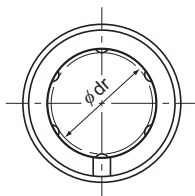


Model LM-L



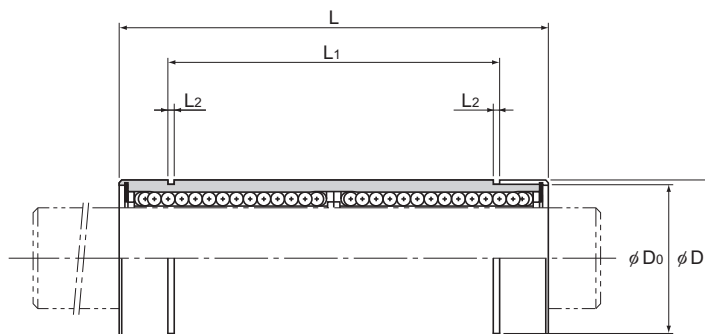
Model LM-L

Model No.	Ball rows	Main dimensions					
		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		45	0 -0.022	123	
LM 35L	6	35	0 -0.015	52		135	
LM 40L	6	40		60		154	
LM 50L	6	50		80		192	
LM 60L	6	60	0 -0.020	90	0 -0.025	211	

Notes: 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

		Tolerance	L ₂	D ₀	Eccentricity (max) μm	Radial clearance tolerance μm	Basic load rating		Mass g
							C N	C ₀ N	
	L ₁								
	—	—	—	—	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

Notes: A stainless steel type (LM3ML to 20ML) is also available. Contact THK for details.

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.