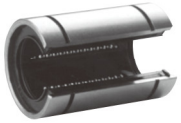
LM

Metric Dimension Series Used In Asia

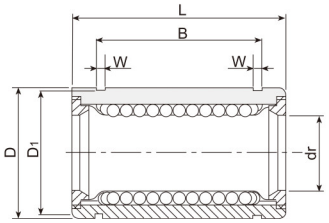
Standard type

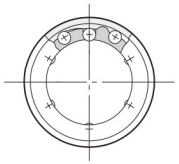
AJ type



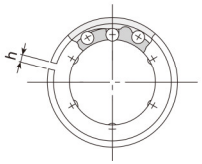
OP type

Nominal shaft diameter mm	Model No. LM LM...UU	Ball circuit	Weight g	LM...AJ LM...UU-AJ	Ball circuit	Weight g	LM...OP LM...UU-OP	Ball circuit	Weight g	dr mm	dr Tolerance μm
3	LM 3	4	1.35	—	—	—	—	—	—	3	0 -8
4	LM 4	4	1.9	—	—	—	—	—	—	4	
5	LM 5 LM 5UU	4	4	—	—	—	—	—	—	5	
6	LM 6 LM 6UU	4	7.6	LM6AJ LM6UU-AJ	4	7.5	—	—	—	6	0 -9
8	LM 8S LM 8SUU	4	10.4	LM8SAJ LM8SUU-AJ	4	10	—			8	
8	LM 8 LM 8UU	4	15	LM8AJ LM8UU-AJ	4	14.7	—	—	—	8	
10	LM 10 LM 10UU	4	29.5	LM10AJ LM10UU-AJ	4	29	LM10OP LM10UU-OP	3	23	10	
12	LM 12 LM 12UU	4	31.5	LM12AJ LM12UU-AJ	4	31	LM12OP LM12UU-OP	3	25	12	
13	LM 13 LM 13UU	4	43	LM13AJ LM13UU-AJ	4	42	LM13OP LM13UU-OP	3	34	13	
16	LM 16 LM 16UU	5	69	LM16AJ LM16UU-AJ	5	68	LM16OP LM16UU-OP	4	52	16	
20	LM 20 LM 20UU	5	87	LM20AJ LM20UU-AJ	5	85	LM20OP LM20UU-OP	4	69	20	0 -10
25	LM 25 LM 25UU	6	220	LM25AJ LM25UU-AJ	6	216	LM25OP LM25UU-OP	5	188	25	
30	LM 30 LM 30UU	6	250	LM30AJ LM30UU-AJ	6	245	LM30OP LM30UU-OP	5	210	30	
35	LM 35 LM 35UU	6	390	LM35AJ LM35UU-AJ	6	384	LM35OP LM35UU-OP	5	335	35	0 -12
40	LM 40 LM 40UU	6	585	LM40AJ LM40UU-AJ	6	579	LM40OP LM40UU-OP	5	500	40	
50	LM 50 LM 50UU	6	1,580	LM50AJ LM50UU-AJ	6	1,560	LM50OP LM50UU-OP	5	1,340	50	
60	LM 60 LM 60UU	6	1,860	LM60AJ LM60UU-AJ	6	1,820	LM60OP LM60UU-OP	5	1,610	60	0 -15
80	LM 80 LM 80UU	6	4,420	LM80AJ LM80UU-AJ	6	4,300	LM80OP LM80UU-OP	5	3,650	80	

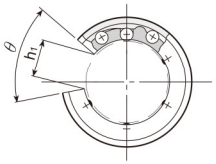




LM



LM...AJ



LM...OP

Main dimensions and tolerance D Tolerance μm	D mm	L Tolerance μm	L mm	B Tolerance μm	B mm	W mm	D1 mm	h mm	h1 mm	θ	Eccentricity μm	Radial clearance (Max) μm	Basic load rating dynamic C(kgf)	Basic load rating static Co(kgf)	Nominal shaft diameter mm
7	10	0 -120	—	—	—	—	—	—	—	—	8	-3	7	10.7	3
8	12		—	—	—	—	—	—	—	—			9	13	4
10	15		10.2	0 -200	1.1	9.6	—	—	—				17	21	5
12	19	0 -200	13.5		1.1	11.5	1	—	—		12		21	27	6
15	17		11.5		1.1	14.3	1	—	—				18	22	8
15	24		17.5		1.1	14.3	1	—	—				28	40	8
19	29		22		1.3	18	1	6.8	80°			-4	38	56	10
21	30		23		1.3	20	1.5	8	80°				42	61	12
23	32		23		1.3	22	1.5	9	80°				52	80	13
28	37		26.5		1.6	27	1.5	11	80°			-6	79	120	16
32	42		30.5		1.6	30.5	1.5	11	60°		15		90	140	20
40	59	0 -300	41	0 -300	1.85	38	2	12	50°				100	160	25
45	64		44.5		1.85	43	2.5	15	50°			-8	160	280	30
52	70		49.5		2.1	49	2.5	17	50°		20		170	320	35
60	80		60.5		2.1	57	3	20	50°			-10	220	410	40
80	100		74		2.6	76.5	3	25	50°			-13	390	810	50
90	110		85		3.15	86.5	3	30	50°		25		480	1020	60
120	140	0 -400	105.5	0 -400	4.15	116	3	40	50°			-20	750	1630	80