

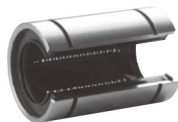
LM Metric Dimension Series Used In Asia



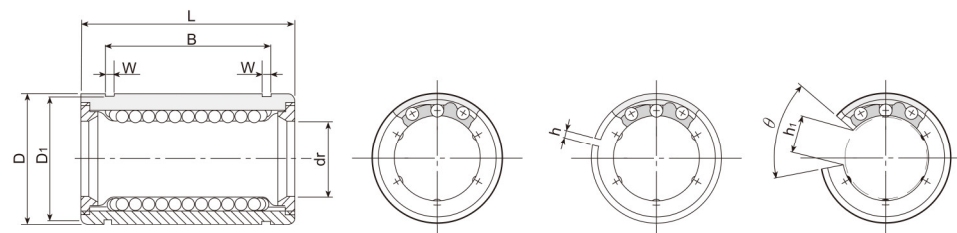
Standard type



AJ type



OP type



LM

LM...AJ

LM...OP

Nominal shaft diameter mm	Model No.									dr	
	LM	Ball circuit	Weight g	LM...AJ	Ball circuit	Weight g	LM...OP	Ball circuit	Weight g	mm	Tolerance μm
	LM...UU			LM...UU-AJ			LM...UU-OP				
3	LM 3	4	1.35	—	—	—	—	—	—	3	0
4	LM 4	4	1.9	—	—	—	—	—	—	4	-8
5	LM 5 LM 5UU	4	4	—	—	—	—	—	—	5	
6	LM 6 LM 6UU	4	7.6	LM6AJ LM6UU-AJ	4	7.5	—	—	—	6	
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	0
12	LM 12 LM 12UU	4	31.5	LM12AJ LM12UU-AJ	4	31	LM12OP LM12UU-OP	3	25	12	-9
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
25	LM 25 LM 25UU	6	220	LM25AJ LM25UU-AJ	6	216	LM25OP LM25UU-OP	5	188	25	-10
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
40	LM 40 LM 40UU	6	585	LM40AJ LM40UU-AJ	6	579	LM40OP LM40UU-OP	5	500	40	-12
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
80	LM 80 LM 80UU	6	4,420	LM80AJ LM80UU-AJ	6	4,300	LM80OP LM80UU-OP	5	3,650	80	-15

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