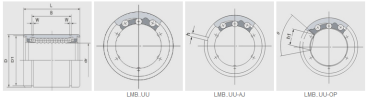
LMB Series



Resin retainer								Nominal shaft diameter				dr					Major dimensions and tolerance													Eccentricity		Radial clearance (Max)	Basic load rating(kN)	
LMB...UU	Ball circuit	Weight(Kg)	LMB...UU-AJ	Ball circuit	Weight	LMB...UU-OP	Ball circuit	Weight(Kg)	Inch	mm	Inch	mm	Precision(Inch)	Precision(μm)	High(Inch)	High(μm)	D(Inch/mm)	D Tolerance（inch）	D Tolerance（μm）	L(Inch/mm)	L Tolerance(inch)	L Tolerance(μm)	B(Inch/mm)	B Tolerance(Inch)	B Tolerance(μm)	W(Inch/mm)	D1(Inch/mm)	h(Inch/mm)	h1(Inch/mm)	θ	Precision	High		Dynamic	Static
LMB4	4	8	LMB4-AJ	4	7.5	—	—	—	1/4	6.35	0.25	6.35	0/-.00025	0/-6	0/-.00040	0/-9	.5000/12.700	0/-.00045	0/-11	.7500/19.050	0/-.008	0/-200	.5110/12.98	0/-.008	0/-200	.0390/0.992	.4687/11.906	.04/1	—	—	.0003/8	.0005/12	-.0001/-3	206	265
LMB6UU	4	14	LMB6UU-AJ	4	13.5	—	—	—	3/8	9.525	0.375	9.525	0/-.00025	0/-6	0/-.00040	0/-9	.6250/15.875	0/-.00050	0/-13	.8750/22.225	0/-.008	0/-200	.6358/16.15	0/-.008	0/-200	.0390/0.992	.5880/14.935	.04/1	—	—	.0003/8	.0005/12	-.0001/-3	225	314
LMB8UU	4	37	LMB8UU-AJ	4	36.5	LMB8UU-OP	3	28	1/2	12.7	0.5	12.7	0/-.00025	0/-6	0/-.00040	0/-9	.8750/22.225	0/-.00050	0/-13	1.2500/31.750	0/-.008	0/-200	.9625/24.46	0/-.008	0/-200	.0459/1.168	.8209/20.853	.06/1.5	.34/7.9375	80°	.0003/8	.0005/12	-.0001/-3	510	784
LMB10UU	4	76	LMB10UU-AJ	4	74	LMB10UU-OP	3	57	5/8	15.875	0.625	15.875	0/-.00025	0/-6	0/-.00040	0/-9	1.1250/28.575	0/-.00050	0/-13	1.5000/38.100	0/-.008	0/-200	1.1039/28.04	0/-.008	0/-200	.0559/1.422	1.0590/26.899	.06/1.5	.375/9.525	80°	.0003/8	.0005/12	-.0001/AH15-4	774	1180
LMB12UU	5	95	LMB12UU-AJ	5	93	LMB12UU-OP	4	76	3/4	19.05	0.75	19.05	0/-.00030	0/-7	0/-.00040	0/-10	31.750/1.2500	0/-.00065	0/-16	1.6250/41.275	0/-.008	0/-200	1.1657/29.61	0/-.008	0/-200	.0559/1.422	1.1760/29.870	.06/1.5	.437 5/11.1125	60°	.0004/10	.0006/15	-.0002/AH15-4	862	1370
LMB16UU	6	200	LMB16UU-AJ	6	198	LMB16UU-OP	5	170	1	25.4	1	25.4	0/-.00030	0/-7	0/-.00040	0/-10	39.688/1.5625	0/-.00065	0/-16	2.2500/57.150	0/-.012	0/-300	1.7547/44.57	0/-.012	0/-300	.0679/1.727	1.4687/37.306	.06/1.5	.5625/14.2875	50°	.0004/10	.0006/15	-.0002/AH15-4	980	1570
LMB20UU	6	440	LMB20UU-AJ	6	430	LMB20UU-OP	5	370	1-1/4	31.75	1.25	31.75	0/-.00035	0/-8	0/-.00050	0/-12	50.800/2.0000	0/-.00075	0/-19	2.6250/66.675	0/-.012	0/-300	2.0047/50.92	0/-.012	0/-300	.0679/1.727	1.8859/47.904	.10/2.5	.625/15.875	50°	.0005/12	.0008/20	-.0003-8	1570	2740
LMB24UU	6	670	LMB24UU-AJ	6	660	LMB24UU-OP	5	570	1-1/2	38.1	1.5	38.1	0/-.00035	0/-8	0/-.00050	0/-12	60.325/2.3750	0/-.00075	0/-19	3.0000/76.200	0/-.012	0/-300	2.4118/61.26	0/-.012	0/-300	.0859/2.184	2.2389/56.870	.12/3	.75/19.05	50°	.0005/12	.0008/20	-.0003-8	2180	4020
LMB32UU	6	1140	LMB32UU-AJ	6	1120	LMB32UU-OP	5	980	2	50.8	2	50.8	0/-.00035	0/-8	0/-.00050	0/-12	76.200/3.0000	0/-.00090	0/-22	4.0000/101.600	0/-.012	0/-300	3.1917/81.07	0/-.012	0/-300	.1029/2.616	2.8379/72.085	.12/3	1.0/25.40	50°	.0007/17	.0010/25	-.0005-13	3820	7940