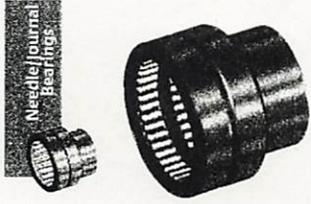


McGILL® GUIDEROL® Bearings



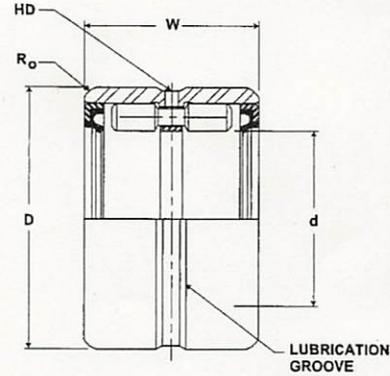
Basic Construction Type: Machined Race with full Complement of Needles

Rolling Elements: Center Guided Precision Needles

Bearing Material: Bearing Quality Steel

Seal Type: Rubber Lip

Lubrication: Sealed Bearings: Lithium Soap Grease NLGI #1
Unsealed Bearings: Rust Preventative



GR SERIES (continued)

Part No.	d		D		W	Housing Bore Diameter			HD	Ro	Limiting Speed (In Oil)*	Basic Dynamic Rating	Basic Static Rating	Outer & Roller Assembly Weight
	Shaft Diameter		Outside Diameter		Width	Housing Bore Diameter			Radial Lub. Hole Diameter	Max Hsg Radius to Clear				
	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	RPM	lb/N	lb/N	lb kg
GR 64 SS, S, RS, SRS, RSS	4.0000	+0/-0.0007	5.0000	+0/-0.0010	2.000	4.9999	5.0011	+0/-0.0015	.19	0.10	950	26,750	98,800	3.56
GR 64	101.6	+0/-0.018	127.1	+0/-0.025	50.80	127.047	127.078	+0/-0.038	5	3	1,500	118,984	439,462	1.61
GR 68 SS, S, RS, SRS, RSS	4.2500	+0/-0.0007	5.2500	+0/-0.0010	2.000	4.9999	5.0011	+0/-0.0015	.19	0.10	900	30,900	119,000	3.56
GR 68	108.0	+0/-0.018	133.4	+0/-0.025	50.80	127.047	127.078	+0/-0.038	5	3	1,410	137,443	529,312	1.61
GR 72	4.5000	+0/-0.0007	6.0000	+0/-0.0010	2.250	5.2499	5.2511	+0/-0.0015	.19	0.10	1,330	27,400	104,000	3.74
GR 72	114.3	+0/-0.018	152.5	+0/-0.025	57.15	133.400	133.430	+0/-0.038	5	3	1,330	121,875	462,592	1.69
GR 80	5.0000	+0/-0.0007	6.5000	+0/-0.0010	2.250	5.2499	5.2511	+0/-0.0015	.19	0.10	1,200	31,500	126,000	3.74
GR 80	127.1	+0/-0.018	165.2	+0/-0.025	57.15	133.400	133.430	+0/-0.038	5	3	1,200	140,112	560,448	1.69
GR 88 N	5.5000	+0/-0.0007	7.0000	+0/-0.0010	2.500	6.4999	6.5011	+0/-0.0015	.19	0.10	1,090	48,800	181,000	7.78
GR 88	139.8	+0/-0.018	177.9	+0/-0.025	63.50	165.162	165.193	+0/-0.038	5	3	1,090	217,062	716,128	3.53
GR 96 N	6.0000	+0/-0.0010	7.5000	+0/-0.0012	3.000	6.4999	6.5011	+0/-0.0015	.25	0.12	1,000	65,700	223,000	11.08
GR 96	152.5	+0/-0.025	190.6	+0/-0.030	76.20	165.162	165.193	+0/-0.038	6	3	1,000	292,234	991,904	5.02
GR 104 N	6.5000	+0/-0.0010	8.0000	+0/-0.0012	2.500	5.2499	5.2511	+0/-0.0015	.25	0.12	930	71,400	283,000	12.69
GR 104	165.2	+0/-0.025	203.3	+0/-0.030	76.20	133.400	133.430	+0/-0.038	6	3	930	317,587	1,258,784	5.76
GR 116	7.2500	+0/-0.0010	9.1250	+0/-0.0012	3.000	5.9999	6.0011	+0/-0.0015	.25	0.12	840	83,900	332,000	19.32
GR 116	184.2	+0/-0.025	231.9	+0/-0.030	76.20	152.457	152.488	+0/-0.038	6	3	840	306,467	1,076,416	5.37
GR 124	7.7500	+0/-0.0010	9.6250	+0/-0.0012	3.000	6.4999	6.5011	+0/-0.0015	.25	0.12	770	86,200	306,000	19.80
GR 124	196.9	+0/-0.025	244.6	+0/-0.030	76.20	168.341	168.379	+0/-0.051	6	3	770	383,418	1,579,040	8.97
GR 132	8.2500	+0/-0.0010	10.1250	+0/-0.0012	3.000	5.9999	6.0011	+0/-0.0015	.25	0.12	730	88,700	378,000	21.63
GR 132	209.6	+0/-0.025	257.3	+0/-0.030	76.20	152.457	152.488	+0/-0.038	6	3	730	394,538	1,681,344	9.81
GR 140	8.7500	+0/-0.0010	10.6250	+0/-0.0014	3.000	6.4999	6.5011	+0/-0.0015	.25	0.16	690	91,500	401,000	22.73
GR 140	222.3	+0/-0.025	270.0	+0/-0.036	76.20	168.341	168.379	+0/-0.051	6	4	690	406,992	1,783,648	10.31
GR 148	9.2500	+0/-0.0010	11.1250	+0/-0.0014	3.000	5.9999	6.0011	+0/-0.0015	.25	0.16	650	93,500	423,000	24.00
GR 148	235.0	+0/-0.025	282.7	+0/-0.036	76.20	282.686	282.724	+0/-0.051	6	4	650	415,888	1,881,504	10.88

For sealed bearings, Outside diameter may be slightly oversize due to seal press fit.
For DS matching as DS suffix to part number.
* For bearing properly filled with #1 grease reduce speed by 50%

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.