



Rollin retainer										Nominal shaft diameter				Major dimensions and tolerance														Eccentricity		Radial clearance (Max)	Basic load rating(N)				
LMB...UU	Ball (mm)	Weight(Kg)	LMB...UU-AJ	Ball (mm)	Weight(Kg)	LMB...UU-OP	Ball (mm)	Weight(Kg)	Inch	mm	Inch	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				
LMB4	4	8	LMB4-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	.0390(0.992)	.4607(11.906)	.041	—	—	.0003(8)	.0005(12)	-.0001(-3)	206	265
LMB6UU	4	14	LMB6UU-AJ	4	13.5	—	—	—	3/8	9.525	0.375	9.525	0-0.0025	0/4	0-0.0040	0/9	.6250(15.875)	0-0.0050	0/-13	.8750(22.225)	0-0.008	0/-200	.6350(16.15)	0-0.008	0/-200	.0390(0.992)	.5880(14.935)	.041	—	—	.0003(8)	.0005(12)	-.0001(-3)	225	314
LMB8UU	4	27	LMB8UU-AJ	4	26.5	LMB8UU-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	.0430(1.103)	.8209(20.853)	.061.5	.347(.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	0-0.0025	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	1.1039(28.04)	0-0.008	0/-200	.0550(1.422)	1.0590(26.899)	.061.5	.375(.9375)	80°	.0003(8)	.0005(12)	-.0001(-3)	774	1180
LMB12UU	5	95	LMB12UU-AJ	5	93	LMB12UU-OP	4	76	3/4	19.05	0.75	19.05	0-0.0030	0/7	0-0.0040	0/-10	31.750(1.2500)	0-0.0065	0/-16	1.6250(41.275)	0-0.008	0/-200	1.1651(29.61)	0-0.008	0/-200	.0550(1.422)	1.1760(29.870)	.061.5	.4375(11.125)	80°	.0004(10)	.0006(15)	-.0002(-5)	862	1370
LMB16UU	6	200	LMB16UU-AJ	6	198	LMB16UU-OP	5	176	1	25.4	1	25.4	0-0.0040	0/7	0-0.0040	0/-10	39.680(1.5625)	0-0.0065	0/-16	2.2500(57.150)	0-0.012	0/-300	1.7549(44.37)	0-0.012	0/-300	.0670(1.727)	1.4607(37.206)	.061.5	.5820(14.8075)	50°	.0004(10)	.0006(15)	-.0002(-5)	966	1570
LMB20UU	6	440	LMB20UU-AJ	6	430	LMB20UU-OP	5	370	1.40	31.75	1.25	31.75	0-0.0035	0/4	0-0.0050	0/-12	59.680(2.3880)	0-0.0075	0/-19	2.6250(66.675)	0-0.012	0/-300	2.0647(52.02)	0-0.012	0/-300	.0670(1.727)	1.6059(40.94)	.102.5	.6205(15.875)	50°	.0005(12)	.0008(20)	-.0003(-8)	1270	2740
LMB24UU	6	670	LMB24UU-AJ	6	660	LMB24UU-OP	5	570	1.40	38.1	1.5	38.1	0-0.0035	0/4	0-0.0050	0/-12	60.325(2.3750)	0-0.0075	0/-19	3.0000(76.200)	0-0.012	0/-300	2.4118(61.26)	0-0.012	0/-300	.0692(1.84)	2.2389(56.878)	.123	.7519(19.05)	50°	.0005(12)	.0008(20)	-.0003(-8)	2180	4020
LMB32UU	6	1140	LMB32UU-AJ	1120	1	LMB32UU-OP	5	980	2	50.8	2	50.8	0-0.0035	0/4	0-0.0050	0/-12	76.200(3.0000)	0-0.0090	0/-22	4.0000(101.600)	0-0.012	0/-300	3.1917(81.07)	0-0.012	0/-300	.1026(2.616)	2.8379(72.085)	.123	1.9225(49)	50°	.0007(17)	.0010(25)	-.0005(-13)	3820	7940