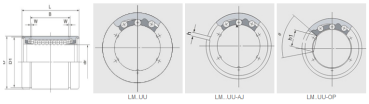
LM Series



select	Inquiry	Resin retainer									Nominal shaft diameter		dr				Major dimensions and tolerance									Eccentricity		Radial clearance (Max)	Basic load rating(kN)	
		LM...UU	Ball circuit	Weight(Kg)	LM...UU-AJ	Ball circuit	Weight	LM...UU-OP	Ball circuit	Weight(Kg)	mm	mm	Tolerance	Tolerance	D mm	Tolerance(μm)	L mm	Tolerance(μm)	B mm	Tolerance(μm)	W(mm)	D1(mm)	h(mm)	h1(mm)	θ	Precision	High		Dynamic	Static
LM3	4	1.35	—	—	—	—	—	—	3	3	0/-5	0/-8	7	0/-9	10	0/-120	—	—	—	—	—	—	—	4	8	-3	69	105		
LM4	4	1.9	—	—	—	—	—	—	4	4	0/-5	0/-8	8	0/-9	12	0/-120	—	—	—	—	—	—	—	4	8	-3	88	127		
LM5UU	4	4	—	—	—	—	—	—	5	5	0/-5	0/-8	10	0/-9	15	0/-120	10.2	0/-200	1.1	9.6	—	—	—	4	8	-3	167	206		
LM6UU	4	7.6	LM6UU-AJ	4	7.5	—	—	—	6	6	0/-6	0/-9	12	0/-11	19	0/-200	13.5	0/-200	1.1	11.5	1	—	—	8	12	-3	206	265		
LM8SUU	4	10.4	LM8SUU-AJ	4	10	—	—	—	8	8	0/-6	0/-9	15	0/-11	17	0/-200	11.5	0/-200	1.1	14.3	1	—	—	8	12	-3	176	216		
LM8UU	4	15	LM8UU-AJ	4	14.7	—	—	—	8	8	0/-6	0/-9	15	0/-11	24	0/-200	17.5	0/-200	1.1	14.3	1	—	—	8	12	-3	274	392		
LM10UU	4	29.5	LM10UU-AJ	4	29	LM10UU-OP	3	23	10	10	0/-6	0/-9	19	0/-13	29	0/-200	22	0/-200	1.3	18	1	6.8	80°	8	12	-4	372	549		
LM12UU	4	31.5	LM12UU-AJ	4	31	LM12UU-OP	3	25	12	12	0/-6	0/-9	21	0/-13	30	0/-200	23	0/-200	1.3	20	1.5	8	80°	8	12	-4	510	784		
LM13UU	4	43	LM13UU-AJ	4	42	LM13UU-OP	3	34	13	13	0/-6	0/-9	23	0/-13	32	0/-200	23	0/-200	1.3	22	1.5	9	80°	8	12	-4	510	784		
LM16UU	5	69	LM16UU-AJ	5	68	LM16UU-OP	4	52	16	16	0/-6	0/-9	28	0/-13	37	0/-200	26.5	0/-200	1.6	27	1.5	11	80°	8	12	-6	774	1180		
LM20UU	5	87	LM20UU-AJ	5	85	LM20UU-OP	4	69	20	20	0/-7	0/-10	32	0/-16	42	0/-200	30.5	0/-200	1.6	30.5	1.5	11	60°	10	15	-6	882	1370		
LM25UU	6	220	LM25UU-AJ	6	216	LM25UU-OP	5	188	25	25	0/-7	0/-10	40	0/-16	59	0/-300	41	0/-300	1.85	38	2	12	50°	10	15	-6	980	1570		
LM30UU	6	250	LM30UU-AJ	6	245	LM30UU-OP	5	210	30	30	0/-7	0/-10	45	0/-16	64	0/-300	44.5	0/-300	1.85	43	2.5	15	50°	10	15	-8	1570	2740		
LM35UU	6	390	LM35UU-AJ	6	384	LM35UU-OP	5	335	35	35	0/-8	0/-12	52	0/-19	70	0/-300	49.5	0/-300	2.1	49	2.5	17	50°	12	20	-8	1670	3140		
LM40UU	6	585	LM40UU-AJ	6	579	LM40UU-OP	5	500	40	40	0/-8	0/-12	60	0/-19	80	0/-300	60.5	0/-300	2.1	57	3	20	50°	12	20	-10	2160	420		
LM50UU	6	1580	LM50UU-AJ	6	1560	LM50UU-OP	5	1340	50	50	0/-8	0/-12	80	0/-19	100	0/-300	74	0/-300	2.6	76.5	3	25	50°	12	20	-13	3820	7940		
LM60UU	6	1860	LM60UU-AJ	6	1820	LM60UU-OP	5	1610	60	60	0/-9	0/-15	90	0/-22	110	0/-300	85	0/-300	3.15	86.5	3	30	50°	17	25	-13	4700	100		
LM80UU	6	4420	LM80UU-AJ	6	4300	LM80UU-OP	5	3650	80	80	0/-9	0/-15	120	0/-22	140	0/-400	105.5	0/-400	4.15	116	3	40	50°	17	25	-20	7350	160		
LM100UU	6	8600	LM100UU-AJ	6	8540	LM100UU-OP	5	7200	100	100	0/-10	0/-20	150	0/-25	175	0/-400	125.5	0/-400	4.15	145	3	50	50°	20	30	-20	14100	34800		
LM120UU	8	15000	LM120UU-AJ	8	14900	LM120UU-OP	6	11600	120	120	0/-10	0/-20	180	0/-25	200	0/-400	158.6	0/-400	4.15	175	3	85	80°	20	30	-25	16400	400		
LM150UU	8	20250	LM150UU-AJ	8	20150	LM150UU-OP	6	15700	150	-	-13	0/-25	210	-29	240	0/-400	170.6	0/-400	5.15	204	3	105	80°	25	40	-25	21100	54300		