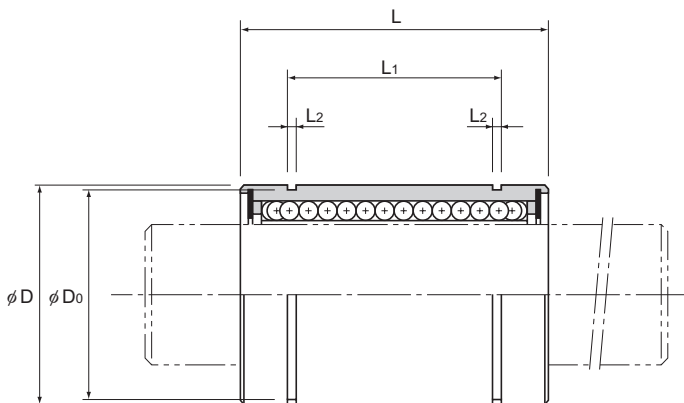


Model LM



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	7	0	10	0	
LM 4	—	—	4	4			8		12		
LM 5	—	—	4	5			10		15		-0.12
LM 6	LM 6-AJ	—	4	6	0	0	12	0	19	-0.2	
LM 8S	LM 8S-AJ	—	4	8			15		17		-0.11
LM 8	LM 8-AJ	—	4	8			15		24		
LM 10	LM 10-AJ	—	4	10			19	29	0		
LM 12	LM 12-AJ	—	4	12			21	30			-0.13
LM 13	LM 13-AJ	LM 13N-OP	4	13			23	32	0		
LM 16	LM 16-AJ	LM 16N-OP	5	16	28	37	-0.3				
LM 20	LM 20-AJ	LM 20N-OP	5	20	32	42		0			
LM 25	LM 25-AJ	LM 25N-OP	6	25	40	59	-0.16				
LM 30	LM 30-AJ	LM 30N-OP	6	30	45	64					
LM 35N	LM 35N-AJ	LM 35N-OP	6	35	52	70	0				
LM 40N	LM 40N-AJ	LM 40N-OP	6	40	60	80		-0.19			
LM 50N	LM 50N-AJ	LM 50N-OP	6	50	80	100					
LM 60N	LM 60N-AJ	LM 60N-OP	6	60	90	110	0	0	-0.22		

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

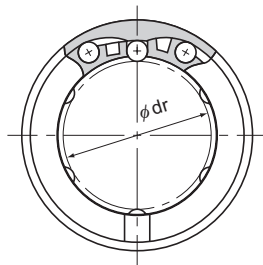
If the ambient temperature exceeds 80°C, use the type equipped with a metal retainer (Model LM-GA).

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

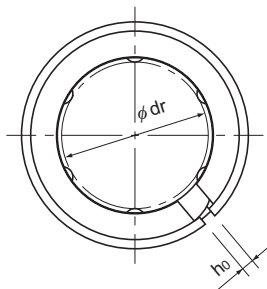
(Example) LM13 UU

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

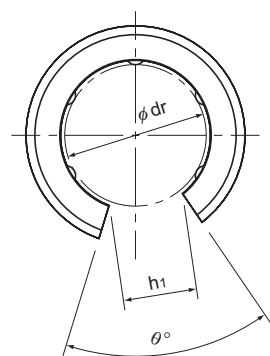
For the adjustable-clearance type (-AJ) and open type (-OP), the inscribed circle diameter tolerance, the outer diameter tolerance, and the eccentricity indicate the values before the division of the nut.



Model LM



Model LM-AJ



Model LM-OP

Unit: mm

	L ₁	Tolerance	L ₂	D ₀	h ₀	h ₁	θ°	Eccentricity (max) μm		Basic load rating						Mass g
								High	Precision	C(N)			C ₀ (N)			
										Standard Type	Clearance-adjustable Type	Open Type	Standard Type	Clearance-adjustable Type	Open Type	
	—	—	—	—	—	—	—	8	4	88.2	—	—	108	—	—	1.6
	10.2	—	—	—	—	—	—	8	4	88.2	—	—	127	—	—	2.2
	—	—	1.1	9.6	—	—	—	8	4	167	—	—	206	—	—	4
	13.5	0 -0.2	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	0 -0.3	1.85	38	2	12	50	15	10	980	980	980	1,570	1,570	1,570	210
	44.5		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.