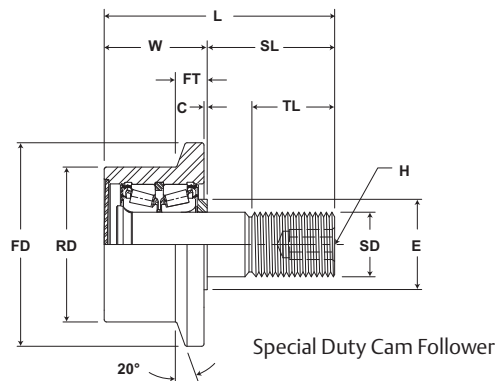


McGILL® TRAKROL Cam Follower Bearings



- Basic Construction Type:** Stud Type Flanged 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 with Additional NYLAPLATE Seal
- Lubrication:** Polyurea Thickened Grease NLGI #2
- Stem Configuration:** Concentric / Eccentric / Heavy Stud
- Mounting Feature:** Hex Hole on Thread Face



FCF

Part No.	Insert Type	RD	W	FD	FT	SD		SL	C	TL	L	Track Roller Dynamic Rating	Thrust Capacity	Track Roller Static Rating
With LUBRI-DISC Seals	Ball or Tapered Roller Bearing	Roller Diameter	Roller Width	Flange		Stud Diameter		Stud Length	Endplate Extension	Minimum Thread Length	Length Overall			
		inch mm	inch mm	Diameter	Width	Nom	Tol	inch mm	inch mm	inch mm	inch mm			
FCF 1 1/2 FCFE 1 1/2	BB	1.50 38.1	1.188 30.16	2.19 55.6	.34 8.7	.625 15.9	+0 / -0.001 +0 / - 0.03	1.50 38.1	.06 1.6	.75 19.1	2.69 68.3	2,520 11,209	1,320 5,871	1,370 6,094
FCF 1 3/4 FCFE 1 3/4	BB	1.75 44.5	1.188 30.16	2.44 61.9	.34 8.7	.750 19.1	+0 / -0.001 +0 / - 0.03	1.75 44.5	.06 1.6	.88 22.2	2.94 74.6	2,520 11,209	1,320 5,871	1,370 6,094
FCF 2 1/2 FCFE 2 1/2	BB	2.50 63.5	1.688 42.86	3.19 81.0	.59 15.1	1.00 25.4	+0 / -0.001 +0 / - 0.03	2.25 57.2	.06 1.6	1.50 38.1	3.94 100.0	5,120 22,774	2,680 11,921	3,120 13,878
FCF 2 3/4 FCFE 2 3/4	BB	2.75 69.9	1.688 42.86	3.44 87.3	.59 15.1	1.00 25.4	+0 / -0.001 +0 / - 0.03	2.25 57.2	.06 1.6	1.50 38.1	3.94 100.0	5,120 22,774	2,680 11,921	3,120 13,878
FCF 3 FCFE 3	TRB	3.00 76.2	2.000 50.80	3.94 100.0	.59 15.1	1.25 31.8	+0 / -0.001 +0 / - 0.03	2.50 63.5	.06 1.6	1.75 44.5	4.50 114.3	14,300 63,606	5,790 25,754	16,000 71,168
FCF 3 1/4 FCFE 3 1/4	TRB	3.25 82.6	2.000 50.80	4.19 106.4	.59 15.1	1.25 31.8	+0 / -0.001 +0 / - 0.03	2.50 63.5	.06 1.6	1.75 44.5	4.50 114.3	14,300 63,606	5,790 25,754	16,000 71,168
FCF 3 1/2 FCFE 3 1/2	TRB	3.50 88.9	2.000 50.80	4.44 112.7	.59 15.1	1.25 31.8	+0 / -0.001 +0 / - 0.03	2.75 69.9	.06 1.6	1.75 44.5	4.75 120.7	14,300 63,606	5,790 25,754	16,000 71,168
FCF 4 FCFE 4	TRB	4.00 101.6	2.000 50.80	4.94 125.4	.59 15.1	1.25 31.8	+0 / -0.001 +0 / - 0.03	2.75 69.9	.06 1.6	1.75 44.5	4.75 120.7	14,300 63,606	5,790 25,754	16,000 71,168
FCF 4 1/2	TRB	4.50 114.3	2.000 50.80	5.44 138.1	.59 15.1	1.25 31.8	+0 / -0.001 +0 / - 0.03	2.75 69.9	.06 1.6	1.75 44.5	4.75 120.7	14,300 63,606	5,790 25,754	16,000 71,168
FCF 5	TRB	5.00 127.0	3.000 76.20	5.94 150.8	.72 18.3	1.25 31.8	+0 / -0.001 +0 / - 0.03	4.50 114.3	.06 1.6	2.50 63.5	7.50 190.5	35,800 159,238	13,300 59,158	40,000 177,920
FCF 6	TRB	6.00 152.4	3.000 76.20	6.94 176.2	.72 18.3	2.50 63.5	+0 / -0.001 +0 / - 0.03	5.50 139.7	.06 1.6	3.25 82.6	8.50 215.9	35,800 159,238	14,200 63,162	62,000 275,776
FCF 7	TRB	7.00 177.8	3.000 76.20	7.94 201.6	.72 18.3	2.50 63.5	+0 / -0.001 +0 / - 0.03	5.50 139.7	.06 1.6	3.25 82.6	8.50 215.9	35,800 159,238	14,200 63,162	62,000 275,776
FCF 8	TRB	8.00 203.2	3.000 76.20	8.94 227.0	.72 18.3	2.50 63.5	+0 / -0.001 +0 / - 0.03	5.50 139.7	.06 1.6	3.25 82.6	8.50 215.9	35,800 159,238	14,200 63,162	62,000 275,776

