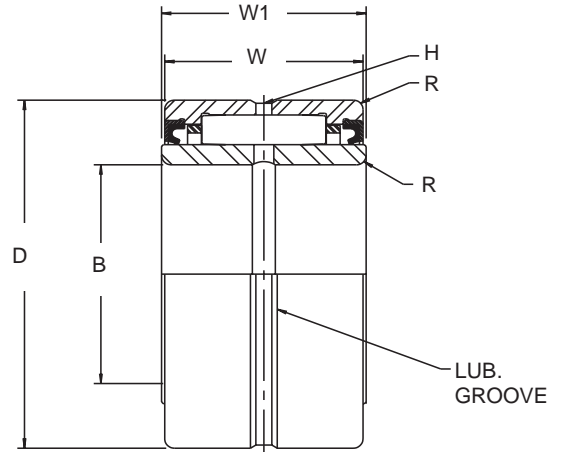


Outer ring and roller assembly with separable inner ring

Available in 5 seal combinations (see page 69 also)

For a complete bearing, specify both outer and inner, as each is packed and shipped separately. Consult McGill Engineering Department for additional information on CAGEROL® bearing sizes not listed as available with seals. The suffix "SS" indicates double seals with lips turned in (illustrated at right). This construction is most common and is intended primarily for lubrication retention. For other seal combinations, see page 69.



