part #	McGill Reference Part #	D +0 / -0.05	B +0 / -0.12	SD +0 / -0.15	SD +0 / -0.18	SL Shank Length	TL Eff. Thread Length	Thread	Approx. Weight g	A Loc.	G Dia.	W Socket Head Wrench Size
CFM19	KR19PP	MCFR19SB	19	11	8	-	20	10	M8 x 1.25	29	-	-	-
CFM22	KR22PP	MCFR22SB	22	12	10	-	23	12	M10 x 1	42	-	-	5
CFM26	KR26PP	MCFR26SB	26	12	10	-	23	12	M10 x 1	57	-	-	5
CFM30	KR30PP	MCFR30SB	30	14	-	12	25	13	M12 x 1.5	86	6	3	6
CFM35	KR35PP	MCFR35SB	35	18	-	16	32.5	17	M16 x 1.5	166	8	3	8

PART NUMBERS			Capacities					Dimensions		
RBC Part #	INA Reference Part #	McGill Part #	Speed rpm	Dynamic Capacities N	Static Capacities N	Max. Allow Load N	Track Capacity @ 40 Rc N	Max. Clamping Torque Nm	Housing Bore Tolerance H7	Min. Housing OD
CFM19	KR19PP	MCFR19SB	10,000	5,300	6,200	4,500	5,100	8	0 / +0.015	14
CFM22	KR22PP	MCFR22SB	8,500	6,200	7,100	5,200	5,200	15	0 / +0.015	17
CFM26	KR26PP	MCFR26SB	8,500	6,200	7,100	5,200	6,100	15	0 / +0.015	17
CFM30	KR30PP	MCFR30SB	6,800	8,000	9,300	11,500	7,800	22	0 / +0.018	23
CFM35	KR35PP	MCFR35SB	5,000	13,300	19,500	12,500	12,500	50	0 / +0.018	27

Note: Each part is supplied with 2 Jam Nuts and 2 loose grease fittings.
All dimensions are in mm.

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CFM Series



Features	Benefits
Cage and Roller Internal Configuration with Seals	<ul style="list-style-type: none"> • Superior roller guidance over the full complement • Reduces roller skewing and heat generation • Lower operating temperatures • Higher limiting speed capability • Longer grease life
TJ TandemRoller® Pocket - Two Rollers per Pocket	<ul style="list-style-type: none"> • Developed by RBC in 1965 • Offers 10% to 40% greater load capacity • 37% to 200% greater fatigue life than equivalent sized single roller per pocket designs
Grease Fittings	<ul style="list-style-type: none"> • Different re-lubrication options • Head end lubrication of the stud • Thread end lubrication of the stud • Lubrication via the shank/stud O.D.
Thick Walled Outer Ring	<ul style="list-style-type: none"> • Resistant to high static and impact loads • Crowned to reduce edge loading

RBC Bearings® has been producing bearings in the USA since 1919. In addition to unique custom bearings, RBC Bearings® 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.



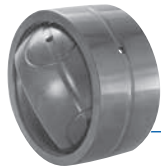
Needle Roller Bearings

Pitchline® caged heavy duty needle roller bearings ideal for cross head bearings applications. These double row bearings are available in single row and TandemRoller® 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 Bearings® 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.



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.



Specials

RBC Bearings® 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.



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.

