

MCYR

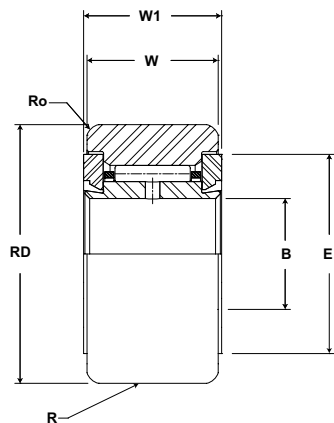
Part No.		RD		W		B		W1		R	Track Roller Dynamic Rating	Track Roller Static Rating
W/O Seals	With LUBRI-DISC Seals	Roller Diameter		Roller Width		Bore		Overall Width		Cylindrical Suffix MCYR-X	N/lb	N/lb
		mm inch		mm inch		mm inch		mm inch		mm inch		
		Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	(Ref)	(Ref)	Radius (Ref)		
MCYR 5	MCYR 5 S	16.000 .6299	0/-0.05 +0/-0.0002	11.00 .433	+0/- .12 +0/- .005	5.000 .1969	+0/- .008 +0/- .0003	12.000 .4724	+0/- .18 +0/- .007	500 20	5,790 1,302	6,900 1,551
MCYR 5 X	MCYR 5 SX		+0/- .008 +0/- .0003							Cylindrical	3,430 771	3,380 760
MCYRR 5	MCYRR 5 S		0/-0.05 +0/-0.0002									
MCYRR 5 X	MCYRR 5 SX		+0/- .008 +0/- .0003									
MCYR 6	MCYR 6 S	19.000 .7480	0/-0.05 +0/-0.0002	11.00 .433	+0/- .12 +0/- .009	6.000 .2362	+0/- .008 +0/- .0003	12.000 .4724	+0/- .18 +0/- .007	500 20	6,670 1,500	8,760 1,969
MCYR 6 X	MCYR 6 SX		+0/- .009 +0/- .0004							Cylindrical	3,730 839	4,090 920
MCYRR 6	MCYRR 6 S		0/-0.05 +0/-0.0002									
MCYRR 6 X	MCYRR 6 SX		+0/- .009 +0/- .0004									
MCYR 8	MCYR 8 S	24.000 0.9449	0/-0.05 +0/-0.0002	14.00 .551	+0/- .12 +0/- .013	8.000 .3150	+0/- .008 +0/- .0003	15.000 .5906	+0/- .18 +0/- .007	500 20	9,610 2,161	12,600 2,833
MCYR 8 X	MCYR 8 SX		+0/- .009 +0/- .0004							Cylindrical	5,690 1,279	6,450 1,450
MCYRR 8	MCYRR 8 S		0/-0.05 +0/-0.0002									
MCYRR 8 X	MCYRR 8 SX		+0/- .009 +0/- .0004									
MCYR 10	MCYR 10 S	30.000 1.1811	0/-0.05 +0/-0.0002	14.00 .551	+0/- .12 +0/- .017	10.000 .3937	+0/- .008 +0/- .0003	15.000 .5906	+0/- .18 +0/- .007	500 20	11,080 2,491	15,300 3,440
MCYR 10 X	MCYR 10 SX		+0/- .009 +0/- .0004							Cylindrical	6,860 1,542	8,050 1,810
MCYRR 10	MCYRR 10 S		0/-0.05 +0/-0.0002									
MCYRR 10 X	MCYRR 10 SX		+0/- .009 +0/- .0004									
MCYR 12	MCYR 12 S	32.000 1.2598	0/-0.05 +0/-0.0002	14.00 .551	+0/- .12 +0/- .021	12.000 .4724	+0/- .008 +0/- .0003	15.000 .5906	+0/- .18 +0/- .007	500 20	12,060 2,711	17,400 3,912
MCYR 12 X	MCYR 12 SX		+0/- .011 +0/- .0004							Cylindrical	1,260 283	9,120 2,050
MCYRR 12	MCYRR 12 S		0/-0.05 +0/-0.0002									
MCYRR 12 X	MCYRR 12 SX		+0/- .011 +0/- .0004									
MCYR 15	MCYR 15 S	35.000 1.3780	0/-0.05 +0/-0.0002	18.00 .709	+0/- .12 +0/- .025	15.000 .5906	+0/- .008 +0/- .0003	19.000 .7480	+0/- .21 +0/- .008	500 20	16,970 3,815	28,500 6,407
MCYR 15 X	MCYR 15 SX		+0/- .011 +0/- .0004							Cylindrical	10,890 2,448	15,900 3,575
MCYRR 15	MCYRR 15 S		0/-0.05 +0/-0.0002									
MCYRR 15 X	MCYRR 15 SX		+0/- .011 +0/- .0004									
MCYR 17	MCYR 17 S	40.000 1.5748	0/-0.05 +0/-0.0002	20.00 .787	+0/- .12 +0/- .029	17.000 .6693	+0/- .008 +0/- .0003	21.000 .8268	+0/- .21 +0/- .008	500 20	19,420 4,366	32,200 7,239
MCYR 17 X	MCYR 17 SX		+0/- .011 +0/- .0004							Cylindrical	13,340 2,999	19,700 4,429
MCYRR 17	MCYRR 17 S		0/-0.05 +0/-0.0002									
MCYRR 17 X	MCYRR 17 SX		+0/- .011 +0/- .0004									