McGILL NUMBER outer ring & roller assy.	McGILL NUMBER inner ring only	B		D*		W	W1	H	R	SHAFT DIA.			HSG. BORE DIA.			STATIC LOAD RATING (LBS.)	BASIC DYNAMIC RATING (LBS.)		
		+0.000	TOL.	+0.000	TOL.	+0.000	+0.000	HOLE DIA.	MAX. FILLET for shaft & hsg.	ROTAT. SHAFT	TOL. +0.000	STAT. SHAFT	TOL. +0.000	ROTAT. HSG.	TOL. +0.000			STAT. HSG.	TOL. +0.000
MR-10-SS	MI-6	.3750		1.1250		1.000	1.010	5/64	.025	.3755		.3747		1.1247		1.1257		4300	4320
MR-12-SS	MI-8	.5000	-.0004	1.2500		1.000	1.010	5/64	.040	.5005		.4997		1.2497		1.2507		5400	4990
MR-14-SS	MI-10	.6250		1.3750		1.000	1.010	5/64	.040	.6255		.6247		1.3747		1.3757		6000	5280
MR-16-SS	MI-12 MI-13	.7500 .8125		1.5000 1.5000	-.0005	1.000 1.000	1.010 1.010	5/64	.040	.7505 .8129		.7497 .8121		1.4997 1.4997		1.5007 1.5007		7100 7100	5840 5840
MR-18-SS	MI-14 MI-15	.8750 .9375		1.6250 1.6250		1.250 1.250	1.260 1.260	3/32	.040	.8754 .9379		.8746 .9371		1.6247 1.6247		1.6257 1.6257		12200 12200	8720 8720
MR-20-SS	MI-16	1.0000		1.7500		1.250	1.260	3/32	.040	1.0004		.9996		1.7497		1.7507		13100	9020
MR-22-SS	MI-17 MI-18	1.0625 1.1250		1.8750 1.8750		1.250 1.250	1.260 1.260	3/32	.040	1.0630 1.1255		1.0621 1.1246		1.8747 1.8747		1.8757 1.8757		14700 14700	9640 9640
MR-24-SS	MI-19 MI-20	1.1875 1.2500		2.0625 2.0625		1.250 1.250	1.260 1.260	3/32	.060	1.1880 1.2505		1.1871 1.2496		2.0621 2.0621		2.0632 2.0632		15500 15500	10300 10300
MR-26-SS	MI-21 MI-22-4S	1.3125 2.1875	-.0005	2.1875 2.1875		1.250 1.250	1.260 1.260	3/32	.060	1.3130 1.3755	-.0005	1.3121 1.3746	-.0005	2.1871 2.1871	-.0007	2.1882 2.1882	-.0007	16400 16400	10600 10600
MR-28-SS	MI-22 MI-23 MI-24	1.3750 1.4375 1.5000		2.3125 2.3125 2.3125		1.250 1.250 1.250	1.260 1.260 1.260	3/32	.060	1.3755 1.4380 1.5005		1.3746 1.4371 1.4996		2.3121 2.3121 2.3121		2.3132 2.3132 2.3132		18100 18100 18100	11200 11200 11200
MR-30-SS	MI-25-4S	1.5625		2.4375	-.0006	1.250	1.260	3/32	.060	1.5630		1.5621		2.4371		2.4382		19000	11400
MR-32-SS	MI-25 MI-26 MI-27	1.5625 1.6250 1.6875		2.5625 2.5625 2.5625		1.250 1.250 1.250	1.260 1.260 1.260	3/32	.060	1.5630 1.6255 1.6880		1.5621 1.6246 1.6871		2.5621 2.5621 2.5621		2.5632 2.5632 2.5632		20700 20700 20700	12000 12000 12000
MR-36-SS	MI-28 MI-30	1.7500 1.8750		3.0000 3.0000		1.750 1.750	1.760 1.760	1/8	.060	1.7505 1.8755		1.7496 1.8746		2.9996 2.9996		3.0007 3.0007		39100 39100	22400 22400
MR-40-SS	MI-31 MI-32	1.9375 2.0000		3.2500 3.2500		1.750 1.750	1.760 1.760	1/8	.080	1.9380 2.0005		1.9371 1.9996		3.2496 3.2496		3.2507 3.2507		42900 42900	23400 23400
	MI-34	2.1250		3.2500		1.750	1.760			2.1258		2.1247		3.2496		3.2507		42900	23400
MR-44-SS	MI-35 MI-36	2.1875 2.2500		3.5000 3.5000		1.750 1.750	1.760 1.760	1/8	.080	2.1883 2.2508		2.1872 2.2497		3.4995 3.4995		3.5008 3.5008		46700 46700	24500 24500
MR-48-SS	MI-38 MI-39 MI-40	2.3750 2.4375 2.5000		3.7500 3.7500 3.7500		1.750 1.750 1.750	1.760 1.760 1.760	1/8	.080	2.3758 2.4383 2.5008		2.3747 2.4372 2.4997		3.7495 3.7495 3.7495		3.7508 3.7508 3.7508		52300 52300 52300	26100 26100 26100
†MR-52-SS	MI-42 MI-44	2.6250 2.7500	-.0006	4.2500 4.2500	-.0008	1.750 1.750	1.760 1.760	3/16	.080	2.6258 2.7508		2.6247 2.7497		4.2495 4.2495	-.0010	4.2508 4.2508	-.0010	54300 54300	25100 25100
MR-56-SS	MI-46 MI-47 MI-48	2.8750 2.9375 3.0000		4.5000 4.5000 4.5000		2.000 2.000 2.000	2.010 2.010 2.010	3/16	.080	2.8758 2.9383 3.0008		2.8747 2.9372 2.9997		4.4995 4.4995 4.4995		4.5008 4.5008 4.5008		71600 71600 71600	31300 31300 31300
†MR-60-SS	MI-50 MI-52	3.1250 3.2500		4.7500 4.7500		2.000 2.000	2.010 2.010	3/16	.100	3.1260 3.2510		3.1246 3.2496		4.7495 4.7495		4.7508 4.7508		74700 74700	31600 31600
†MR-64-SS	MI-54 MI-56	3.3750 3.5000	-.0008	5.0000 5.0000	-.0010	2.000 2.000	2.010 2.010	3/16	.100	3.3758 3.5008	-.0010	3.3746 3.4996	-.0010	4.9999 4.9999		5.0011 5.0011	-.0015	80400 80400	32800 32800
†MR-68-SS	MI-58 MI-60	3.6250 3.7500		5.2500 5.2500		2.000 2.000	2.010 2.010	3/16	.100	3.6258 3.7508		3.6246 3.7496		5.2499 5.2499	-.0015	5.2511 5.2511	-.0015	86200 86200	34000 34000

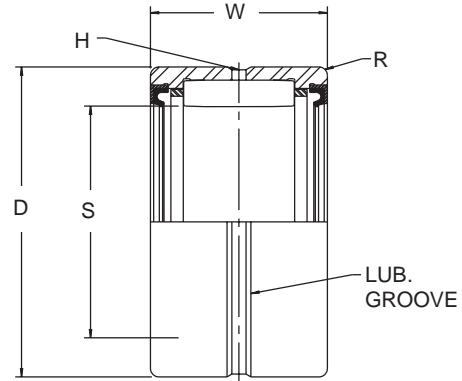
† These sizes are not available from stock. Consult McGill Customer Service for availability.
* This dimension may be slightly oversize due to seal press fit.

