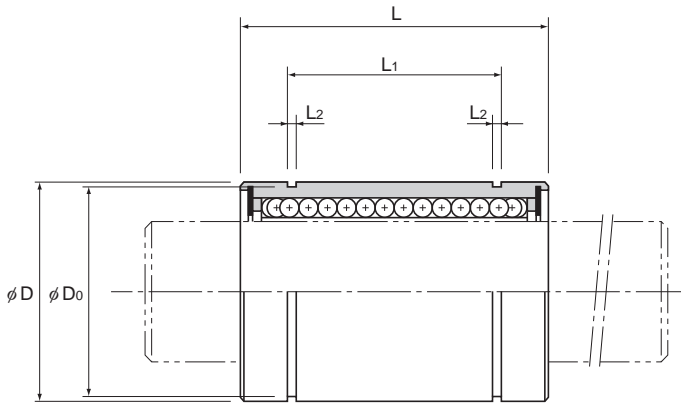


Model LM



Model No.			Ball rows	Main							
Standard type	Clearance-adjustable type	Open type		Inscribed bore diameter		Outer diameter		Length			
				dr	Tolerance		D	Tolerance	L	Tolerance	
LM 3	—	—	4	3	0	0	7	0	10	0	
LM 4	—	—	4	4			8		-0.009		12
LM 5	—	—	4	5			10				15
LM 6	LM 6-AJ	—	4	6	12	0	19				
LM 8S	LM 8S-AJ	—	4	8	15		-0.011	17			
LM 8	LM 8-AJ	—	4	8	15			24			
LM 10	LM 10-AJ	—	4	10	19	0		29			
LM 12	LM 12-AJ	LM 12-OP	4	12	21		-0.013	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					
LM 20	LM 20-AJ	LM 20-OP	5	20	32	0	42				
LM 25	LM 25-AJ	LM 25-OP	6	25	40		-0.016	59			
LM 30	LM 30-AJ	LM 30-OP	6	30	45			64			
LM 35	LM 35-AJ	LM 35-OP	6	35	52	0		70			
LM 40	LM 40-AJ	LM 40-OP	6	40	60		-0.019	80			
LM 50	LM 50-AJ	LM 50-OP	6	50	80			100			
LM 60	LM 60-AJ	LM 60-OP	6	60	90	0		110			

Note) Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.

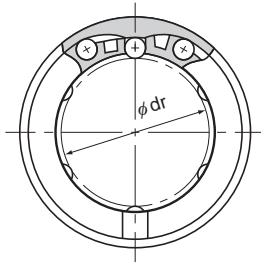
If the ambient temperature exceeds 80°C, use the type equipped with a metal retainer (model LM-GA).

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

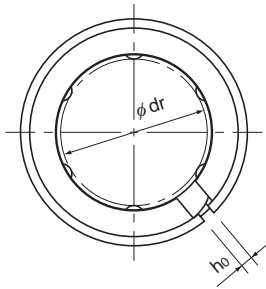
(Example) LM13 UU

U U Seal attached on both ends of the nut

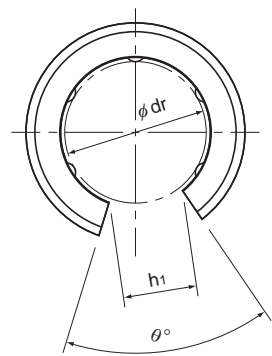
For the clearance-adjustable type (-AJ) and open type (-OP), the inscribed bore diameter tolerance, the outer diameter tolerance, and the eccentricity indicate the values before the division of the nut.



Model LM



Model LM-AJ



Model LM-OP

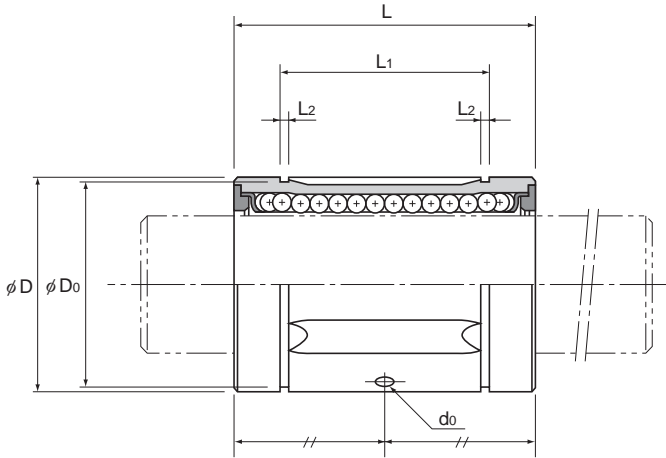
Unit: mm

	dimensions							Eccentricity (max)		Radial clearance tolerance μm	Basic load rating		
	L ₁	Tolerance	L ₂	D ₀	h ₀	h ₁	θ°	μm			C N	C ₀ N	Mass g
								Precision	High				
—	—	—	—	—	—	—	—	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		0 -0.3	—	1.85	38	2	12	50	10	15	-9	980	1570
44.5	—		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 oil holes are required, specify the model number with the OH symbol added to the end.

Model LM-GA (Metal Retainer Type)



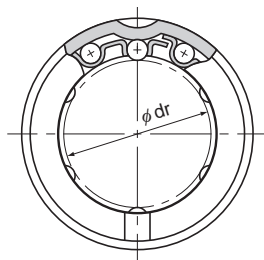
Model No.			Ball rows	Main								
Standard type	Clearance-adjustable type	Open type		Inscribed bore diameter		Outer diameter		Length				
				dr	Tolerance		D	Tolerance Precision/high	L	Tolerance		
				Precision	High							
LM 6GA	—	—	3	6	0	-0.006	0	-0.009	12	0	-0.011	19
LM 8SGA	—	—	3	8					15			17
LM 8GA	—	—	3	8					15			24
LM 10GA	—	—	4	10					19	29		
LM 12GA	LM 12GA-AJ	LM 12GA-OP	4	12					21	30		
LM 13GA	LM 13GA-AJ	LM 13GA-OP	4	13					23	32		
LM 16GA	LM 16GA-AJ	LM 16GA-OP	4	16	28	37	0	-0.2				
LM 20GA	LM 20GA-AJ	LM 20GA-OP	5	20	32	42						
LM 25GA	LM 25GA-AJ	LM 25GA-OP	5	25	40	59						
LM 30GA	LM 30GA-AJ	LM 30GA-OP	6	30	45	64						
LM 35GA	LM 35GA-AJ	LM 35GA-OP	6	35	52	70						
LM 38GA	LM 38GA-AJ	LM 38GA-OP	6	38	57	76						
LM 40GA	LM 40GA-AJ	LM 40GA-OP	6	40	60	80	0	-0.3				
LM 50GA	LM 50GA-AJ	LM 50GA-OP	6	50	80	100						
LM 60GA	LM 60GA-AJ	LM 60GA-OP	6	60	90	110						
LM 80GA	LM 80GA-AJ	LM 80GA-OP	6	80	120	140						
LM 100GA	LM 100GA-AJ	LM 100GA-OP	6	100	150	175						
LM 120A	LM 120A-AJ	LM 120A-OP	8	120	180	200						

