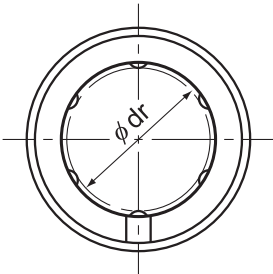


Model LM-L

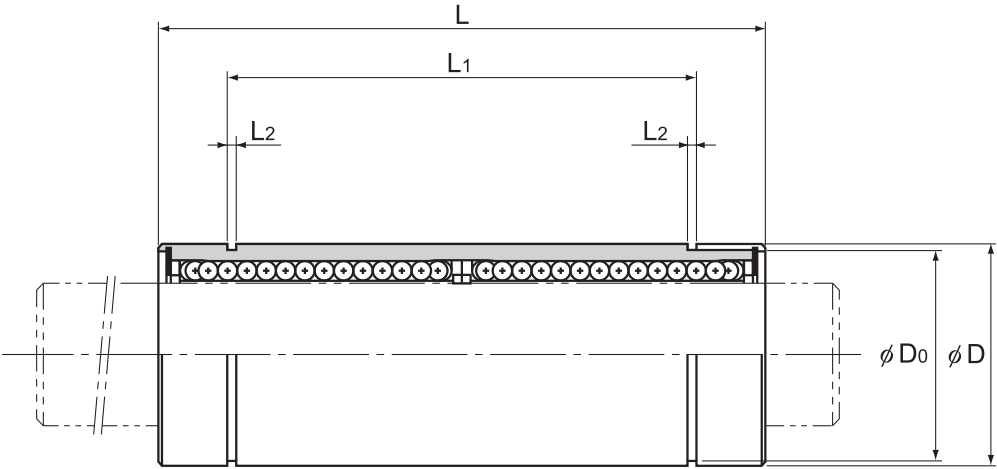


Model LM-L

Model No.	Ball rows	Main					
		Inscribed bore diameter		Outer diameter		Length	
		dr	Tolerance	D	Tolerance	L	Tolerance
LM 3L	4	3	0 -0.010	7	0 -0.013	19	0 -0.3
LM 4L	4	4		8		23	
LM 5L	4	5		10		29	
LM 6L	4	6		12		35	
LM 8L	4	8		15	0 -0.016	45	
LM 10L	4	10		19		55	
LM 12L	4	12		21		57	
LM 13L	4	13		23		61	
LM 16L	5	16	0 -0.012	28	0 -0.019	70	0 -0.4
LM 20L	5	20		32		80	
LM 25L	6	25		40		112	
LM 30L	6	30	0 -0.015	45	0 -0.022	123	
LM 35L	6	35		52		135	
LM 40L	6	40		60		154	
LM 50L	6	50	0 -0.020	80	0 -0.025	192	
LM 60L	6	60		90		211	

Note) Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.
If requiring a type equipped with a seal, indicate it when placing an order.

(Example) LM13L UU
└─── Seal attached on both ends of the nut



Unit: mm

dimensions					Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass g
	L ₁	Tolerance	L ₂	D ₀			C N	C ₀ N	
	—	—	—	—	10	−2	139	216	3
	—		—	—	10	−3	139	254	4
	20	0 −0.3	1.1	9.6	10	−3	263	412	10
	27		1.1	11.5	15	−5	324	529	15
	35		1.1	14.3	15	−5	431	784	26
	44		1.3	18	15	−5	588	1100	48
	46		1.3	20	15	−5	657	1200	56
	46		1.3	22	15	−7	814	1570	75
	53		1.6	27	15	−7	1230	2350	147
	61		1.6	30.5	20	−9	1400	2750	163
	82	0 −0.4	1.85	38	20	−9	1560	3140	397
	89		1.85	43	20	−9	2490	5490	434
	99		2.1	49	25	−13	2650	6270	696
	121		2.1	57	25	−13	3430	8040	1087
	148		2.6	76.5	25	−13	6080	15900	2770
	170		3.15	86.5	25	−16	7650	20000	3340

Note) A stainless steel type (LM3ML to 30ML) is also available. Contact THK for details.
 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.

Options⇒A4-119

THK A4-51



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