CAGEROL®/GUIDEROL® Bearings

Outer ring and roller assembly without separable inner ring

Available in 5 seal combinations (see page 69 also)

The outer ring and roller assemblies are for use without inner rings on a ground shaft for which a minimum hardness of 58 Rockwell "C" scale is recommended. The suffix "SS" indicates double seals with lips turned in (illustrated at right). This construction is most common and is intended primarily for lubrication retention. For other seal combinations, see page 69.



McGILL NUMBER outer ring & roller assy.	S SHAFT DIA.		D*		W	H	R	HSG. BORE DIA.			STATIC LOAD RATING (LBS.)	BASIC DYNAMIC RATING (LBS.)	
	+ .0000	TOL.	+ .0000	TOL.	+ .000 - .005	HOLE DIA.	MAX. FILLET FOR HOUSING	ROTATING HOUSING	TOL. + .0000	STATIONARY HOUSING			TOL. + .0000
MR-10-SS	.6250		1.1250		1.000	5/64	.025	1.1247		1.1257		4300	4320
MR-12-SS	.7500		1.2500		1.000	5/64	.040	1.2497		1.2507		5400	4990
MR-14-SS	.8750		1.3750		1.000	5/64	.040	1.3747		1.3757		6000	5280
MR-16-SS	1.0000		1.5000	-.0005	1.000	5/64	.040	1.4997		1.5007		7100	5840
MR-18-SS	1.1250		1.6250		1.250	3/32	.040	1.6247		1.6257		12200	8720
MR-20-SS	1.2500		1.7500		1.250	3/32	.040	1.7497		1.7507		13100	9020
MR-22-SS	1.3750		1.8750		1.250	3/32	.040	1.8747		1.8757		14700	9640
MR-24-SS	1.5000		2.0625		1.250	3/32	.060	2.0621	-.0007	2.0632	-.0007	15500	10300
MR-26-SS	1.6250		2.1875		1.250	3/32	.060	2.1871		2.1882		16400	10600
MR-28-SS	1.7500	-.0005	2.3125		1.250	3/32	.060	2.3121		2.3132		18100	11200
MR-30-SS	1.8750		2.4375	-.0006	1.250	3/32	.060	2.4371		2.4382		19000	11400
MR-32-SS	2.0000		2.5625		1.250	3/32	.060	2.5621		2.5632		20700	12000
MR-36-SS	2.2500		3.0000		1.750	1/8	.060	2.9996		3.0007		39100	22400
MR-40-SS	2.5000		3.2500		1.750	1/8	.080	3.2496		3.2507		42900	23400
MR-44-SS	2.7500		3.5000		1.750	1/8	.080	3.4995		3.5008		46700	24500
MR-48-SS	3.0000		3.7500		1.750	1/8	.080	3.7495		3.7508		52300	26100
†MR-52-SS	3.2500		4.2500	-.0008	1.750	3/16	.080	4.2495	-.0010	4.2508	-.0010	54300	25100
MR-56-SS	3.5000		4.5000		2.000	3/16	.080	4.4995		4.5008		71600	31300
†MR-60-SS	3.7500		4.7500		2.000	3/16	.100	4.7495		4.7508		74700	31600
†MR-64-SS	4.0000		5.0000		2.000	3/16	.100	4.9999		5.0011		80400	32800
†MR-68-SS	4.2500	-.0007	5.2500	-.0010	2.000	3/16	.100	5.2499	-.0015	5.2511	-.0015	86200	34000

† These sizes are not available from stock. Consult McGill Customer Service for availability.
 * This dimension may be slightly oversize due to seal press fit.