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

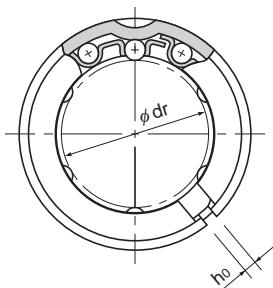
(Example) LM50GA UU

Seal attached on both ends of the nut

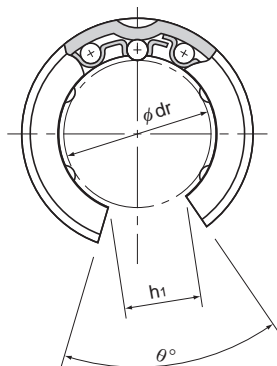
For the clearance-adjustable type (-AJ) and open type (-OP), the inscribed bore diameter tolerance, the outer diameter tolerance, and the eccentricity indicate the values before the division of the nut.



Model LM-GA



Model LM-GA-AJ



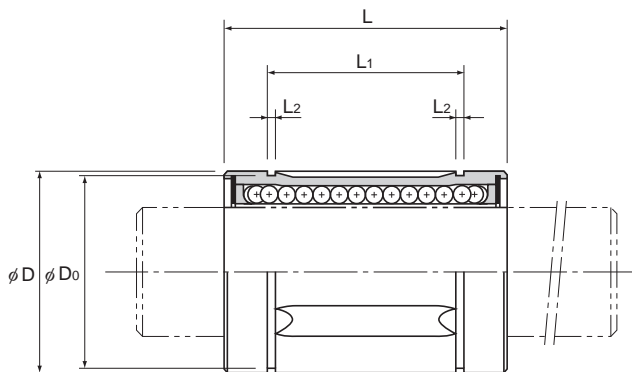
Model LM-GA-OP

Unit: mm

dimensions								Greasing hole	Eccentricity (max) μm		Radial clearance tolerance μm	Basic load rating		Mass g
L_1	Tolerance	L_2	D_0	h_0	h_1	θ°	d_0		Precision	High		C N	C_0 N	
13.5	0 -0.2	1.1	11.5	—	—	—	—	8	12	-5	206	265	8	
11.5		1.1	14.3	—	—	—	—	8	12	-5	176	225	11	
17.5		1.1	14.3	—	—	—	—	8	12	-5	265	402	16	
22		1.3	18	—	—	—	—	2	8	12	-5	373	549	30
23		1.3	20	1.5	7.5	80	2	8	12	-5	412	598	31.5	
23		1.3	22	1.5	9	80	2	8	12	-7	510	775	43	
26.5		1.6	27	1.5	11	60	2.3	8	12	-7	775	1180	69	
30.5		1.6	30.5	2	11	60	2.3	10	15	-9	863	1370	87	
41	0 -0.3	1.85	38	2	13	60	3	10	15	-9	980	1570	220	
44.5		1.85	43	2.5	15	50	3	10	15	-9	1570	2750	250	
49.5		2.1	49	2.5	17	50	3	12	20	-13	1670	3140	390	
58.5		2.1	54.5	3	18	50	3	12	20	-13	2160	4020	565	
60.5		2.1	57	3	20	50	3	12	20	-13	2160	4020	585	
74		2.6	76.5	3	25	50	4	12	20	-13	3820	7940	1580	
85		3.15	86.5	3	30	50	4	17	25	-16	4710	10000	2000	
105.5		0 -0.4	4.15	116	3	40	50	4	17	25	-16	7350	16000	4520
125.5	4.15		145	3	50	50	4	20	30	-20	14100	34800	8600	
158.6	4.15		175	4	85	80	5	20	30	-25	16400	40000	15000	

Note) When using the Linear Bushing on a single shaft, use two or more bushings on the same shaft to minimize a moment load, and secure a large distance between the units.
Model LM-GA has oil holes as a standard feature.

Model LM-MG (Stainless Steel Type)



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	Precision/high			
LM 3M	—	—	4	3	0 -0.005	0 -0.008	7	0 -0.009	10	0 -0.12
LM 4M	—	—	4	4			8		12	
LM 5M	—	—	4	5			10		15	
* LM 6MG	LM 6MG-AJ	—	4	6	0 -0.006	0 -0.009	12	0 -0.011	19	0 -0.2
* LM 8SMG	LM 8SMG-AJ	—	4	8			15		17	
* LM 8MG	* LM 8MG-AJ	—	4	8			15		24	
* LM 10MG	* LM 10MG-AJ	—	4	10			19		29	
* LM 12MG	* LM 12MG-AJ	—	4	12			21		30	
* LM 13MG	* LM 13MG-AJ	* LM13MGA-OP	4	13			23		32	
* LM 16MG	* LM 16MG-AJ	* LM16MGA-OP	4	16	28	37				
* LM 20MG	* LM 20MG-AJ	* LM20MGA-OP	5	20	0 -0.007	0 -0.010	32	0 -0.016	42	0 -0.3
* LM 25MG	* LM 25MG-AJ	* LM25MGA-OP	5	25			40		59	
* LM 30MG	* LM 30MG-AJ	* LM30MGA-OP	6	30			45		64	
* LM 35MG	* LM 35MG-AJ	* LM35MGA-OP	6	35			52		70	
* LM 40MG	* LM 40MG-AJ	* LM40MGA-OP	6	40	-0.008	-0.012	60	-0.019	80	

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 and indicate "A" at the end of the model number.

(For those marked with * in the table, metal retainers are available. Only metal retainer is available for open type.)

(Metal retainer types of models LM6MG, 8SMG and 8MG each have 3 rows of balls.)

