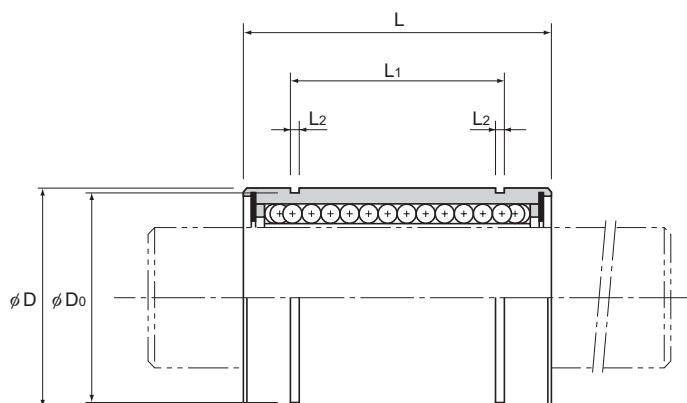


Model LM



Model No.			Ball rows	Main dimensions							
Standard type	Adjustable- clearance type	Open type		Inscribed circle diameter		Outer diameter		Length			
				dr	Tolerance		D	Tolerance High/Precision	L	Tolerance	
					High	Precision					
LM 3	—	—	4	3	0 -0.008	0 -0.005	7	0	10	0 -0.12	
LM 4	—	—	4	4			8	-0.009	12		
LM 5	—	—	4	5			10		15		
LM 6	LM 6-AJ	—	4	6	0 -0.009	0 -0.006	12	0 -0.011	19	0 -0.2	
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	0 -0.013	29		
LM 12	LM 12-AJ	—	4	12			21		30		
LM 13	LM 13-AJ	LM 13N-OP	4	13			23		32		
LM 16	LM 16-AJ	LM 16N-OP	5	16	28		37				
LM 20	LM 20-AJ	LM 20N-OP	5	20	0 -0.010	0 -0.007	32	0	42	0 -0.3	
LM 25	LM 25-AJ	LM 25N-OP	6	25			40	-0.016	59		
LM 30	LM 30-AJ	LM 30N-OP	6	30			45		64		
LM 35N	LM 35N-AJ	LM 35N-OP	6	35	0 -0.012	0 -0.008	52	0	70	0 -0.3	
LM 40N	LM 40N-AJ	LM 40N-OP	6	40			60	-0.019	80		
LM 50N	LM 50N-AJ	LM 50N-OP	6	50			80		100		
LM 60N	LM 60N-AJ	LM 60N-OP	6	60	0 -0.015	0 -0.009	90	0 -0.022	110		

Notes: Since this model contains a synthetic resin retainer, do not use it at temperatures exceeding 80°C.

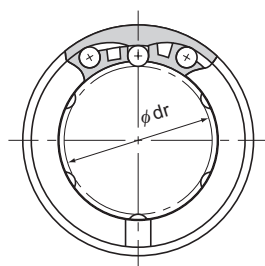
If the ambient temperature exceeds 80°C, use the type equipped with a metal retainer (Model LM-GA).

If requiring a type equipped with a seal, indicate it when placing an order.

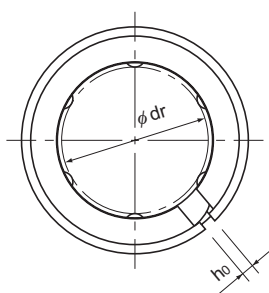
(Example) LM13 UU

└─── Seal attached on both ends of the nut

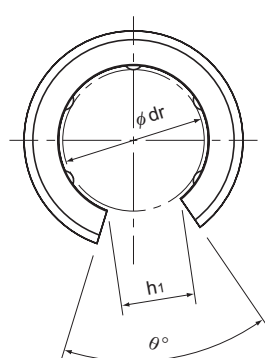
For the adjustable-clearance type (-AJ) and open type (-OP), the inscribed circle diameter tolerance, the outer diameter tolerance, and the eccentricity indicate the values before the division of the nut.



Model LM



Model LM-AJ



Model LM-OP

Unit: mm

								Eccentricity (max)		Basic load rating						Mass g
	L ₁	Tolerance	L ₂	D ₀	h ₀	h ₁	θ°	μm		C(N)			C ₀ (N)			
								High	Precision	Standard Type	Clearance- adjustable Type	Open Type	Standard Type	Clearance- adjustable Type	Open Type	
	—	—	—	—	—	—	—	8	4	88.2	—	—	108	—	—	1.6
	—	—	—	—	—	—	—	8	4	88.2	—	—	127	—	—	2.2
	10.2	0 -0.2	1.1	9.6	—	—	—	8	4	167	—	—	206	—	—	4
	13.5		1.1	11.5	1	—	—	12	8	206	206	—	265	265	—	8
	11.5		1.1	14.3	1	—	—	12	8	176	176	—	225	225	—	9.3
	17.5		1.1	14.3	1	—	—	12	8	265	265	—	402	402	—	13.5
	22		1.3	18	1	—	—	12	8	373	373	—	549	549	—	25
	23		1.3	20	1.5	—	—	12	8	412	412	—	598	598	—	28
	23		1.3	22	1.5	9	80	12	8	510	510	510	775	775	784	38
	26.5		1.6	27	1.5	11	80	12	8	775	775	774	1,180	1,180	1,180	78
	30.5		1.6	30.5	1.5	11	60	15	10	863	863	882	1,370	1,370	1,370	86
	41		1.85	38	2	12	50	15	10	980	980	980	1,570	1,570	1,570	210
	44.5	0 -0.3	1.85	43	2.5	15	50	15	10	1,570	1,570	1,570	2,750	2,750	2,740	221
	49.5		2.1	49	2.5	17	50	20	12	1,670	1,670	1,670	3,140	3,140	3,140	425
	60.5		2.1	57	3	20	50	20	12	2,160	2,160	2,160	4,020	4,020	4,020	654
	74		2.6	76.5	3	25	50	20	12	3,820	3,820	3,820	7,940	7,940	7,940	1,700
	85		3.15	86.5	3	30	50	25	17	4,700	4,700	4,700	10,000	10,000	10,000	2,000

Notes: 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 a lubrication hole is required, this can be indicated by appending "OH" to the end of the model number.

For further information, contact THK.