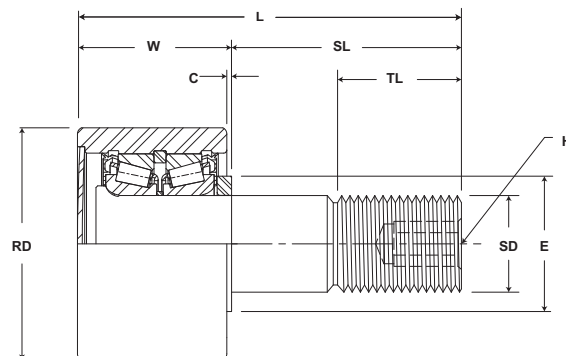


McGILL® TRAKROL Cam Follower Bearings



- Basic Construction Type:** Stud Type Cylindrical Outside Diameter
- Rolling Elements:** Ball or Tapered Roller Bearing Insert
- Bearing Material:** Bearing Quality Steel
- Seal Type:** Metal Extension Plug and Rubber Lip Seal. Ball Bearing has Additional NYLAPLATE Seal
- Lubrication:** Polyurea Thickened Grease NLGI #2
- Stem Configuration:** Concentric / Eccentric
- Mounting Feature:** Hex Hole on Thread Face



PCF

Part No.	Insert Type	RD	W	SD		SL	C	TL	L	Track Roller Dynamic Rating	Track Roller Dynamic Thrust Rating*	Track Roller Static Rating
With LUBRI-DISC Seals	Ball or Tapered Roller Bearing	Roller Diameter	Roller Width	Stud Diameter		Stud Length	Endplate Extension	Thread Length	Length Overall	lb/N	lb/N	lb/N
		inch mm	inch mm	inch mm		inch mm	inch mm	inch mm	inch mm			
		(Ref)	(Ref)	Nom	Tol	(Ref)	(Ref)	Min	(Ref)			
PCF 1 1/2	BB	1.50	1.19	.625	+0 / -0.001	1.500	.06	.75	2.69	2,520	1,320	1,370
PCFE 1 1/2		38.1	30.2	15.9	+0 / - 0.03	38.10	1.6	19.1	68.3	11,209	5,871	6,094
PCF 1 3/4	BB	1.75	1.19	.750	+0 / -0.001	1.750	.06	.88	2.94	2,520	1,320	1,370
PCFE 1 3/4		44.5	30.2	19.1	+0 / - 0.03	44.45	1.6	22.2	74.6	11,209	5,871	6,094
PCF 2	BB	2.00	1.69	.875	+0 / -0.001	2.000	.06	1.13	3.69	3,490	1,830	2,000
PCFE 2		50.8	42.9	22.2	+0 / - 0.03	50.80	1.6	28.6	93.7	15,524	8,140	8,896
PCF 2 1/4	BB	2.25	1.69	.875	+0 / -0.001	2.000	.06	1.13	3.69	3,490	1,830	2,000
PCFE 2 1/4		57.2	42.9	22.2	+0 / - 0.03	50.80	1.6	28.6	93.7	15,524	8,140	8,896
PCF 2 1/2	BB	2.50	1.69	1.00	+0 / -0.001	2.250	.06	1.50	3.94	5,120	2,680	3,120
PCFE 2 1/2		63.5	42.9	25.4	+0 / - 0.03	57.15	1.6	38.1	100.0	22,774	11,921	13,878
PCF 3	TRB	3.00	2.00	1.25	+0 / -0.001	2.500	.06	1.75	4.50	14,300	5,790	16,000
PCFE 3		76.2	50.8	31.8	+0 / - 0.03	63.50	1.6	44.5	114.3	63,606	25,754	71,168
PCF 3 1/4	TRB	3.25	2.00	1.25	+0 / -0.001	2.500	.06	1.75	4.50	14,300	5,790	16,000
PCFE 3 1/4		82.6	50.8	31.8	+0 / - 0.03	63.50	1.6	44.5	114.3	63,606	25,754	71,168
PCF 3 1/2	TRB	3.50	2.00	1.25	+0 / -0.001	2.750	.06	1.75	4.75	14,300	5,790	16,000
PCFE 3 1/2		88.9	50.8	31.8	+0 / - 0.03	69.85	1.6	44.5	120.7	63,606	25,754	71,168
PCF 4	TRB	4.00	2.00	1.25	+0 / -0.001	2.750	.06	1.75	4.75	14,300	5,790	16,000
PCFE 4		101.6	50.8	31.8	+0 / - 0.03	69.85	1.6	44.5	120.7	63,606	25,754	71,168
PCF 4 1/2	TRB	4.50	2.00	1.25	+0 / -0.001	2.750	.06	1.75	4.75	14,300	5,790	16,000
PCF 5		114.3	50.8	31.8	+0 / - 0.03	69.85	1.6	44.5	120.7	63,606	25,754	71,168
PCF 6	TRB	6.00	3.00	2.50	+0 / -0.001	5.500	.06	3.25	8.50	35,800	14,200	62,000
PCF 7		152.4	76.2	63.5	+0 / - 0.03	139.70	1.6	82.6	215.9	159,238	63,162	275,776
PCF 8	TRB	8.00	3.00	2.50	+0 / -0.001	5.500	.06	3.25	8.50	35,800	14,200	62,000
		203.2	76.2	63.5	+0 / - 0.03	139.70	1.6	82.6	215.9	159,238	63,162	275,776