(Example) LM30MG A

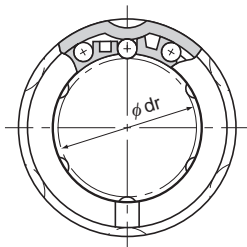
High temperature symbol

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

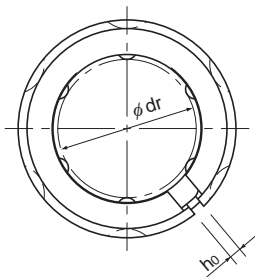
(Example) LM30MG UU

Seal attached on both ends of the nut

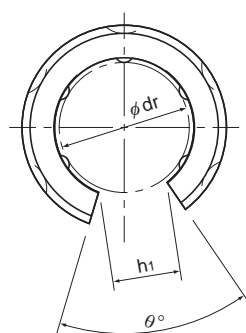
For the clearance-adjustable type (-AJ) and open type (-OP), the inscribed bore diameter tolerance, the outer diameter tolerance, and the eccentricity indicate the values before the division of the nut.



Model LM-MG



Model LM-MG-AJ



Model LM-MG-OP

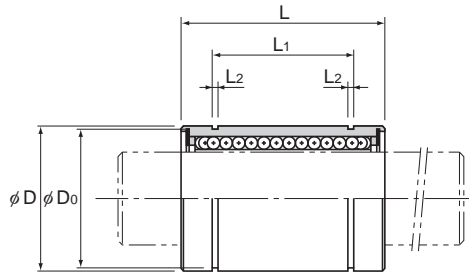
Unit: mm

dimensions								Eccentricity (max) μm		Radial clearance tolerance μm	Basic load rating		
L ₁	Tolerance	L ₂	D ₀	h ₀	h ₁	θ°	Precision	High	C N		C ₀ N	Mass g	
—	—	—	—	—	—	—	4	8	-2	88.2	108	1.4	
—	—	—	—	—	—	—	4	8	-3	88.2	127	1.9	
10.2	-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	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	80	8	12	-7	775	1180	69	
30.5		1.6	30.5	1.5	11	60	10	15	-9	863	1370	87	
41		-0.3	1.85	38	2	12	50	10	15	-9	980	1570	220
44.5	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	

Note) Since the nut and the balls use stainless steel, these models are highly resistant to corrosion and environment.
If oil holes are required, specify the model number with the OH symbol added to the end.

When using the Linear Bushing on a single shaft, use two or more bushings on the same shaft to minimize a moment load, and secure a large distance between the units.

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	+0.009 -0.001	22	0	32	
LME 16	LME 16-AJ	LME 16-OP	5	16		32	0	36	
LME 20	LME 20-AJ	LME 20-OP	5	20	+0.011 -0.001	40	-0.011	45	0 -0.3
LME 25	LME 25-AJ	LME 25-OP	6	25		47		58	
LME 30	LME 30-AJ	LME 30-OP	6	30	+0.013 -0.002	62	0	68	
LME 40	LME 40-AJ	LME 40-OP	6	40		75	-0.013	80	
LME 50	LME 50-AJ	LME 50-OP	6	50	+0.016 -0.004	90	0 -0.015	100	0 -0.4
LME 60	LME 60-AJ	LME 60-OP	6	60		125			
LME 80	LME 80-AJ	LME 80-OP	6	80	165				

Note) Since Linear Bushing models LME50 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

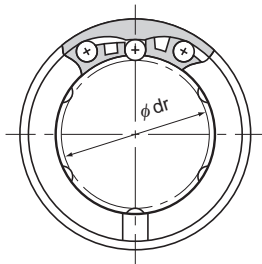
High temperature symbol

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

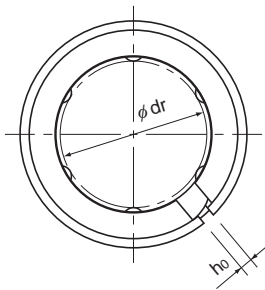
(Example) LME16 UU

Seal attached on both ends of the nut

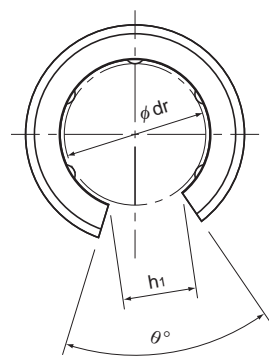
For the clearance-adjustable type (-AJ) and open type (-OP), the inscribed bore diameter tolerance, the outer diameter tolerance, and the eccentricity indicate the values before the division of the nut.



Model LME



Model LME-AJ



Model LME-OP

Unit: mm

dimensions								Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass g
L_1	Tolerance	L_2	D_o	h_o	h_1	θ°	μm			μm	C 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.

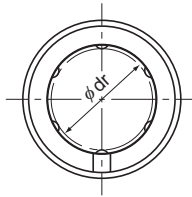
When using the Linear Bushing on a single shaft, use two or more units (instead of one unit) on the same shaft to avoid a moment load, and secure a large distance between the units.

If oil holes are required, specify the model number with the OH symbol added to the end.



Model LME-GA

Model LM-L



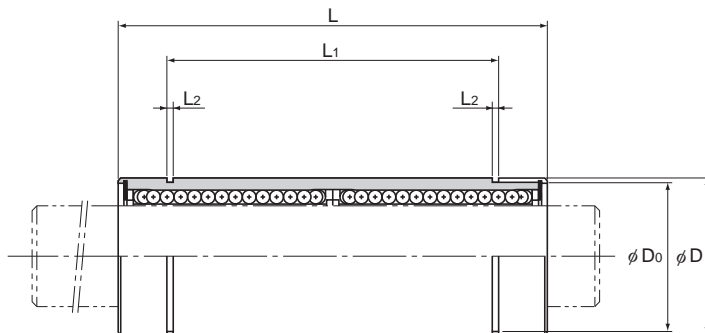
Model LM-L

Model No. Standard type	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				
LM 5L	4	5		10				
LM 6L	4	6		12				
LM 8L	4	8		15				
LM 10L	4	10		19	0 -0.016	55		
LM 12L	4	12		21		57		
LM 13L	4	13		23		61		
LM 16L	5	16		28		70		
LM 20L	5	20		0 -0.012	32	0 -0.019		80
LM 25L	6	25	40		112			
LM 30L	6	30	45		123			
LM 35L	6	35	0 -0.015	52	0 -0.022	135		
LM 40L	6	40		60		154		
LM 50L	6	50		80		192		
LM 60L	6	60		90		211		
			0 -0.020		0 -0.025			

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



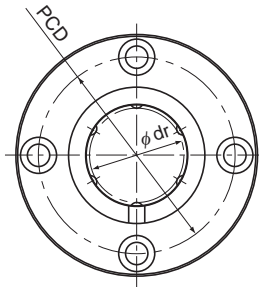
Unit: mm

dimensions					Eccentricity (max) μm	Radial clearance tolerance μm	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	8	
27		1.1	11.5	15	-5	324	529	16	
35		1.1	14.3	15	-5	431	784	31	
44		1.3	18	15	-5	588	1100	62	
46		1.3	20	15	-5	657	1200	80	
46		1.3	22	15	-7	814	1570	90	
53		1.6	27	15	-7	1230	2350	145	
61		1.6	30.5	20	-9	1400	2750	180	
82		0 -0.4	1.85	38	20	-9	1560	3140	440
89			1.85	43	20	-9	2490	5490	580
99	2.1		49	25	-13	2650	6270	795	
121	2.1		57	25	-13	3430	8040	1170	
148	2.6		76.5	25	-13	6080	15900	3100	
170	3.15		86.5	25	-16	7650	20000	3500	

Note) A stainless steel type is also available. Contact THK for details.

