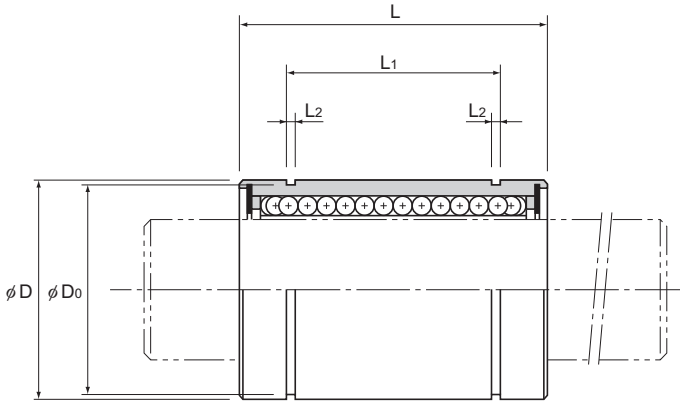


Model LM

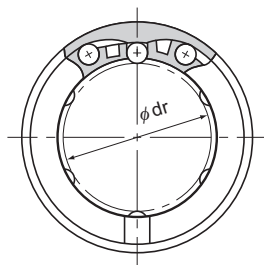


Model No.			Ball rows	Main						
Standard type	Clearance-adjustable type	Open type		Inscribed bore diameter		Outer diameter		Length		
				dr	Tolerance		D	Tolerance	L	Tolerance
				Precision	High	Precision/high				
LM 3	—	—	4	3	0	0	7	0	10	0
LM 4	—	—	4	4			8		12	
LM 5	—	—	4	5			10		15	
LM 6	LM 6-AJ	—	4	6	0	0	12	0	19	0
LM 8S	LM 8S-AJ	—	4	8			15		17	
LM 8	LM 8-AJ	—	4	8			15		24	
LM 10	LM 10-AJ	—	4	10			19		29	
LM 12	LM 12-AJ	LM 12-OP	4	12			21		30	
LM 13	LM 13-AJ	LM 13-OP	4	13			23		32	
LM 16	LM 16-AJ	LM 16-OP	5	16	28	37	0			
LM 20	LM 20-AJ	LM 20-OP	5	20	32	42				
LM 25	LM 25-AJ	LM 25-OP	6	25	40	59				
LM 30	LM 30-AJ	LM 30-OP	6	30	45	64	0			
LM 35	LM 35-AJ	LM 35-OP	6	35	52	70				
LM 40	LM 40-AJ	LM 40-OP	6	40	60	80				
LM 50	LM 50-AJ	LM 50-OP	6	50	80	100				
LM 60	LM 60-AJ	LM 60-OP	6	60	90	110	0			

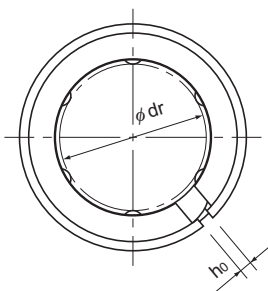
Note) Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.
 If the ambient temperature exceeds 80°C, use the type equipped with a metal retainer (model LM-GA).
 If requiring a type equipped with a seal, indicate it when placing an order.
 (Example) LM13 UU

Seal attached on both ends of the nut

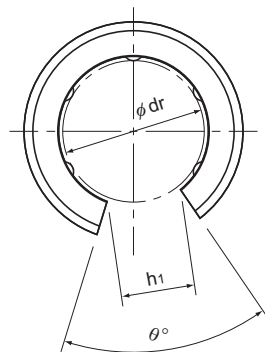
For the clearance-adjustable type (-AJ) and open type (-OP), the inscribed bore diameter tolerance, the outer diameter tolerance, and the eccentricity indicate the values before the division of the nut.



Model LM



Model LM-AJ



Model LM-OP

Unit: mm

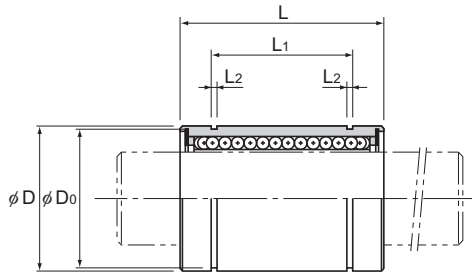
dimensions								Eccentricity (max) μm		Radial clearance tolerance μm	Basic load rating		Mass g
L_1	Tolerance	L_2	D_o	h_o	h_1	θ°	Precision	High	C N		C_o N		
—	—	—	—	—	—	—	4	8	-2	88.2	108	1.4	
—	—	—	—	—	—	—	4	8	-3	88.2	127	1.9	
10.2	0 -0.2	1.1	9.6	—	—	—	4	8	-3	167	206	4	
13.5		1.1	11.5	1	—	—	8	12	-5	206	265	8	
11.5		1.1	14.3	1	—	—	8	12	-5	176	225	11	
17.5		1.1	14.3	1	—	—	8	12	-5	265	402	16	
22		1.3	18	1	—	—	8	12	-5	373	549	30	
23		1.3	20	1.5	8	80	8	12	-5	412	598	31.5	
23		1.3	22	1.5	9	80	8	12	-7	510	775	43	
26.5		1.6	27	1.5	11	60	8	12	-7	775	1180	69	
30.5		1.6	30.5	1.5	11	60	10	15	-9	863	1370	87	
41		1.85	38	2	12	50	10	15	-9	980	1570	220	
44.5	0 -0.3	1.85	43	2.5	15	50	10	15	-9	1570	2750	250	
49.5		2.1	49	2.5	17	50	12	20	-13	1670	3140	390	
60.5		2.1	57	3	20	50	12	20	-13	2160	4020	585	
74		2.6	76.5	3	25	50	12	20	-13	3820	7940	1580	
85		3.15	86.5	3	30	50	17	25	-16	4710	10000	2000	

