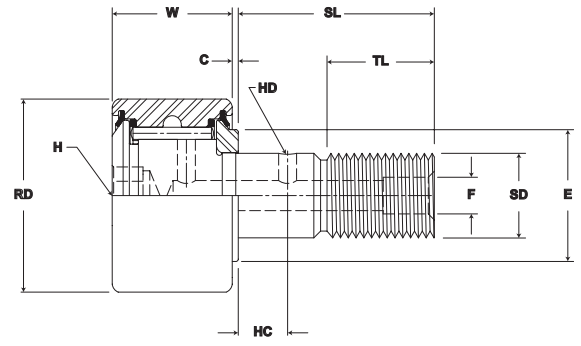


McGILL® CRES CAMROL Bearings

CRES Bearings



- Basic Construction Type:** Stud Type 400 Series Stainless Steel
- Rolling Elements:** Full Complement Needle 400 Series Corrosion Resistant Steel
- Seal Type:** LUBRI-DISC (7/8" & smaller)
LUBRI-DISC+ (1" & larger)
- Lubrication:** H1 Food Grade Grease
- System Configuration:** Concentric / Eccentric Stud
- Mounting Feature:** Hex Hole
- Dimensional Interchange:** Standard Camrol



CF-CR Series (continued)

Part No.	RD		W		SD		SL	C	TL	L	ECC	G	BD	Track Roller Dynamic Rating	Track Roller Static Rating
	Roller Diameter		Roller Width		Stud Diameter		Stud Length	Endplate Extension	Minimum Thread Length	Length Overall	Eccentric				
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	mm		
	Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	(Ref)	(Ref)	(Ref)	(Ref)	(Ref)	+0/-.001	±.001	lb/N	lb/N
CF 1 1/4 SB CR	1.250	+0/-.001	.750	+0/-.001	.500	+0/-.001	1.25	.03	.625	2.03	N/A	N/A	N/A	2,300	3,650
CFE 1 1/4 SB CR	31.75	+0/-.03	19.05	+0/-.03	12.70	+0/-.03	31.8	.8	15.9	51.6	.030	.625	.687		
CF 1 3/8 SB CR	1.375	+0/-.001	.750	+0/-.001	.500	+0/-.001	1.25	.03	.625	2.03	N/A	N/A	N/A	2,300	3,650
CFE 1 3/8 SB CR	34.93	+0/-.03	19.05	+0/-.03	12.70	+0/-.03	31.8	.8	15.9	51.6	.030	.625	.687		
CF 1 1/2 SB CR	1.500	+0/-.001	.875	+0/-.001	.625	+0/-.001	1.50	.03	.75	2.41	N/A	N/A	N/A	4,000	4,400
CFE 1 1/2 SB CR	38.10	+0/-.03	22.23	+0/-.03	15.88	+0/-.03	38.1	.8	19.1	61.1	.030	.75	.875		
CF 1 5/8 SB CR	1.625	+0/-.001	.875	+0/-.001	.625	+0/-.001	1.50	.03	.75	2.41	N/A	N/A	N/A	4,000	4,400
CFE 1 5/8 SB CR	41.28	+0/-.03	22.23	+0/-.03	15.88	+0/-.03	38.1	.8	19.1	61.1	.030	.75	.875		
CF 1 3/4 SB CR	1.750	+0/-.001	1.000	+0/-.001	.750	+0/-.001	1.75	.03	.875	2.78	N/A	N/A	N/A	6,000	5,550
CFE 1 3/4 SB CR	44.45	+0/-.03	25.40	+0/-.03	19.05	+0/-.03	44.5	.8	22.2	70.6	.030	.875	1		
CF 1 7/8 SB CR	1.875	+0/-.001	1.000	+0/-.001	.750	+0/-.001	1.75	.03	.875	2.78	N/A	N/A	N/A	6,000	5,550
CFE 1 7/8 SB CR	47.63	+0/-.03	25.40	+0/-.03	19.05	+0/-.03	44.5	.8	22.2	70.6	.030	.875	1		
CF 2 SB CR	2.000	+0/-.001	1.250	+0/-.001	.875	+0/-.001	2.00	.03	2.00	3.28	N/A	N/A	N/A	8,200	6,750
CFE 2 SB CR	50.80	+0/-.03	31.75	+0/-.03	22.23	+0/-.03	50.8	.8	50.8	83.3	.030	1	1.187		
CF 2 1/4 SB CR	2.250	+0/-.001	1.250	+0/-.001	.875	+0/-.001	2.00	.03	2.00	3.28	N/A	N/A	N/A	8,200	6,750
CFE 2 1/4 SB CR	57.15	+0/-.03	31.75	+0/-.03	22.23	+0/-.03	50.8	.8	50.8	83.3	.030	1	1.187		

Note:
 1. Clamping torque is based on lubricated threads. If threads are dry, double the value listed.
 2. Since load, lubrication method, temperature and other factors affect the maximum operating speed, it is impossible to determine precise limiting speeds. The listed limiting speeds are based on lightly loaded bearings having adequate lubrication and are listed only as a design guide. More frequent relubrication is required when operating at higher speeds. Actual bearing testing in the specific application should be conducted if the operating speed approaches the listed limiting speed.
 3. Use track roller dynamic load rating for life calculations. Maximum dynamic load should not exceed 50% of track roller dynamic load rating. If radial load and/or root mean load exceed 50% of track roller dynamic load rating, life calculations must be reviewed by Application Engineering. If dynamic loads exceed 25% of basic dynamic rating, consideration should be given to use of CYR CRES series CAMROL bearing. For more information please contact Application Engineering (800) 626-2093.
 4. The track roller static load rating is based on stud strength. Exceeding the static load rating may impair subsequent dynamic operation.