If oil holes are required, specify the model number with the OH symbol added to the end.

Model LMF



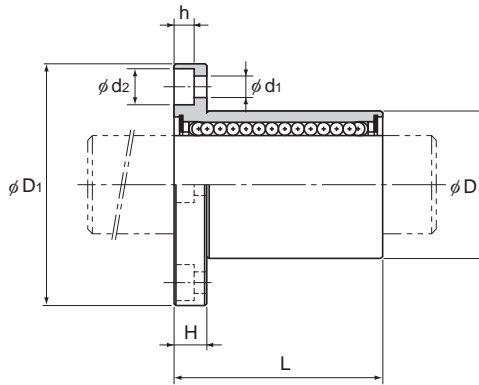
Model LMF

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D _i	Tolerance
LMF 6	4	6	0 -0.009	12	0 -0.011	19	0 -0.2	28	0 -0.2
LMF 8S	4	8		15		17		32	
LMF 8	4	8		15	24	32			
LMF 10	4	10		19	29	39			
LMF 12	4	12	21	0 -0.013	30	42			
LMF 13	4	13	23	32	43				
LMF 16	5	16	28	37	48				
LMF 20	5	20	32	42	54				
LMF 25	6	25	0 -0.010	40	0 -0.016	59	62		
LMF 30	6	30	45	64	74				
LMF 35	6	35	0	52	0	70	82		
LMF 40	6	40	-0.012	60	-0.019	80	96		
LMF 50	6	50	0	80	0	100	116		
LMF 60	6	60	0 -0.015	90	0 -0.022	110	134	0 -0.3	

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) LMF25 UU

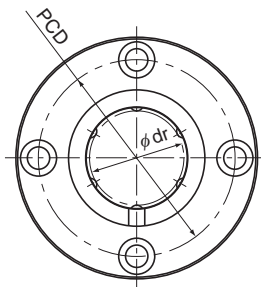
└── Seal attached on both ends of the nut



Unit: mm

	H	PCD	Mounting hole d ₁ × d ₂ × h	Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass g
				μm	μm	μm	C N	C ₀ N	
	5	20	3.4 × 6.5 × 3.3	12	12	-5	206	265	26.5
	5	24	3.4 × 6.5 × 3.3	12	12	-5	176	225	34
	5	24	3.4 × 6.5 × 3.3	12	12	-5	265	402	40
	6	29	4.5 × 8 × 4.4	12	12	-5	373	549	78
	6	32	4.5 × 8 × 4.4	12	12	-5	412	598	76
	6	33	4.5 × 8 × 4.4	12	12	-7	510	775	94
	6	38	4.5 × 8 × 4.4	12	12	-7	775	1180	134
	8	43	5.5 × 9.2 × 5.4	15	15	-9	863	1370	180
	8	51	5.5 × 9.2 × 5.4	15	15	-9	980	1570	340
	10	60	6.6 × 11 × 6.5	15	15	-9	1570	2750	460
	10	67	6.6 × 11 × 6.5	20	20	-13	1670	3140	795
	13	78	9 × 14 × 8.6	20	20	-13	2160	4020	1054
	13	98	9 × 14 × 8.6	20	20	-13	3820	7940	2200
	18	112	11 × 17.5 × 10.8	25	25	-13	4710	10000	2960

Model LMF-M (Stainless Steel Type)



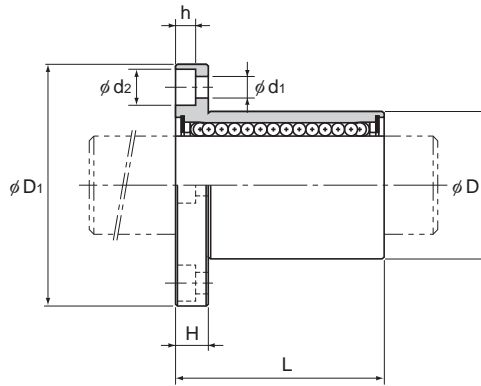
Model LMF-M

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D _f	Tolerance
LMF 6M	4	6	0 -0.009	12	0 -0.011	19	0 -0.2	28	0 -0.2
LMF 8SM	4	8		15		17		32	
LMF 8M	4	8		15	24	32			
LMF 10M	4	10		19	29	39			
LMF 12M	4	12	21	0 -0.013	30	42			
LMF 13M	4	13	23	32	43				
LMF 16M	5	16	28	37	48				
LMF 20M	5	20	32	0 -0.016	42	54			
LMF 25M	6	25	40	59	0 -0.3	62			
LMF 30M	6	30	45	64	74				

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) LMF20M UU

└── Seal attached on both ends of the nut

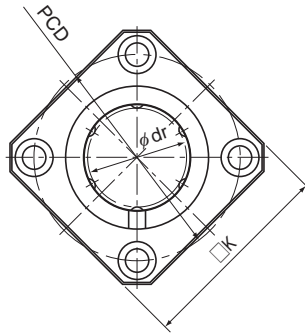


Unit: mm

	H	PCD	Mounting hole d ₁ × d ₂ × h	Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass g
				μm	μm	μm	C N	C ₀ N	
	5	20	3.4 × 6.5 × 3.3	12	12	-5	206	265	26.5
	5	24	3.4 × 6.5 × 3.3	12	12	-5	176	225	34
	5	24	3.4 × 6.5 × 3.3	12	12	-5	265	402	40
	6	29	4.5 × 8 × 4.4	12	12	-5	373	549	78
	6	32	4.5 × 8 × 4.4	12	12	-5	412	598	76
	6	33	4.5 × 8 × 4.4	12	12	-7	510	775	94
	6	38	4.5 × 8 × 4.4	12	12	-7	775	1180	134
	8	43	5.5 × 9.2 × 5.4	15	15	-9	863	1370	180
	8	51	5.5 × 9.2 × 5.4	15	15	-9	980	1570	340
	10	60	6.6 × 11 × 6.5	15	15	-9	1570	2750	460

Note) Since the nut and the balls use stainless steel, these models are highly resistant to corrosion and environment.

