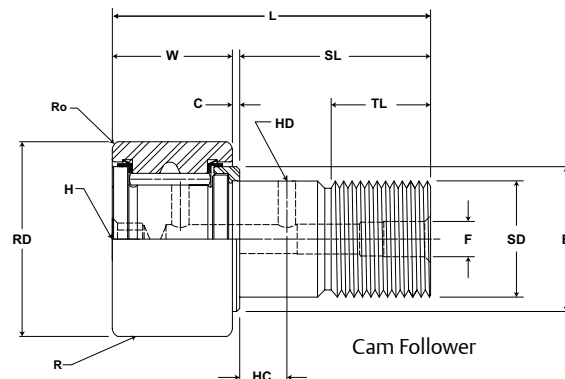


McGILL® Inch Cam Follower Bearings



- Basic Construction Type:** Stud Type Crowned / Cylindrical Outside Diameter
- Rolling Elements:** Full Complement Needle Roller
- Bearing Material:** Bearing Quality Steel
- Seal Type:** LUBRI-DISC®
- Lubrication:** Lithium Soap Grease NLGI #2
- System Configuration:** Concentric / Eccentric / Heavy Stud
- Mounting Feature:** Slot / Hex Hole



CF, CFE, CFH

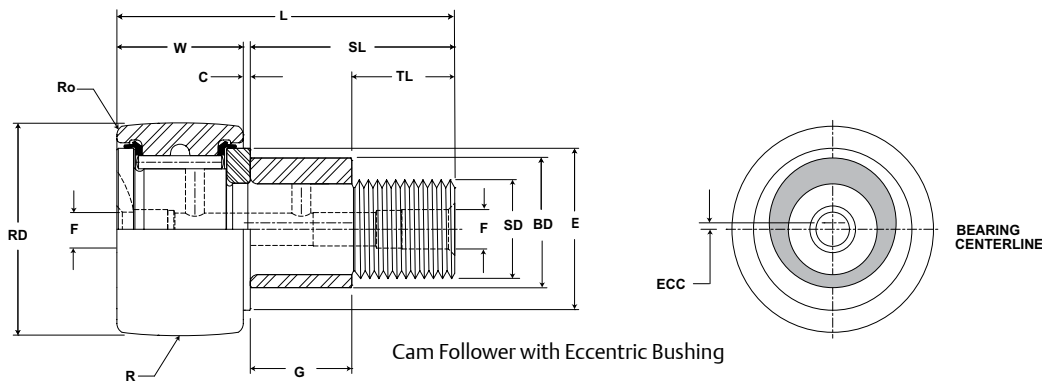
Part No.		RD		W		SD		SL	C	TL	L	R	ECC	G	BD	Track Roller Dynamic Rating	Track Roller Static Rating
W/O Seals	With LUBRI-DISC Seals	Roller Diameter		Roller Width		Stud Diameter		Stud Length	Endplate Extension	Min Thread Length	Length Overall	Crown	Eccentric				
		Prefix CCF-XX		Base Modifier CFE-XX													
		inch mm		inch mm		inch mm		inch mm		inch mm		inch mm					
		Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	(Ref)	(Ref)	(Ref)	(Ref)	Radius (Ref)	(Ref)	+0/- .010	±.001	lb/N	
CF 3	CF 3 S	3.000 76.20	+0/- .001 +0/- .03	1.750 44.45	+0 / -.005 +0 / -.13	1.250 31.75	+.001/-0 +.03/-0	2.50 63.5	.031 .8	1.25 31.75	4.28 108.7	Cylindrical	N/A	N/A	N/A	15,720 69,923	24,910 110,800 24,910 110,800
CF 3 B	CF 3 SB											30 762					
CCF 3	CCF 3 S											30 762					
CCF 3 B	CCF 3 SB											30 762					
CFE 3	CFE 3 S	3.000 76.20	+0/- .001 +0/- .03	1.750 44.45	+0 / -.005 +0 / -.13	1.250 31.75	+.001/-0 +.03/-0	2.50 63.5	.031 .8	1.25 31.75	4.28 108.7	Cylindrical	.060 .52	1.250 31.75	1.750 44.45	15,720 69,923	24,910 110,800 24,910 110,800
CFE 3 B	CFE 3 SB											30 762					
CCFE 3	CCFE 3 S											30 762					
CCFE 3 B	CCFE 3 SB											30 762					
CFH 3	CFH 3 S	3.000 76.20	+0/- .001 +0/- .03	1.750 44.45	+0 / -.005 +0 / -.13	1.500 38.10	+.001/-0 +.03/-0	2.50 63.5	.031 .8	1.25 31.75	4.28 108.7	Cylindrical	N/A	N/A	N/A	15,720 69,923	49,820 221,599
CFH 3 B	CFH 3 SB											30 762					
CCFH 3	CCFH 3 S											30 762					
CCFH 3 B	CCFH 3 SB											30 762					
CF 3 1/4	CF 3 1/4 S	3.250 82.55	+0/- .001 +0/- .03	1.750 44.45	+0 / -.005 +0 / -.13	1.250 31.75	+.001/-0 +.03/-0	2.50 63.5	.031 .8	1.25 31.75	4.28 108.7	Cylindrical	N/A	N/A	N/A	15,720 69,923	24,910 110,800
CF 3 1/4 B	CF 3 1/4 SB											30 762					
CCF 3 1/4	CCF 3 1/4 S											30 762					
CCF 3 1/4 B	CCF 3 1/4 SB											30 762					
CFE 3 1/4	CFE 3 1/4 S	3.250 82.55	+0/- .001 +0/- .03	1.750 44.45	+0 / -.005 +0 / -.13	1.250 31.75	+.001/-0 +.03/-0	2.50 63.5	.031 .8	1.25 31.75	4.28 108.7	Cylindrical	.060 .52	1.250 31.75	1.750 44.45	15,720 69,923	24,910 110,800
CFE 3 1/4 B	CFE 3 1/4 SB											30 762					
CCFE 3 1/4	CCFE 3 1/4 S											30 762					
CCFE 3 1/4 B	CCFE 3 1/4 SB											30 762					
CFH 3 1/4	CFH 3 1/4 S	3.250 82.55	+0/- .001 +0/- .03	1.750 44.45	+0 / -.005 +0 / -.13	1.500 38.10	+.001/-0 +.03/-0	2.50 63.5	.031 .8	1.25 31.75	4.28 108.7	Cylindrical	N/A	N/A	N/A	15,720 69,923	49,820 221,599
CFH 3 1/4 B	CFH 3 1/4 SB											30 762					
CCFH 3 1/4	CCFH 3 1/4 S											30 762					
CCFH 3 1/4 B	CCFH 3 1/4 SB											30 762					