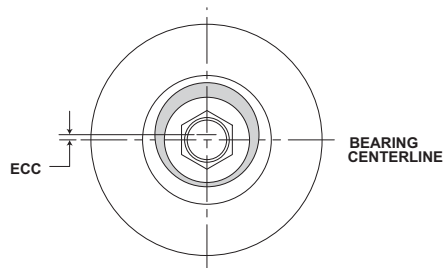
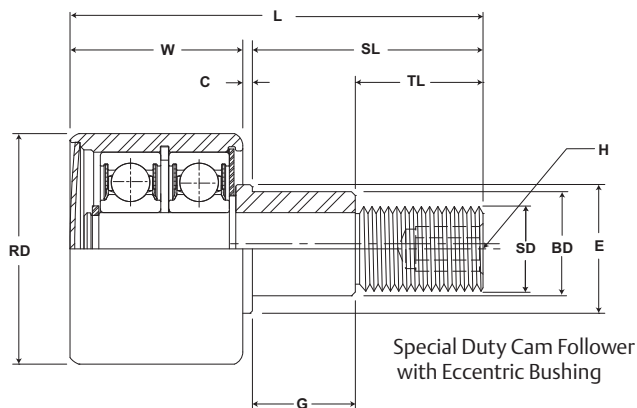
*Dynamic thrust load rating based on application of a centric, axial load. Fatigue life calculations for combined radial and thrust loading require special considerations and Application Engineering should be contacted.

Metric dimensions for reference only.

Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.

TRAKROL Cam Follower Bearings **MCGILL®**



PCF

Part No.	ECC	G	BD	H	E	Housing Bore Diameter		Thread Type	Clamping Torque	WT
With LUBRI-DISC Seals	Eccentric			Hex Hole	Min. Clamping Diameter				Clamping Torque	Bearing Weight
	Base Modifier PCFE-XX					inch mm	inch mm		in-lb Nm	lb kg
	inch mm	(Ref)	+0/- .010	±.001	(Ref)					
PCF 1 1/2	-	-	-	.2500 6.350	.75 19.1	.6260 15.900	±.001 ±.025	5/8-18	650 74	.51 .23
PCFE 1 1/2	.03 .8	.73 18.5	.875 22.2		1.13 28.6	.8780 22.301				
PCF 1 3/4	-	-	-	.2500 6.350	1.00 25.4	.7510 19.075	±.001 ±.025	3/4-16	1,250 142	.81 .37
PCFE 1 3/4	.03 .8	.86 21.7	1.000 25.4		1.25 31.8	1.0030 25.476				
PCF 2	-	-	-	.3750 9.525	1.00 25.4	.8760 22.250	±.001 ±.025	7/8-14	1,500 170	1.34 .61
PCFE 2	.03 .8	.98 24.9	1.187 30.1		1.50 38.1	1.1900 30.226				
PCF 2 1/4	-	-	-	.3750 9.525	1.00 25.4	.8760 22.250	±.001 ±.025	7/8-14	1,500 170	1.72 .78
PCFE 2 1/4	.03 .8	.98 24.9	1.187 30.1		1.50 38.1	1.1900 30.226				
PCF 2 1/2	-	-	-	.4375 11.113	1.25 31.8	1.0010 25.425	±.001 ±.025	1-14	2,240 254	2.12 .96
PCFE 2 1/2	.03 .8	.98 24.9	1.187 30.1		1.50 38.1	1.1900 30.226				
PCF 3	-	-	-	.4375 11.113	1.75 44.5	1.2510 31.775	±.001 ±.025	1 1/4-12	3,440 388	3.91 1.77
PCFE 3	.06 1.5	1.23 31.2	1.750 44.5		2.31 58.7	1.7530 44.526				
PCF 3 1/4	-	-	-	.4375 11.113	1.75 44.5	1.2510 31.775	±.001 ±.025	1 1/4-12	3,440 388	4.60 2.08
PCFE 3 1/4	.06 1.5	1.23 31.2	1.750 44.5		2.31 58.7	1.7530 44.526				
PCF 3 1/2	-	-	-	.4375 11.113	1.75 44.5	1.2510 31.775	±.001 ±.025	1 1/4-12	3,440 388	6.25 2.83
PCFE 3 1/2	.06 1.5	1.36 34.4	1.812 46.0		2.31 58.7	1.8150 46.101				
PCF 4	-	-	-	.4375 11.113	1.75 44.5	1.2510 31.775	±.001 ±.025	1 1/4-12	3,440 388	7.94 3.60
PCFE 4	.06 1.5	1.36 34.4	1.812 46.0		2.31 58.7	1.8150 46.101				
PCF 4 1/2	-	-	-	.4375 11.113	1.75 44.5	1.2510 31.775	±.001 ±.025	1 1/4-12	3,440 388	9.88 4.48
PCF 5	-	-	-		3.25 82.6	2.0010 50.825				
PCF 6	-	-	-	.8750 22.225	3.25 82.6	2.5010 63.525	±.001 ±.025	2 1/2-12	5,000 566	30.00 13.61
PCF 7	-	-	-		3.25 82.6	2.5010 63.525				
PCF 8	-	-	-	.8750 22.225	3.25 82.6	2.5010 63.525	±.001 ±.025	2 1/2-12	5,000 566	49.00 22.23

Clamping torque is based on dry threads. If threads are lubricated, use half of value shown.