Model LMK



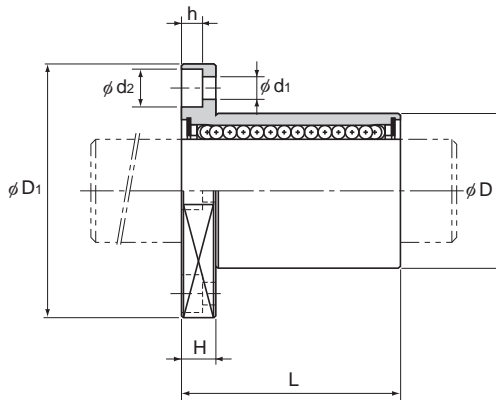
Model LMK

Model No.	Ball rows	Main dimensions								
		Inscribed bore diameter		Outer diameter		Length		Flange diameter		
		dr	Tolerance	D	Tolerance	L	Tolerance	D _i	Tolerance	
LMK 6	4	6	0 -0.009	12	0 -0.011	19	0 -0.2	28	0 -0.2	
LMK 8S	4	8		15		17		32		
LMK 8	4	8		15		24		32		
LMK 10	4	10		19	29	39				
LMK 12	4	12		21	0 -0.013	30		42		
LMK 13	4	13		23	32	43				
LMK 16	5	16		28	37	48				
LMK 20	5	20		32	42	54				
LMK 25	6	25		0 -0.010	40	0 -0.016		59		62
LMK 30	6	30		45	64	74				
LMK 35	6	35	0 -0.012	52	0 -0.019	70	0 -0.3	82	0 -0.3	
LMK 40	6	40		60		80		96		
LMK 50	6	50		80		100		116		
LMK 60	6	60		0 -0.015		90		0 -0.022		110

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) LMK13 UJ

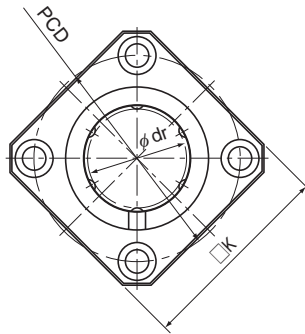
└── Seal attached on both ends of the nut



Unit: mm

	K	H	PCD	Mounting hole $d_1 \times d_2 \times h$	Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass g
					μm	μm	μm	C N	C_0 N	
	22	5	20	$3.4 \times 6.5 \times 3.3$	12	12	-5	206	265	18.5
	25	5	24	$3.4 \times 6.5 \times 3.3$	12	12	-5	176	225	23
	25	5	24	$3.4 \times 6.5 \times 3.3$	12	12	-5	265	402	29
	30	6	29	$4.5 \times 8 \times 4.4$	12	12	-5	373	549	61
	32	6	32	$4.5 \times 8 \times 4.4$	12	12	-5	412	598	56
	34	6	33	$4.5 \times 8 \times 4.4$	12	12	-7	510	775	75
	37	6	38	$4.5 \times 8 \times 4.4$	12	12	-7	775	1180	104
	42	8	43	$5.5 \times 9.2 \times 5.4$	15	15	-9	863	1370	145
	50	8	51	$5.5 \times 9.2 \times 5.4$	15	15	-9	980	1570	300
	58	10	60	$6.6 \times 11 \times 6.5$	15	15	-9	1570	2750	375
	64	10	67	$6.6 \times 11 \times 6.5$	20	20	-13	1670	3140	692
	75	13	78	$9 \times 14 \times 8.6$	20	20	-13	2160	4020	864
	92	13	98	$9 \times 14 \times 8.6$	20	20	-13	3820	7940	2020
	106	18	112	$11 \times 17.5 \times 10.8$	25	25	-13	4710	10000	2520

Model LMK-M (Stainless Steel Type)



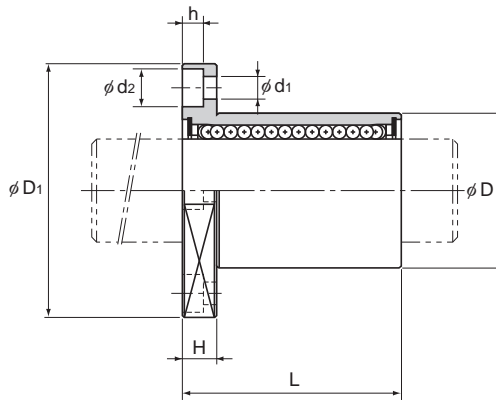
Model LMK-M

Model No.	Ball rows	Main dimensions								
		Inscribed bore diameter		Outer diameter		Length		Flange diameter		
		dr	Tolerance	D	Tolerance	L	Tolerance	D _i	Tolerance	
LMK 6M	4	6	0 -0.009	12	0 -0.011	19	0 -0.2	28	0 -0.2	
LMK 8SM	4	8		15		17		32		
LMK 8M	4	8		15		24		32		
LMK 10M	4	10		19	29	39				
LMK 12M	4	12		21	0 -0.013	30		42		
LMK 13M	4	13		23	32	43				
LMK 16M	5	16		28	37	48				
LMK 20M	5	20		32	42	54				
LMK 25M	6	25		0 -0.010	40 -0.016	59		0		62
LMK 30M	6	30		45	64	-0.3		74		

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) LMK25M UU

└── Seal attached on both ends of the nut

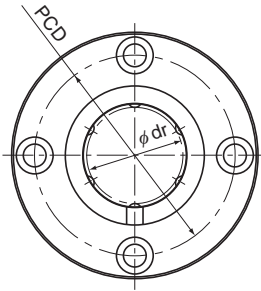


Unit: mm

	K	H	PCD	Mounting hole $d_1 \times d_2 \times h$	Flange perpendicularity μm	Eccentricity (max) μm	Radial clearance tolerance μm	Basic load rating		Mass g
								C N	C_0 N	
	22	5	20	$3.4 \times 6.5 \times 3.3$	12	12	-5	206	265	18.5
	25	5	24	$3.4 \times 6.5 \times 3.3$	12	12	-5	176	225	23
	25	5	24	$3.4 \times 6.5 \times 3.3$	12	12	-5	265	402	29
	30	6	29	$4.5 \times 8 \times 4.4$	12	12	-5	373	549	61
	32	6	32	$4.5 \times 8 \times 4.4$	12	12	-5	412	598	56
	34	6	33	$4.5 \times 8 \times 4.4$	12	12	-7	510	775	75
	37	6	38	$4.5 \times 8 \times 4.4$	12	12	-7	775	1180	104
	42	8	43	$5.5 \times 9.2 \times 5.4$	15	15	-9	863	1370	145
	50	8	51	$5.5 \times 9.2 \times 5.4$	15	15	-9	980	1570	300
	58	10	60	$6.6 \times 11 \times 6.5$	15	15	-9	1570	2750	375

Note) Since the nut and the balls use stainless steel, these models are highly resistant to corrosion and environment.