- Standard bearing has a crowned roller outside diameter. For straight cylindrical outside roller diameter, add suffix "X". Example - MCFR-35-X or MCF-35-SX.
- Clamping torque is based on dry threads. If threads are lubricated, use half of value shown.
- Static load rating is based on stud strength or on internal rolling element load distribution stresses.

Inch 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.



Metric Cam Yoke Roller
with Cylindrical O.D.

MCYR

Part No.		E	Ro	LF	LFT	TF	TFT	Limiting Speed	WT
W/O Seals	With LUBRI-DISC Seals	Min. Clamping Diameter	Outer Corner	Recommended Shaft Diameters					Bearing Weight
				Loose Fit (for light loads) g6		Light Fit (for medium loads) h6			
		mm inch	mm inch	mm inch	mm inch	RPM	kg lb		
(Ref)	(Ref)	Nom.	Tol.	Nom.	Tol.	Nom.	Tol.		
MCYR 5	MCYR 5 S	11 .4	.30 .012	4.996 .1967	+0/- .008 +0/- .0003	5.000 .1968	+0/- .0 +0/- .00	13,000	.01 .02
MCYR 5 X	MCYR 5 SX								
MCYRR 5	MCYRR 5 S							19,500	
MCYRR 5 X	MCYRR 5 SX								
MCYR 6	MCYR 6 S	13 .5	.30 .012	5.996 .2361	+0/- .008 +0/- .0003	6.000 .2362	+0/- .0 +0/- .00	10,500	.02 .04
MCYR 6 X	MCYR 6 SX								
MCYRR 6	MCYRR 6 S							15,500	
MCYRR 6 X	MCYRR 6 SX								
MCYR 8	MCYR 8 S	16 .6	.50 .020	7.995 .3148	+0/- .009 +0/- .0004	8.000 .3149	+0/- .0 +0/- .00	8,400	.04 .09
MCYR 8 X	MCYR 8 SX								
MCYRR 8	MCYRR 8 S							12,500	
MCYRR 8 X	MCYRR 8 SX								
MCYR 10	MCYR 10 S	19 .7	1.00 .039	9.995 .3935	+0/- .009 +0/- .0004	10.000 .3937	+0/- .0 +0/- .00	6,400	.06 .13
MCYR 10 X	MCYR 10 SX								
MCYRR 10	MCYRR 10 S							9,600	
MCYRR 10 X	MCYRR 10 SX								
MCYR 12	MCYR 12 S	21 .8	1.00 .039	11.994 .4722	+0/- .011 +0/- .0004	12.000 .4724	+0/- .0 +0/- .00	6,400	.07 .15
MCYR 12 X	MCYR 12 SX								
MCYRR 12	MCYRR 12 S							9,600	
MCYRR 12 X	MCYRR 12 SX								
MCYR 15	MCYR 15 S	24 0.9	1.00 .039	14.994 .5903	+0/- .011 +0/- .0004	15.000 .5905	+0/- .0 +0/- .00	4,200	.10 .22
MCYR 15 X	MCYR 15 SX								
MCYRR 15	MCYRR 15 S							6,300	
MCYRR 15 X	MCYRR 15 SX								
MCYR 17	MCYR 17 S	27 1.1	1.50 .059	16.994 .6691	+0/- .011 +0/- .0004	17.000 .6692	+0/- .0 +0/- .00	3,300	.15 .33
MCYR 17 X	MCYR 17 SX								
MCYRR 17	MCYRR 17 S							5,000	
MCYRR 17 X	MCYRR 17 SX								

For a tight fit and heavy loads, us ISO tolerance J6.