Note) When using the Linear Bushing on a single shaft, use two or more units (instead of one unit) on the same shaft to avoid a moment load, and secure a large distance between the units.

If an oil hole is required, this can be indicated by appending "OH" to the end of the model number.

For further information, contact THK.

Model LME



Model No.			Ball rows	Main					
Standard type	Clearance-adjustable type	Open type		Inscribed bore diameter		Outer diameter		Length	
				dr	Tolerance	D	Tolerance	L	Tolerance
LME 5	LME 5-AJ	—	4	5	+0.008 0	12	0	22	0 -0.2
LME 8	LME 8-AJ	—	4	8		16	-0.008	25	
LME 12	LME 12-AJ	LME 12-OP	4	12	22	0	32		
LME 16	LME 16-AJ	LME 16-OP	5	16	+0.009	26	-0.009	36	
LME 20	LME 20-AJ	LME 20-OP	5	20	-0.001	32	0 -0.011	45	0 -0.3
LME 25	LME 25-AJ	LME 25-OP	6	25	+0.011	40		58	
LME 30	LME 30-AJ	LME 30-OP	6	30	-0.001	47	68		
LME 40	LME 40-AJ	LME 40-OP	6	40	62	0	80		
LME 50	LME 50-AJ	LME 50-OP	6	50	+0.013 -0.002	75	-0.013	100	
LME 60	LME 60-AJ	LME 60-OP	6	60	+0.016 -0.004	90	0 -0.015	125	0 -0.4
LME 80GA	LME 80GA-AJ	LME 80GA-OP	6	80		120		165	

Note) Since Linear Bushing models LME60 or smaller models are incorporated with a synthetic resin retainer, do not use them 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.

(Example) LME20G A

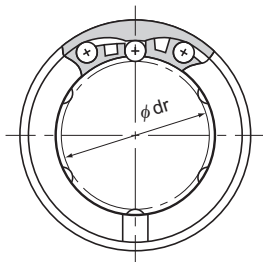
High temperature symbol

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

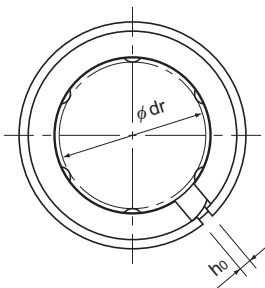
(Example) LME16 UU

Seal attached on both ends of the nut

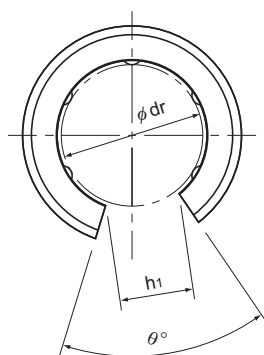
For the clearance-adjustable type (-AJ) and open type (-OP), the inscribed bore diameter tolerance, the outer diameter tolerance, and the eccentricity indicate the values before the division of the nut.



Model LME



Model LME-AJ



Model LME-OP

Unit: mm

dimensions								Eccentricity (max) μm	Radial clearance tolerance μm	Basic load rating		Mass g
L_1	Tolerance	L_2	D_0	h_0	h_1	θ°	C N			C_0 N		
14.5	0 -0.2	1.1	11.5	1	—	—	12	-5	206	265	11	
16.5		1.1	15.2	1	—	—	12	-5	265	402	20	
22.9		1.3	21	1.5	7.5	78	12	-7	510	775	41	
24.9		1.3	24.9	1.5	10	78	12	-7	775	1180	57	
31.5		1.6	30.3	2	10	60	15	-9	863	1370	91	
44.1	0 -0.3	1.85	37.5	2	12.5	60	15	-9	980	1570	215	
52.1		1.85	44.5	2	12.5	50	15	-9	1570	2750	325	
60.6		2.15	59	3	16.8	50	17	-13	2160	4020	705	
77.6		2.65	72	3	21	50	17	-13	3820	7940	1130	
101.7	0 -0.4	3.15	86.5	3	27.2	54	20	-16	4710	10000	2220	
133.7		4.15	116	3	36.3	54	20	-16	7350	16000	5140	

Note) If a metal retainer is used, the Linear Bushing has the shape as shown below.

When using the Linear Bushing on a single shaft, use two or more units (instead of one unit) on the same shaft to avoid a moment load, and secure a large distance between the units.

If an oil hole is required, this can be indicated by appending "OH" to the end of the model number.

For further information, contact THK.



Model LME-GA