Model LMF-L



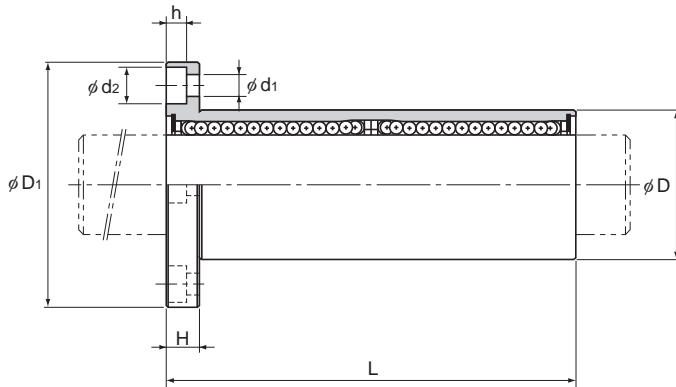
Model LMF-L

Model No. Standard type	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMF 6L	4	6	0 -0.010	12	0	35	0 -0.3	28	0 -0.2
LMF 8L	4	8		15	-0.013	45		32	
LMF 10L	4	10		19	0 -0.016	55		39	
LMF 12L	4	12		21		57		42	
LMF 13L	4	13		23		61		43	
LMF 16L	5	16		28	70	48		0 -0.4	
LMF 20L	5	20	32	80	54				
LMF 25L	6	25	40	112	62				
LMF 30L	6	30	45	123	74				
LMF 35L	6	35	52	135	82				
LMF 40L	6	40	60	154	96				
LMF 50L	6	50	80	192	116	0 -0.3			
LMF 60L	6	60	90	211	134				

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) LMF35L UU

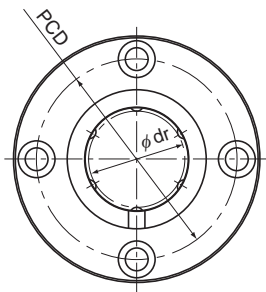
└─── Seal attached on both ends of the nut



Unit: mm

	H	PCD	Mounting hole d ₁ × d ₂ × h	Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass g
				μm	μm	μm	C N	C ₀ N	
	5	20	3.4 × 6.5 × 3.3	15	15	-5	324	529	32
	5	24	3.4 × 6.5 × 3.3	15	15	-5	431	784	53
	6	29	4.5 × 8 × 4.4	15	15	-5	588	1100	105
	6	32	4.5 × 8 × 4.4	15	15	-5	657	1200	100
	6	33	4.5 × 8 × 4.4	15	15	-7	814	1570	130
	6	38	4.5 × 8 × 4.4	15	15	-7	1230	2350	187
	8	43	5.5 × 9.2 × 5.4	20	20	-9	1400	2750	260
	8	51	5.5 × 9.2 × 5.4	20	20	-9	1560	3140	515
	10	60	6.6 × 11 × 6.5	20	20	-9	2490	5490	655
	10	67	6.6 × 11 × 6.5	25	25	-13	2650	6270	970
	13	78	9 × 14 × 8.6	25	25	-13	3430	8040	1560
	13	98	9 × 14 × 8.6	25	25	-13	6080	15900	3500
	18	112	11 × 17.5 × 10.8	25	25	-13	7650	20000	4500

Model LMF-ML (Stainless Steel Type)



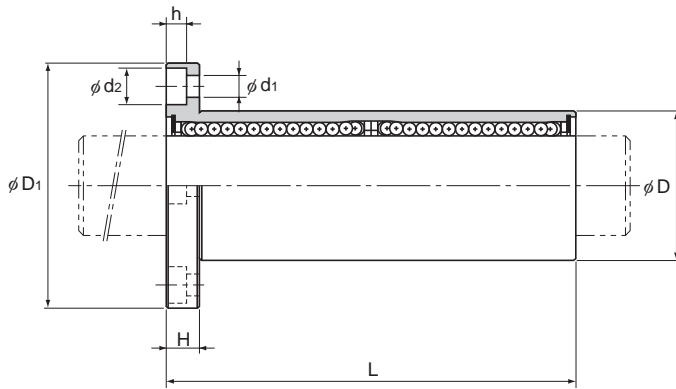
Model LMF-ML

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMF 6ML	4	6	0 -0.010	12	0	35	0 -0.3	28	0 -0.2
LMF 8ML	4	8		15	-0.013	45		32	
LMF 10ML	4	10		19	0 -0.016	55		39	
LMF 12ML	4	12		21		57		42	
LMF 13ML	4	13	23	0 -0.019	61	43			
LMF 16ML	5	16	28		70	48			
LMF 20ML	5	20	32	0 -0.012	80	54			
LMF 25ML	6	25	40		112	0	62		
LMF 30ML	6	30	45		-0.019	123	-0.4	74	

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) LMF13ML UU

└── Seal attached on both ends of the nut

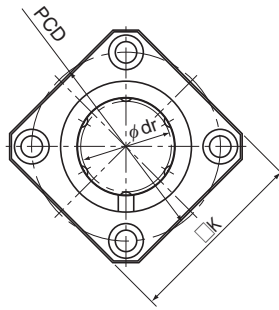


Unit: mm

	H	PCD	Mounting hole d. × d. × h	Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass g
				μm	μm	μm	C N	C ₀ N	
	5	20	3.4 × 6.5 × 3.3	15	15	-5	324	529	32
	5	24	3.4 × 6.5 × 3.3	15	15	-5	431	784	53
	6	29	4.5 × 8 × 4.4	15	15	-5	588	1100	105
	6	32	4.5 × 8 × 4.4	15	15	-5	657	1200	100
	6	33	4.5 × 8 × 4.4	15	15	-7	814	1570	130
	6	38	4.5 × 8 × 4.4	15	15	-7	1230	2350	187
	8	43	5.5 × 9.2 × 5.4	20	20	-9	1400	2750	260
	8	51	5.5 × 9.2 × 5.4	20	20	-9	1560	3140	515
	10	60	6.6 × 11 × 6.5	20	20	-9	2490	5490	655

Note) Since the nut and the balls use stainless steel, these models are highly resistant to corrosion and environment.

