McGILL® Heavy Duty CAMROL Bearings

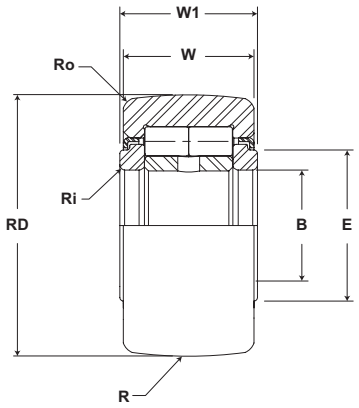
Basic Construction Type: Yoke Type Crowned / Cylindrical Outside Diameter

Rolling Elements: Full Complement Cylindrical Roller

Bearing Material: Bearing Quality Steel

Seal Type: Metallic Shield

Lubrication: Lithium Soap Grease NLGI #2



MCYRD

Part No.	RD		W		B		W1		R	Track Roller Dynamic Rating	Track Roller Static Rating
With Shields	Roller Diameter		Roller Width		Bore Diameter		Overall Width		Cylindrical Suffix MCF-X		
	mm inch		mm inch		mm inch		mm inch		mm inch	N/lb	N/lb
	Nom.	Tol.	Nom.	Tol.	Nom	Tol	Nom	Tol	Radius		
MCYRD 15	35.000 1.3780	+0/-.050 +0/-.002	18.00 .709	+0/.12 +0/-.005	15.000 .5906	+0/-.008 +0/-.0003	19.00 .748	+0/-0.21 +0/-0.0008	500 20	16,000 3,597	18,000 4,047
MCYRD 15 X		+0/-0.011 +0/- 0.0004							Cylindrical		
MCYRD 17	40.000 1.5748	+0/-.050 +0/-.002	20.00 .787	+0/.12 +0/-.009	17.000 .6693	+0/-.008 +0/-.0003	21.00 .827	+0/-0.21 +0/-0.0008	500 20	18,000 4,047	22,000 4,946
MCYRD 17 X		+0/-0.011 +0/- 0.0004							Cylindrical		
MCYRD 20	47.000 1.8504	+0/-.050 +0/-.002	24.00 .945	+0/.12 +0/-.013	20.000 .7874	+0/-.010 +0/-.0004	25.00 .984	+0/-0.21 +0/-0.0008	500 20	27,000 6,070	32,000 7,194
MCYRD 20 X		+0/-0.011 +0/- 0.0004							Cylindrical		
MCYRD 25	52.000 2.0472	+0/-.050 +0/-.002	24.00 .945	+0/.12 +0/-.017	25.000 .9843	+0/-.010 +0/-.0004	25.00 .984	+0/-0.21 +0/-0.0008	500 20	30,000 6,745	35,000 7,869
MCYRD 25 X		+0/-0.013 +0/- 0.0005							Cylindrical		
MCYRD 30	62.000 2.4409	+0/-.050 +0/-.002	28.00 1.102	+0/.12 +0/-.021	30.000 1.1811	+0/-.010 +0/-.0004	29.00 1.142	+0/-0.21 +0/-0.0008	500 20	41,000 9,218	47,000 10,567
MCYRD 30 X		+0/-0.013 +0/- 0.0005							Cylindrical		
MCYRD 35	72.000 2.8346	+0/-.050 +0/-.002	28.00 1.102	+0/.12 +0/-.025	35.000 1.3780	+0/-.012 +0/-.0005	29.00 1.142	+0/-0.21 +0/-0.0008	500 20	46,000 10,342	57,000 12,815
MCYRD 35 X		+0/-0.013 +0/- 0.0005							Cylindrical		
MCYRD 40	80.000 3.1496	+0/-.050 +0/-.002	30.00 1.181	+0/.12 +0/-.029	40.000 1.5748	+0/-.012 +0/-.0005	32.00 1.260	+0/-0.25 +0/-0.009	500 20	64,000 14,388	71,000 15,962
MCYRD 40 X		+0/-0.015 +0/- 0.0006							Cylindrical		
MCYRD 45	85.000 3.3465	+0/-.050 +0/-.002	30.00 1.181	+0/.12 +0/-.033	45.000 1.7717	+0/-.012 +0/-.0005	32.00 1.260	+0/-0.25 +0/-0.009	500 20	67,000 15,063	72,000 16,187
MCYRD 45 X		+0/-0.015 +0/- 0.0006							Cylindrical		
MCYRD 50	90.000 3.5433	+0/-.050 +0/-.002	30.00 1.181	+0/.12 +0/-.037	50.000 1.9685	+0/-.012 +0/-.0005	32.00 1.260	+0/-0.25 +0/-0.009	500 20	71,000 15,962	77,000 17,311
MCYRD 50 X		+0/-0.015 +0/- 0.0006							Cylindrical		

1. Standard bearing has a crowned roller outside diameter. For straight cylindrical outside roller diameter, add suffix "X". Example - MCYRD-15-X.

2. Since load, lubrication method, temperature and other factors affect the maximum operating speed, it is impossible to determine precise limiting speed. The listed limiting speeds are based on lightly loaded bearings having adequate lubrication and are listed only as a design guide. If grease lubricated, frequent relubrication is required. Actual bearing testing in the specific application should be conducted if the anticipated operating speed approaches the listed limiting speed.

3. Positive clamping across endplates required to ensure proper end play after mounting.

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.

MCYRD

E	Ro	Ri	LF	LFT	TF	TFT	LSD	WT
Min. Clamping Diameter	Outer Corner Radius	Inner Corner Radius	Recommended Shaft Diameters				Limiting Speed (Grease)	Bearing Weight
			Loose Fit		Light Fit			
mm inch		mm inch	mm inch		mm inch		RPM	kg lb
(Ref)	(Ref)	(Ref)	Nom	Tol	Nom	Tol		
20.00 .787	.60 .024	.30 .012	14.994 .5903	+0/-.011 +0/-.0004	15.000 .5906	+0/-.011 +0/-.0004	6,500	.10 .22
22.00 .866	1.00 .039	.30 .012	16.994 .6691	+0/-.011 +0/-.0004	17.000 .6693	+0/-.011 +0/-.0004	5,500	.15 .32
27.00 1.063	1.00 .039	.30 .012	19.993 .7871	+0/-.013 +0/-.0005	20.000 .7874	+0/-.013 +0/-.0005	4,200	.25 .54
31.00 1.220	1.00 .039	.30 .012	24.993 .9840	+0/-.013 +0/-.0005	25.000 .9843	+0/-.013 +0/-.0005	3,400	.28 .62
38.00 1.496	1.00 .039	.30 .012	29.993 1.1808	+0/-.013 +0/-.0005	30.000 1.1811	+0/-.013 +0/-.0005	2,600	.46 1.02
44.00 1.732	1.10 .043	.60 .024	34.991 1.3776	+0/-.016 +0/-.0006	35.000 1.3780	+0/-.016 +0/-.0006	2,100	.63 1.39
51.00 2.008	1.10 .043	.60 .024	39.991 1.5744	+0/-.016 +0/-.0006	40.000 1.5748	+0/-.016 +0/-.0006	1,600	.82 1.80
55.00 2.165	1.10 .043	.60 .024	44.991 1.7713	+0/-.016 +0/-.0006	45.000 1.7717	+0/-.016 +0/-.0006	1,400	.89 1.95
60.00 2.362	1.10 .043	.60 .024	45.991 1.8107	+0/-.016 +0/-.0006	50.000 1.9685	+0/-.016 +0/-.0006	1,300	.95 2.09