

(LR) and LINEAR ROTARY SUPER PRECISION (LRP)

NOTES

- 1) The groove widths match standard retaining ring thicknesses.
- 2) To order wipers — one end, add the suffix *W*, eg. *LR- W*
- 3) To order wipers — both ends, add the suffix *WW*, eg. *LR- WW*.
- 4) For shaft to bearing selection a clearance of .0005 is recommended.
- 5) **Shaft diameters greater than specified could cause ball loss during insertion.**

DISTANCE BETWEEN RETAINING RINGS		RETAINING RING GROOVE DIMENSIONS		MAXIMUM SHAFT DIAMETER		BALL DIA-METER	NO. OF BALL CIRCUITS	BEARING WGT. (Lbs.)	Bearing No.
D	TOLERANCE	GROOVE WIDTH	GROOVE DIAMETER	LR	LRP				
.562	± .010	.039	.593	.3745	.3747	1/16	6	.05	6
.875	± .010	.046	.770	.4995	.4997	5/64	7	.07	8
1.000	± .010	.056	1.057	.6245	.6247	3/32	7	.15	10
1.062	± .010	.056	1.178	.7495	.7497	3/32	8	.22	12
1.625	± .010	.068	1.500	.9995	.9997	1/8	8	.45	16
1.875	± .015	.068	1.886	1.2494	1.2496	5/32	9	.93	20
2.250	± .015	.086	2.255	1.4994	1.4996	5/32	9	1.45	24
3.000	± .015	.103	2.880	1.9992	1.9996	7/32	9	2.85	32
3.750	± .015	.120	3.562	2.4990	2.4995	9/32	9	5.95	40
4.500	± .015	.120	4.310	2.9988	2.9994	5/16	9	10.00	48
6.000	± .020	.139	5.745	3.9980	3.9990	7/16	9	23.20	64