Model LMK-L



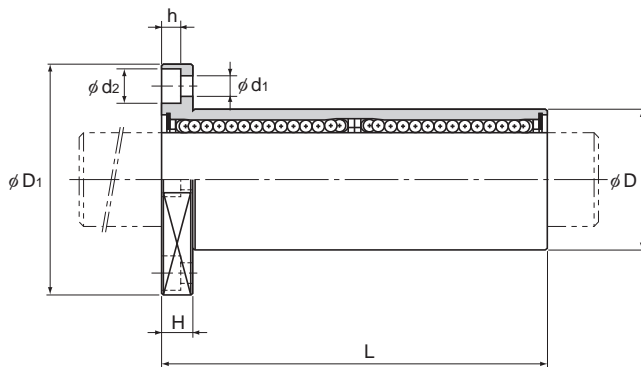
Model LMK-L

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMK 6L	4	6	0 -0.010	12	0	35	0 -0.3	28	0 -0.2
LMK 8L	4	8		15	-0.013	45		32	
LMK 10L	4	10		19	0 -0.016	55		39	
LMK 12L	4	12		21		57		42	
LMK 13L	4	13	23	0 -0.012	61	0 -0.4	43	0 -0.2	
LMK 16L	5	16	28		70		48		
LMK 20L	5	20	32	0	80	0 -0.019	54	0 -0.2	
LMK 25L	6	25	40	-0.019	112		62		
LMK 30L	6	30	45	0 -0.015	123	0 -0.4	74	0 -0.3	
LMK 35L	6	35	52		135		82		
LMK 40L	6	40	60		0		154		96
LMK 50L	6	50	80		-0.022		192		116
LMK 60L	6	60	0	90	0	211	134	-0.3	

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) LMK50L UU

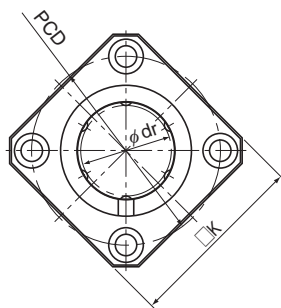
└─── Seal attached on both ends of the nut



Unit: mm

	K	H	PCD	Mounting hole $d_1 \times d_2 \times h$	Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass g
					μm	μm	μm	C N	C_0 N	
	22	5	20	$3.4 \times 6.5 \times 3.3$	15	15	-5	324	529	26
	25	5	24	$3.4 \times 6.5 \times 3.3$	15	15	-5	431	784	46
	30	6	29	$4.5 \times 8 \times 4.4$	15	15	-5	588	1100	88
	32	6	32	$4.5 \times 8 \times 4.4$	15	15	-5	657	1200	82
	34	6	33	$4.5 \times 8 \times 4.4$	15	15	-7	814	1570	108
	37	6	38	$4.5 \times 8 \times 4.4$	15	15	-7	1230	2350	160
	42	8	43	$5.5 \times 9.2 \times 5.4$	20	20	-9	1400	2750	230
	50	8	51	$5.5 \times 9.2 \times 5.4$	20	20	-9	1560	3140	475
	58	10	60	$6.6 \times 11 \times 6.5$	20	20	-9	2490	5490	575
	64	10	67	$6.6 \times 11 \times 6.5$	25	25	-13	2650	6270	870
	75	13	78	$9 \times 14 \times 8.6$	25	25	-13	3430	8040	1380
	92	13	98	$9 \times 14 \times 8.6$	25	25	-13	6080	15900	3300
	106	18	112	$11 \times 17.5 \times 10.8$	25	25	-13	7650	20000	4060

Model LMK-ML (Stainless Steel Type)



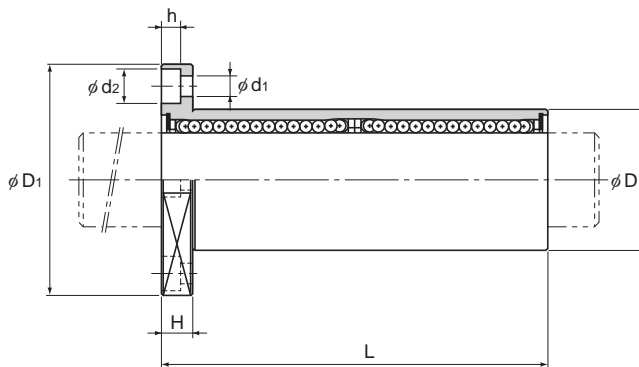
Model LMK-ML

Model No. Standard type	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMK 6ML	4	6	0 -0.010	12	0	35	0 -0.3	28	0 -0.2
LMK 8ML	4	8		15	-0.013	45		32	
LMK 10ML	4	10		19	0 -0.016	55		39	
LMK 12ML	4	12		21		57		42	
LMK 13ML	4	13		23		61		43	
LMK 16ML	5	16	28	70	48				
LMK 20ML	5	20	32	0	80	54			
LMK 25ML	6	25	40	0 -0.019	112	0	62		
LMK 30ML	6	30	45		123	-0.4	74		

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) LMK8ML UU

└── Seal attached on both ends of the nut

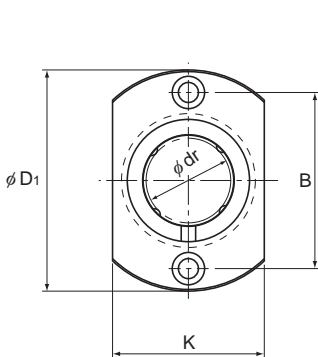


Unit: mm

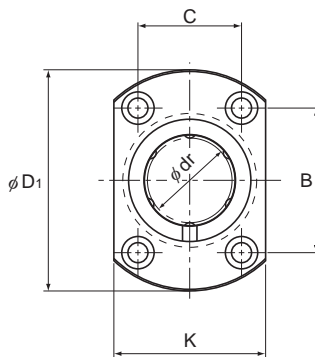
	K	H	PCD	Mounting hole $d_1 \times d_2 \times h$	Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass g
					μm	μm	μm	C N	C_0 N	
	22	5	20	$3.4 \times 6.5 \times 3.3$	15	15	-5	324	529	26
	25	5	24	$3.4 \times 6.5 \times 3.3$	15	15	-5	431	784	46
	30	6	29	$4.5 \times 8 \times 4.4$	15	15	-5	588	1100	88
	32	6	32	$4.5 \times 8 \times 4.4$	15	15	-5	657	1200	82
	34	6	33	$4.5 \times 8 \times 4.4$	15	15	-7	814	1570	108
	37	6	38	$4.5 \times 8 \times 4.4$	15	15	-7	1230	2350	160
	42	8	43	$5.5 \times 9.2 \times 5.4$	20	20	-9	1400	2750	230
	50	8	51	$5.5 \times 9.2 \times 5.4$	20	20	-9	1560	3140	475
	58	10	60	$6.6 \times 11 \times 6.5$	20	20	-9	2490	5490	575

Note) Since the nut and the balls use stainless steel, these models are highly resistant to corrosion and environment.

