

# LMB Series

		Resin retainer				Nominal shaft diameter										Major dimensions and tolerance										Eccentricity		Radial clearance		Basic load rating(N)					
LMB_UU	Ball (mm)	Weight(Kg)	LMB_UU-AJ	Ball (mm)	Weight	LMB_UU-OP	Ball (mm)	Weight(Kg)	Inch	mm	mm	Precision(Inch)	Precision(gm)	High(Inch)	High(gm)	D(Inch/mm)	D Tolerance (µm)	D Tolerance (µm)	L Tolerance(Inch)	L Tolerance(gm)	B(Inch/mm)	B Tolerance(Inch)	B Tolerance(gm)	W(Inch/mm)	D1(Inch/mm)	k(Inch/mm)	h1(Inch/mm)	θ	Precision	High	Radial clearance (Max)	Dynamic	Static		
LMB8U	4	14	LMB8U-AJ	4	13.5	---	---	---	3/8	9.525	0.375	9.525	0.00025	0.4	0.00040	0.9	825015.875	0.00050	0.13	875022.225	0.0008	0.200	635816.15	0.0008	0.200	03900.992	58014.935	.041	---	---	.00038	000512	-.00013	225	314
LMB8U	4	37	LMB8U-AJ	4	36.5	LMB8U-OP	3	28	1/2	12.7	0.5	12.7	0.00025	0.4	0.00040	0.9	875022.225	0.00050	0.13	1.250031.750	0.0008	0.200	962504.46	0.0008	0.200	04591.168	620920.853	.061.5	347.9375	80°	.00038	000512	-.00013	510	784
LMB8	4	8	LMB8-AJ	4	7.5	---	---	---	1/4	6.35	0.25	6.35	0.00025	0.4	0.00040	0.9	500012.700	0.00045	0.11	750019.050	0.0008	0.200	511012.98	0.0008	0.200	03900.992	460711.906	.041	---	---	.00038	000512	-.00013	206	285
LMB10U	4	76	LMB10U-AJ	4	74	LMB10U-OP	3	57	5/8	15.875	0.625	15.875	0.00025	0.4	0.00040	0.9	1120028.375	0.00050	0.13	1.500028.100	0.0008	0.200	112028.04	0.0008	0.200	05591.422	1699026.899	.061.5	3708.525	80°	.00038	000512	-.00013	774	1180
LMB12U	5	95	LMB12U-AJ	5	93	LMB12U-OP	4	76	3/4	19.05	0.75	19.05	0.00030	0.7	0.00040	0.18	31.7501.250	0.00055	0.16	3.625041.275	0.0008	0.200	1163709.81	0.0008	0.200	05591.422	1176029.870	.061.5	437011.1125	50°	000410	000615	-.00023	800	1270
LMB16U	6	200	LMB16U-AJ	6	198	LMB16U-OP	5	170	1	25.4	1	25.4	0.00030	0.7	0.00040	0.10	39.6881.5625	0.00065	0.16	3.250057.150	0.0012	0.300	1754744.57	0.0012	0.300	06791.737	1.468707.306	.061.5	562514.3875	50°	000410	000615	-.00023	800	1270
LMB20U	6	440	LMB20U-AJ	6	430	LMB20U-OP	5	370	1-1/4	31.75	1.25	31.75	0.00035	0.8	0.00050	0.12	50.8002.0000	0.00075	0.19	2.625096.675	0.0012	0.300	2084750.92	0.0012	0.300	06791.737	1.885047.904	1.02.5	62515.875	50°	000512	000820	-.00038	1570	2740
LMB24U	6	670	LMB24U-AJ	6	660	LMB24U-OP	5	570	1-1/2	38.1	1.5	38.1	0.00035	0.8	0.00050	0.12	60.3252.3750	0.00075	0.19	3.000076.200	0.0012	0.300	2411861.26	0.0012	0.300	08502.184	2.238956.870	1.20	7519.05	50°	000512	000820	-.00038	2180	4020
LMB32U	6	1140	LMB32U-AJ	6	1120	LMB32U-OP	5	980	2	50.8	2	50.8	0.00035	0.8	0.00050	0.12	76.2003.0000	0.00090	0.22	4.0000101.600	0.0012	0.300	31917881.07	0.0012	0.300	10292.616	2.837972.085	1.20	1.025.40	50°	000717	001025	-.000513	3820	7940