

McGILL® CRES CAMROL Bearings

CRES Bearings



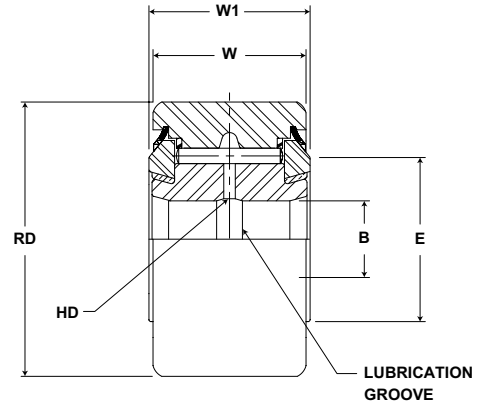
Basic Construction Type: Yoke Type 400 Series Stainless Steel

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

Dimensional Interchange: Standard CAMROL



CYR-CR Series

Part No.	RD		W		B		w1		Track Roller Dynamic Rating	Track Roller Static Rating
	Roller Diameter		Roller Width		Bore Diameter		Overall Width			
	inch	mm	inch	mm	inch	mm	inch	mm	lb/N	lb/N
CYR 3/4 S CR	.750 19.05	+0/-0.005 +0/-0.13	.500 12.70	+0/-0.005 +0/-0.13	.2500 6.35	+0.0002/-0.0004 +0.0002/-0.0004	.5625 14.28	+0.005/-0.001 +0.127/-0.254	1,490 6,675	2,100 9,400
CYR 7/8 S CR	.875 22.23	+0/-0.005 +0/-0.15	.500 12.70	+0/-0.005 +0/-0.15	.2500 6.35	+0.0002/-0.0004 +0.0002/-0.0004	.5625 14.28	+0.005/-0.001 +0.127/-0.254	1,490 6,675	2,100 9,400
CYR 1 S CR	1.000 25.40	+0/-0.005 +0/-0.17	.625 15.88	+0/-0.005 +0/-0.17	.3125 7.94	+0.0002/-0.0004 +0.0002/-0.0004	.6875 17.46	+0.005/-0.001 +0.127/-0.254	2,000 8,960	5,400 24,190
CYR 1 1/8 S CR	1.125 28.58	+0/-0.005 +0/-0.19	.625 15.88	+0/-0.005 +0/-0.19	.3125 7.94	+0.0002/-0.0004 +0.0002/-0.0004	.6875 17.46	+0.005/-0.001 +0.127/-0.254	2,000 8,960	5,400 24,190
CYR 1 1/4 S CR	1.250 31.75	+0/-0.005 +0/-0.21	.750 19.05	+0/-0.005 +0/-0.21	.3750 9.53	+0.0002/-0.0004 +0.0002/-0.0004	.8125 20.64	+0.005/-0.001 +0.127/-0.254	3,530 15,800	7,700 34,500
CYR 1 3/8 S CR	1.375 34.93	+0/-0.005 +0/-0.23	.750 19.05	+0/-0.005 +0/-0.23	.3750 9.53	+0.0002/-0.0004 +0.0002/-0.0004	.8125 20.64	+0.005/-0.001 +0.127/-0.254	3,530 15,800	7,700 34,500
CYR 1 1/2 S CR	1.500 38.10	+0/-0.005 +0/-0.25	.875 22.23	+0/-0.005 +0/-0.25	.4375 11.11	+0.0002/-0.0004 +0.0002/-0.0004	.9375 23.81	+0.005/-0.001 +0.127/-0.254	4,390 19,488	11,200 50,170
CYR 1 5/8 S CR	1.625 41.28	+0/-0.005 +0/-0.27	.875 22.23	+0/-0.005 +0/-0.27	.4375 11.11	+0.0002/-0.0004 +0.0002/-0.0004	.9375 23.81	+0.005/-0.001 +0.127/-0.254	4,390 19,488	11,200 50,170
CYR 1 3/4 S CR	1.750 44.45	+0/-0.005 +0/-0.29	1.000 25.40	+0/-0.005 +0/-0.29	.5000 12.70	+0.0002/-0.0004 +0.0002/-0.0004	1.0625 26.99	+0.005/-0.001 +0.127/-0.254	5,540 25,670	14,800 66,300
CYR 1 7/8 S CR	1.875 47.63	+0/-0.005 +0/-0.31	1.000 25.40	+0/-0.005 +0/-0.31	.5000 12.70	+0.0002/-0.0004 +0.0002/-0.0004	1.0625 26.99	+0.005/-0.001 +0.127/-0.254	5,540 25,670	14,800 66,300
CYR 2 S CR	2.000 50.80	+0/-0.005 +0/-0.33	1.250 31.75	+0/-0.005 +0/-0.33	.6250 15.88	+0.0002/-0.0004 +0.0002/-0.0004	1.3125 33.34	+0.005/-0.001 +0.127/-0.254	7,270 32,570	17,600 78,850
CYR 2 1/4 S CR	2.250 57.15	+0/-0.005 +0/-0.35	1.250 31.75	+0/-0.005 +0/-0.35	.6250 15.88	+0.0002/-0.0004 +0.0002/-0.0004	1.3125 33.34	+0.005/-0.001 +0.127/-0.254	7,270 32,570	17,600 78,850

