

# LM Series

LM...UU	Ball circuit	Timbang (kg)	Resin retainer			Nominal shaft diameter				dr		Major dimensions and tolerance										Eccentricity		Radial clearance (Max)		Basic load rating(kN)		
			LM...UU-AJ	Ball circuit	Timbang	LM...UU-OP	Ball circuit	Timbang (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