

LMB Series

		Resin retainer										Nominal shaft diameter										Major dimensions and tolerance										Eccentricity		Radial clearance		Basic lead radius(S)	
LMB_UU	Tongue circuit	LMB_UU-AJ	Ball Weight	LMB_UU-OP	Tongue circuit	Inch	mm	mm	Precision(Inch)	Precision(gm)	High(Inch)	High(gm)	D(Inch/mm)	D Tolerance (±0.001)	D Tolerance (±0.001)	L Tolerance(Inch)	L Tolerance(gm)	B Tolerance(Inch)	B Tolerance(gm)	W(Inch/mm)	D1(Inch/mm)	h(Inch/mm)	h(Inch/mm)	θ	Precision	High	Radial clearance (µm)	Dynamic	Static								
LMB12U	4	14	LMB12U-AJ	4	13.5	—	—	38	0.525	0.375	9.525	0.00025	0/4	0.00040	0/9	625011.875	0.00050	0/13	875022.225	0.008	0/200	635016.15	0.008	0/200	03900.992	588014.935	0/41	—	—	0.00138	0.00512	-0.00113	225	314			
LMB16U	4	37	LMB16U-AJ	4	36.5	LMB16U-OP	3	28	1.2	0.5	12.7	0.00025	0/4	0.00040	0/9	875022.225	0.00050	0/13	1.250011.750	0.008	0/200	962524.46	0.008	0/200	04501.168	820920.833	0/61.5	347.9375	80°	0.00138	0.00512	-0.00113	510	784			
LMB4	4	8	LMB4-AJ	4	7.5	—	—	14	0.35	0.25	6.35	0.00025	0/4	0.00040	0/9	500012.700	0.00045	0/11	750019.050	0.008	0/200	511012.98	0.008	0/200	03900.992	468711.906	0/41	—	—	0.00138	0.00512	-0.00113	206	265			
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	1.125028.575	0.00050	0/13	1.500038.100	0.008	0/200	1.103028.04	0.008	0/200	05501.422	1.059020.889	0/61.5	375/0.525	80°	0.00138	0.00512	-0.00113	774	1180		
LMB12U	5	95	LMB12U-AJ	5	93	LMB12U-OP	4	76	3/4	19.075	0.75	19.075	0.00030	0/7	0.00040	0/10	31.7501.2500	0.00065	0/16	1.625041.275	0.008	0/200	1.165729.61	0.008	0/200	05501.422	1.176029.870	0/61.5	4375/1.1125	60°	0.00410	0.00615	-0.00213	862	1370		
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	2.350071.150	0.012	0/300	1.754744.57	0.012	0/300	06791.727	1.468737.306	0/61.5	5625/14.2875	50°	0.00410	0.00615	-0.00213	980	1570		
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	2.625066.675	0.012	0/300	2.004750.92	0.012	0/300	06791.727	1.885947.904	1/02.5	625/15.875	50°	0.00512	0.00820	-0.00318	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	60.3525.3750	0.00075	0/19	3.000076.200	0.012	0/300	2.411861.26	0.012	0/300	08502.184	2.238956.870	1/23	.75/19.05	50°	0.00512	0.00820	-0.00318	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	0.012	0/300	3.191781.07	0.012	0/300	10292.616	2.837972.065	1/23	1.0/25.40	50°	0.00717	0.01025	-0.00513	3820	7940		