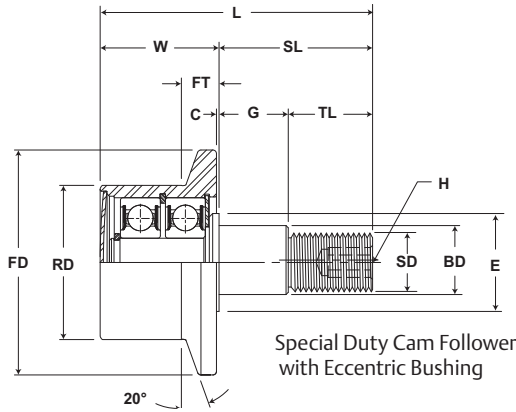
*Dynamic thrust load rating based on application of a centric, axial load. Fatigue life calculations for combined radial and thrust loading require special considerations and Application Engineering should be contacted.

Metric dimensions for reference only.

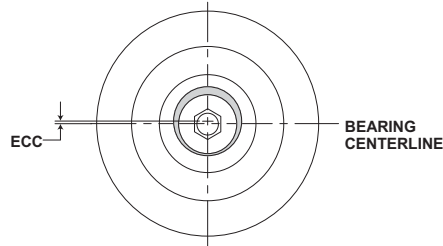
Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

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

TRAKROL Cam Follower Bearings **McGILL**



Special Duty Cam Follower with Eccentric Bushing



FCF

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					
	Base Modifier FCFE-XX									
	Inch mm			Inch mm		Inch mm		(Ref)	in-lb Nm	lb kg
	(Ref)	+0/-0.010	±.001	(Ref)	(Ref)	Nom.	Tol.			
FCF 1 1/2	-	-	-	.25 6.4	.75 19.1	.6260 15.900	±.0002 ±.005	5/8-18	650 74	.63 1.4
FCFE 1 1/2	.03 .8	.730 18.54	.875 22.23			.878 22.30	+0.001 +.025			
FCF 1 3/4	-	-	-	.25 6.4	1.00 25.4	.7510 19.075	±.0002 ±.005	3/4-16	1,250 142	1.00 .45
FCFE 1 3/4	.03 .8	0.855 21.72	1.000 25.40			1.003 25.47	+0.001 +.025			
FCF 2 1/2	-	-	-	.44 11.1	1.25 31.8	1.0010 25.425	±.0002 ±.005	1-14	2,240 254	2.75 1.25
FCFE 2 1/2	.03 .8	1.105 28.07	1.375 34.93			1.378 35.00	+0.001 +.025			
FCF 2 3/4	-	-	-	.44 11.1	1.25 31.8	1.0010 25.425	±.0002 ±.005	1-14	2,240 254	3.25 1.47
FCFE 2 3/4	.03 .8	1.105 28.07	1.375 34.93			1.378 35.00	+0.001 +.025			
FCF 3	-	-	-	.44 11.1	1.75 44.5	1.2510 31.775	±.0002 ±.005	1 1/4-12	3,440 388	4.69 2.13
FCFE 3	.06 1.5	1.230 31.24	1.750 44.45			1.753 44.52	+0.001 +.025			
FCF 3 1/4	-	-	-	.44 11.1	1.75 44.5	1.2510 31.775	±.0002 ±.005	1 1/4-12	3,440 388	5.42 2.46
FCFE 3 1/4	.06 1.5	1.230 31.24	1.750 44.45			1.753 44.52	+0.001 +.025			
FCF 3 1/2	-	-	-	.44 11.1	1.75 44.5	1.2510 31.775	±.0002 ±.005	1 1/4-12	3,440 388	6.25 2.83
FCFE 3 1/2	.06 1.5	1.355 34.42	1.812 46.02			1.815 46.10	+0.001 +.025			
FCF 4	-	-	-	.44 11.1	1.75 44.5	1.2510 31.775	±.0002 ±.005	1 1/4-12	3,440 388	7.94 3.60
FCFE 4	.06 1.5	1.355 34.42	1.812 46.02			1.815 46.10	+0.001 +.025			
FCF 4 1/2	-	-	-	.44 11.1	1.75 44.5	1.2510 31.775	±.0002 ±.005	1 1/4-12	3,440 388	9.88 4.48
FCF 5	-	-	-	.88 22.2	3.25 82.6	2.0010 50.825	±.0002 ±.005	2-12	5,000 566	18.50 8.39
FCF 6	-	-	-	.88 22.2	3.25 82.6	2.5010 63.525	±.0002 ±.005	2 1/2-12	5,000 566	30.00 13.61
FCF 7	-	-	-	.88 22.2	3.25 82.6	2.5010 63.525	±.0002 ±.005	2 1/2-12	5,000 566	38.00 17.24
FCF 8	-	-	-	.88 22.2	3.25 82.6	2.5010 63.525	±.0002 ±.005	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.