Metric dimensions for reference only.
Hex wrench size for "Broached" version is located in the wrench size chart on page B-158.

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.

Inch Cam Follower Bearings **MCGILL®**



CF, CFE, CFH

Part No.		HC	HD	F	E	Ro	HBD		Thread Type	Clamping Torque	Limiting Speed (Grease)	WT					
W/O Seals	With LUBRI-DISC Seals	Hole Center	Radial Hole Diameter	Axial Hole Dia or Fitting	Min Boss Diameter	Outer Corner	Housing Bore Diameter					Bearing Weight					
		inch mm			inch mm		inch mm			lb kg							
		(Ref)	(Ref)	(Ref)	(Ref)	(Ref)	Nom.	Tol.									
CF 3	CF 3 S	.625 16	.125 3	.25 * 6	2.125 53.98	.125 3.18	1.2503 31.758	+.0002/- .0003 +.0005/- .0008	1 1/4-12	3,450 390	950	4.20 1.91					
CF 3 B	CF 3 SB					N/A											
CCF 3	CCF 3 S					.625 16	.125 3	.25 * 6					.125 3.18	1.753 44.52	+.001/- .001 +.025/- .025		
CCF 3 B	CCF 3 SB	N/A															
CFE 3	CFE 3 S	.625 16	.125 3	.25 * 6										.125 3.18	1.753 44.52	+.001/- .001 +.025/- .025	
CFE 3 B	CFE 3 SB					N/A											
CCFE 3	CCFE 3 S				.625 16	.125 3	.25 * 6	.125 3.18	1.5003 38.108	+.0002/- .0003 +.0005/- .0008							
CCFE 3 B	CCFE 3 SB	N/A															
CFH 3	CFH 3 S	.625 16	.125 3	.25 * 6					2.125 53.98	.125 3.18	1.5003 38.108	+.0002/- .0003 +.0005/- .0008	1 1/2-12	5,000 565	950	4.56 2.07	
CFH 3 B	CFH 3 SB				N/A												
CCFH 3	CCFH 3 S				.625 16	.125 3	.25 * 6	.125 3.18		1.753 44.52	+.001/- .001 +.025/- .025						
CCFH 3 B	CCFH 3 SB	N/A															
CF 3 1/4	CF 3 1/4 S	.625 16	.125 3	.25 * 6						2.125 53.98	.125 3.18	1.2503 31.758					+.0002/- .0003 +.0005/- .0008
CF 3 1/4 B	CF 3 1/4 SB				N/A												
CCF 3 1/4	CCF 3 1/4 S				.625 16	.125 3	.25 * 6	.125 3.18	1.753 44.52		+.001/- .001 +.025/- .025						
CCF 3 1/4 B	CCF 3 1/4 SB	N/A															
CFE 3 1/4	CFE 3 1/4 S	.625 16	.125 3	.25 * 6					.125 3.18		1.753 44.52	+.001/- .001 +.025/- .025					
CFE 3 1/4 B	CFE 3 1/4 SB				N/A												
CCFE 3 1/4	CCFE 3 1/4 S				.625 16	.125 3	.25 * 6	.125 3.18		1.5003 38.108	+.0002/- .0003 +.0005/- .0008						
CCFE 3 1/4 B	CCFE 3 1/4 SB	N/A															
CFH 3 1/4	CFH 3 1/4 S	.625 16	.125 3	.25 * 6					2.125 53.98	.125 3.18	1.5003 38.108	+.0002/- .0003 +.0005/- .0008	1 1/2-12	5,000 565	880	5.19 2.35	
CFH 3 1/4 B	CFH 3 1/4 SB				N/A												
CCFH 3 1/4	CCFH 3 1/4 S				.625 16	.125 3	.25 * 6	.125 3.18		1.753 44.52	+.001/- .001 +.025/- .025						
CCFH 3 1/4 B	CCFH 3 1/4 SB	N/A															

* Lubrication hole (F) at bottom of hex hole and 1/4 inch straight drive fitting will ball check supplied but not installed.
For positive clamping, use housing thickness equal to G dimension $\approx .010$ ".
Clamping torque is based on dry threads. If threads are lubricated, use half of value shown.
Hex wrench size for "Broached" version is located in the wrench size chart on page B-158.