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.



CYR-CR Series

Part No.	HC	E	Ro	Recommended Bore Diameters						Limiting Speed	WT
	Hole Center	Min. Clamping Diameter	Outer Corner Radius	Push Fit		Drive Fit		Press Fit			
	inch mm			inch mm		inch mm		inch mm			
	(Ref)	(Ref)	(Ref)	Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	lb/kg	
CYR 3/4 S CR	.25 6.4	.61 15.5	.02 .4	.2495 6.337	±.0002 ±.005	.2501 6.353	±.0002 ±.005	.2503 6.358	±.0002 ±.005	6,400	.06 .03
CYR 7/8 S CR	.25 6.4	.61 15.5	.02 .4	.2495 6.337	±.0002 ±.005	.2501 6.353	±.0002 ±.005	.2503 6.358	±.0002 ±.005	5,400	.08 .04
CYR 1 S CR	.25 6.4	.78 19.8	.03 .8	.3120 7.925	±.0002 ±.005	.3126 7.940	±.0002 ±.005	.3128 7.945	±.0002 ±.005	4,800	.15 .07
CYR 1 1/8 S CR	.25 6.4	.78 19.8	.03 .8	.3120 7.925	±.0002 ±.005	.3126 7.940	±.0002 ±.005	.3128 7.945	±.0002 ±.005	3,400	.17 .08
CYR 1 1/4 S CR	.31 7.9	.98 25.0	.03 .8	.3745 9.512	±.0002 ±.005	.3751 9.528	±.0002 ±.005	.3753 9.533	±.0002 ±.005	3,100	.24 .11
CYR 1 3/8 S CR	.31 7.9	.98 25.0	.05 1.2	.3745 9.512	±.0002 ±.005	.3751 9.528	±.0002 ±.005	.3753 9.533	±.0002 ±.005	2,800	.30 .14
CYR 1 1/2 S CR	.38 9.5	1.09 27.8	.06 1.6	.4370 11.100	±.0002 ±.005	.4376 11.115	±.0002 ±.005	.4378 11.120	±.0002 ±.005	2,500	.41 .19
CYR 1 5/8 S CR	.38 9.5	1.09 27.8	.06 1.6	.4370 11.100	±.0002 ±.005	.4376 11.115	±.0002 ±.005	.4378 11.120	±.0002 ±.005	2,350	.50 .23
CYR 1 3/4 S CR	.44 11.1	1.25 31.8	.06 1.6	.4995 12.687	±.0002 ±.005	.5001 12.703	±.0002 ±.005	.5005 12.713	±.0002 ±.005	2,200	.64 .29
CYR 1 7/8 S CR	.44 11.1	1.25 31.8	.06 1.6	.4995 12.687	±.0002 ±.005	.5001 12.703	±.0002 ±.005	.5005 12.713	±.0002 ±.005	2,000	.80 .36
CYR 2 S CR	.50 12.7	1.41 35.7	.09 2.4	.6245 15.862	±.0002 ±.005	.6251 15.878	±.0002 ±.005	.6245 15.862	±.0002 ±.005	1,400	1.05 .48
CYR 2 1/4 S CR	.50 12.7	1.41 35.7	.09 2.4	.6245 15.862	±.0002 ±.005	.6251 15.878	±.0002 ±.005	.6245 15.862	±.0002 ±.005	1,300	1.32 .59

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.