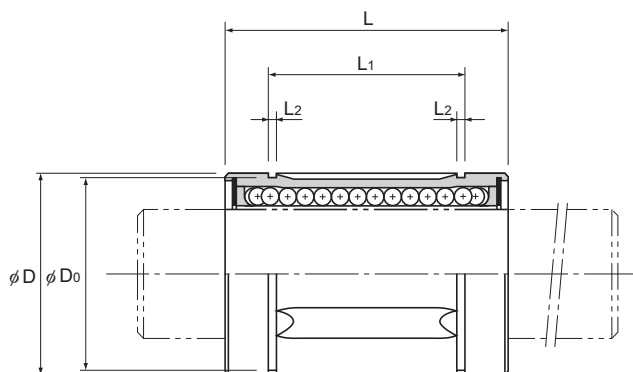


Model LM-MG (Stainless Steel Type)



Model No.			Ball rows	Main						
Standard type	Clearance- adjustable type	Open type		Inscribed bore diameter		Outer diameter		Length		
				dr	Tolerance		D	Tolerance High/Precision	L	Tolerance
					High	Precision				
LM 3M	—	—	4	3	0 -0.008	0 -0.005	7	0 -0.009	10	0 -0.12
LM 4M	—	—	4	4			8		12	
LM 5M	—	—	4	5			10		15	
* LM 6MG	LM 6MG-AJ	—	4	6	0 -0.009	0 -0.006	12	0 -0.011	19	0 -0.2
* LM 8SMG	LM 8SMG-AJ	—	4	8			15		17	
* LM 8MG	* LM 8MG-AJ	—	4	8			15		24	
* LM 10MG	* LM 10MG-AJ	—	4	10			19	29		
* LM 12MG	* LM 12MG-AJ	—	4	12			21	30		
* LM 13MG	* LM 13MG-AJ	* LM13MGA-OP	4	13			23	32		
* LM 16MG	* LM 16MG-AJ	* LM16MGA-OP	4	16	0 -0.010	0 -0.007	28	0 -0.013	37	0 -0.3
* LM 20MG	* LM 20MG-AJ	* LM20MGA-OP	5	20			32		42	
* LM 25MG	* LM 25MG-AJ	* LM25MGA-OP	5	25			40		59	
* LM 30MG	* LM 30MG-AJ	* LM30MGA-OP	6	30			45		64	
* LM 35MG	* LM 35MG-AJ	* LM35MGA-OP	6	35			52		70	
* LM 40MG	* LM 40MG-AJ	* LM40MGA-OP	6	40	0 -0.012	0 -0.008	60	0 -0.019	80	

Note) Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.

If the ambient temperature exceeds 80°C, use the type equipped with a metal retainer and indicate "A" at the end of the model number.

(For those marked with * in the table, metal retainers are available. Only metal retainer is available for open type.)

(Metal retainer types of models LM6MG, 8SMG and 8MG each have 3 rows of balls.)

(Example) LM30MG A

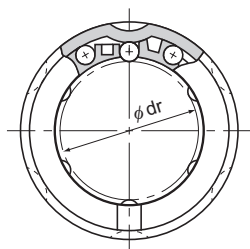
High temperature symbol

If requiring a type equipped with a seal, indicate it when placing an order. (seal heat resistance: 80°C.)

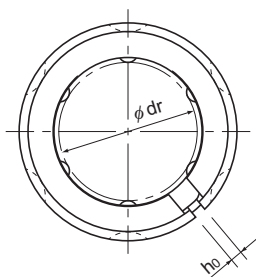
(Example) LM30MG UU

Seal attached on both ends of the nut

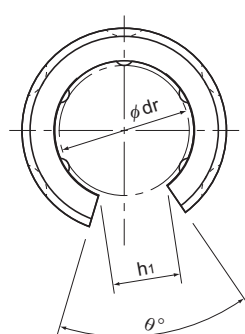
For the clearance-adjustable type (-AJ) and open type (-OP), the inscribed bore diameter tolerance, the outer diameter tolerance, and the eccentricity indicate the values before the division of the nut.



Model LM-MG



Model LM-MG-AJ



Model LM-MG-OP

Unit: mm

dimensions								Eccentricity (max) μm		Radial clearance tolerance μm	Basic load rating		
	L_1	Tolerance	L_2	D_0	h_0	h_1	θ°	High	Precision		C N	C_0 N	Mass g
	—	—	—	—	—	—	—	8	4	-2	88.2	108	1.6
	—	—	—	—	—	—	—	8	4	-3	88.2	127	2.2
10.2			1.1	9.6	—	—	—	8	4	-3	167	206	4
13.5			1.1	11.5	1	—	—	12	8	-5	206	265	6
11.5			1.1	14.3	1	—	—	12	8	-5	176	225	9
17.5			1.1	14.3	1	—	—	12	8	-5	265	402	13
22			1.3	18	1	—	—	12	8	-5	373	549	23
23			1.3	20	1.5	—	—	12	8	-5	412	598	27
23			1.3	22	1.5	9	80	12	8	-7	510	775	35
26.5			1.6	27	1.5	11	80	12	8	-7	775	1180	59
30.5			1.6	30.5	1.5	11	60	15	10	-9	863	1370	79
41			1.85	38	2	12	50	15	10	-9	980	1570	170
44.5			1.85	43	2.5	15	50	15	10	-9	1570	2750	220
49.5			2.1	49	2.5	17	50	20	12	-13	1670	3140	330
60.5			2.1	57	3	20	50	20	12	-13	2160	4020	530

Note) Since the nut and the balls use stainless steel, these models are highly resistant to corrosion and environment.
If a lubrication hole is required, this can be indicated by appending "OH" to the end of the model number.

For further information, contact THK.

When using the Linear Bushing on a single shaft, use two or more bushings on the same shaft to minimize a moment load, and secure a large distance between the units.