

LMB Series

		Resin retainer		Nominal shaft diameter		d _r												Major dimensions and tolerance												Eccentricity		Radial clearance	Radial load rating(N)		
LMB...LU	Ball (mm)	Weight(Kg)	LMB...LU-AJ	Ball (mm)	Weight	LMB...LU-OP	Ball (mm)	Weight(Kg)	Inch	mm	Inch	mm	Precision(Inch)	Precision(gm)	High(Inch)	High(gm)	D(Inch/mm)	D Tolerance (Inch/gm)	D Tolerance (Inch/gm)	L Tolerance (Inch/mm)	L Tolerance (Inch/mm)	L Tolerance (Inch/mm)	B Tolerance (Inch/mm)	B Tolerance (Inch/mm)	B Tolerance (Inch/mm)	W(Inch/mm)	D1(Inch/mm)	b(Inch/mm)	h1(Inch/mm)	Ø	Precision	High	Radial clearance (Max)	Dynamic	Static
LMB6LU	4	14	LMB6LU-AJ	4	13.5	—	—	—	3/8	9.525	0.375	9.525	0/-0.0025	0/-4	0/-0.0040	0/-9	.6250(15.875)	0/-0.0050	0/-13	.8750(22.225)	0/-0.008	0/-200	.6358(16.15)	0/-0.008	0/-200	.6390(0.992)	.580(14.925)	.04(1)	—	—	.0003(8)	.0005(12)	-.0001(3)	225	314
LMB8LU	4	27	LMB8LU-AJ	4	26.5	LMB8LU-OP	3	28	1/2	12.7	0.5	12.7	0/-0.0025	0/-4	0/-0.0040	0/-9	.8750(22.225)	0/-0.0050	0/-13	1.2500(31.750)	0/-0.008	0/-200	.9625(24.46)	0/-0.008	0/-200	.9493(1.148)	.820(9.203)	.06(1.5)	.34(7.9375)	80°	.0003(8)	.0005(12)	-.0001(3)	510	784
LMB8	4	8	LMB8-AJ	4	7.5	—	—	—	1/4	6.35	0.25	6.35	0/-0.0025	0/-4	0/-0.0040	0/-9	.5000(12.700)	0/-0.0045	0/-11	.7500(19.050)	0/-0.008	0/-200	.5110(12.98)	0/-0.008	0/-200	.6390(0.992)	.46(7)1.906	.04(1)	—	—	.0003(8)	.0005(12)	-.0001(3)	206	285
LMB10LU	4	76	LMB10LU-AJ	4	74	LMB10LU-OP	3	57	5/8	15.875	0.625	15.875	0/-0.0025	0/-4	0/-0.0040	0/-9	1.1250(28.375)	0/-0.0050	0/-13	1.5000(38.100)	0/-0.008	0/-200	1.1109(28.04)	0/-0.008	0/-200	.850(1.422)	1.059(26.499)	.06(1.5)	.37(9.525)	80°	.0003(8)	.0005(12)	-.0001(3)	774	1180
LMB12LU	5	95	LMB12LU-AJ	5	93	LMB12LU-OP	4	76	3/4	19.05	0.75	19.05	0/-0.0030	0/-7	0/-0.0040	0/-10	35.75(91.250)	0/-0.0065	0/-16	1.6250(41.275)	0/-0.008	0/-200	1.1637(29.41)	0/-0.008	0/-200	.850(1.422)	1.176(29.870)	.06(1.5)	.43(75)1.1125	60°	.0004(10)	.0006(15)	-.0002(3)	862	1270
LMB16LU	6	200	LMB16LU-AJ	6	198	LMB16LU-OP	5	170	1	25.4	1	25.4	0/-0.0030	0/-7	0/-0.0040	0/-10	39.68(1.5625)	0/-0.0065	0/-16	2.2500(57.150)	0/-0.012	0/-300	1.7547(44.37)	0/-0.012	0/-300	.867(1.727)	1.468(37.306)	.06(1.5)	.56(25)14.2875	50°	.0004(10)	.0006(15)	-.0002(3)	880	1570
LMB20LU	6	440	LMB20LU-AJ	6	430	LMB20LU-OP	5	370	1-1/4	31.75	1.25	31.75	0/-0.0035	0/-8	0/-0.0050	0/-12	50.80(12.0000)	0/-0.0075	0/-19	2.6250(66.675)	0/-0.012	0/-300	2.0047(50.92)	0/-0.012	0/-300	.867(1.727)	1.885(47.904)	1.0(2.5)	.625(13.875)	50°	.0005(12)	.0008(20)	-.0003(8)	1570	2740
LMB24LU	6	670	LMB24LU-AJ	6	660	LMB24LU-OP	5	570	1-1/2	38.1	1.5	38.1	0/-0.0035	0/-8	0/-0.0050	0/-12	40.32(102.3750)	0/-0.0075	0/-19	3.0000(76.200)	0/-0.012	0/-300	2.4118(61.26)	0/-0.012	0/-300	.868(2.184)	2.238(56.870)	1.2(3)	.75(19.05)	50°	.0005(12)	.0008(20)	-.0003(8)	2180	4020
LMB32LU	6	1140	LMB32LU-AJ	6	1120	LMB32LU-OP	5	980	2	50.8	2	50.8	0/-0.0035	0/-8	0/-0.0050	0/-12	76.20(191.0000)	0/-0.0090	0/-22	4.0000(101.600)	0/-0.012	0/-300	3.1917(81.07)	0/-0.012	0/-300	1.029(2.616)	2.837(72.085)	1.2(3)	1.0(25.40)	50°	.0007(17)	.0010(25)	-.0005(13)	3820	7940