Model LMH



Models LMH6 to 13



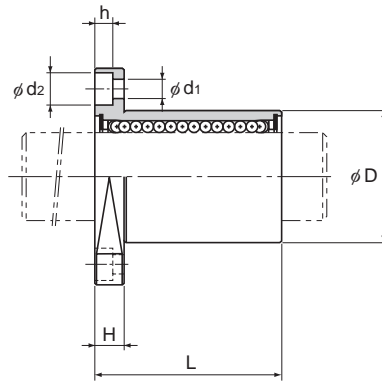
Models LMH16 to 30

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Length		Flange diameter	
Standard type		dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMH 6	4	6	0 -0.009	12	0	19	0 -0.2	28	0 -0.2
LMH 8	4	8		15	-0.011	24		32	
LMH 10	4	10		19	0	29		39	
LMH 12	4	12		21	0	30		42	
LMH 13	4	13	23	-0.013	32	43			
LMH 16	5	16	28	0	37	48			
LMH 20	5	20	32	0	42	54			
LMH 25	6	25	40	-0.016	59	0	62		
LMH 30	6	30	45	-0.016	64	-0.3	74		

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) LMH16 UU

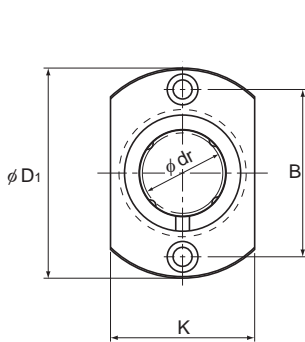
└─── Seal attached on both ends of the nut



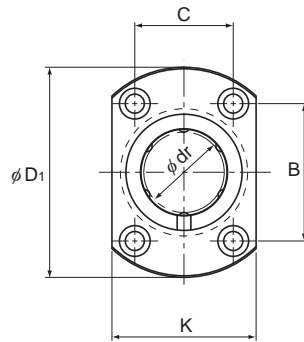
Unit: mm

	K	H	B	C	Mounting hole d ₁ × d ₂ × h	Flange perpendicularity μm	Eccentricity (max) μm	Radial clearance tolerance μm	Basic load rating		Mass g
									C N	C ₀ N	
	18	5	20	—	3.4 × 6.5 × 3.3	12	12	-5	206	265	18
	21	5	24	—	3.4 × 6.5 × 3.3	12	12	-5	265	402	28
	25	6	29	—	4.5 × 8 × 4.4	12	12	-5	373	549	50
	27	6	32	—	4.5 × 8 × 4.4	12	12	-5	412	598	55
	29	6	33	—	4.5 × 8 × 4.4	12	12	-7	510	775	70
	34	6	31	22	4.5 × 8 × 4.4	12	12	-7	775	1180	95
	38	8	36	24	5.5 × 9.2 × 5.4	15	15	-9	863	1370	150
	46	8	40	32	5.5 × 9.2 × 5.4	15	15	-9	980	1570	275
	51	10	49	35	6.6 × 11 × 6.5	15	15	-9	1570	2750	350

Model LMH-L



Models LMH6L to 13L



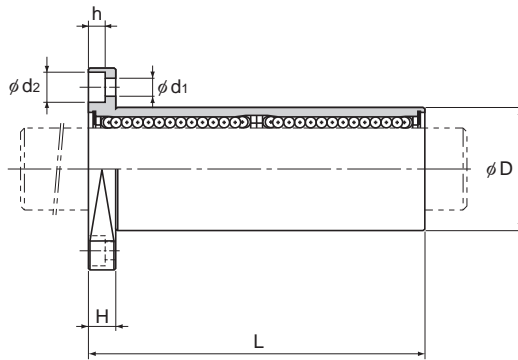
Models LMH16L to 30L

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Length		Flange diameter	
Standard type		dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMH 6L	4	6	0 -0.010	12	0	35	0 -0.3	28	0 -0.2
LMH 8L	4	8		15	-0.013	45		32	
LMH 10L	4	10		19	0 -0.016	55		39	
LMH 12L	4	12		21		57		42	
LMH 13L	4	13		23		61		43	
LMH 16L	5	16	28	70	48				
LMH 20L	5	20	0 -0.012	32	0	80	54		
LMH 25L	6	25	0 -0.019	40	0 -0.019	112	0	62	
LMH 30L	6	30		45		123	-0.4	74	

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) LMH20L UU

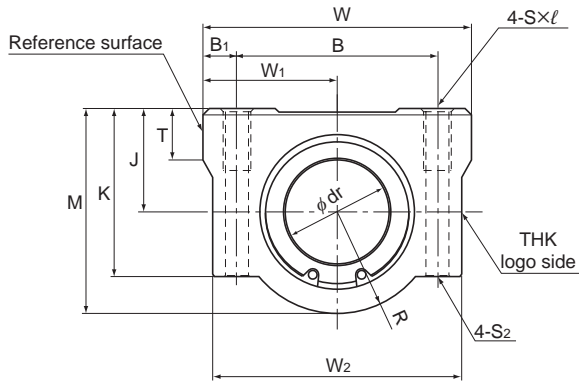
Seal attached on both ends of the nut



Unit: mm

	K	H	B	C	Mounting hole $d_1 \times d_2 \times h$	Flange perpendicularity μm	Eccentricity (max) μm	Radial clearance tolerance μm	Basic load rating		Mass g
									C N	C_0 N	
	18	5	20	—	$3.4 \times 6.5 \times 3.3$	15	15	-5	324	529	28
	21	5	24	—	$3.4 \times 6.5 \times 3.3$	15	15	-5	431	784	40
	25	6	29	—	$4.5 \times 8 \times 4.4$	15	15	-5	588	1100	75
	27	6	32	—	$4.5 \times 8 \times 4.4$	15	15	-5	657	1200	82
	29	6	33	—	$4.5 \times 8 \times 4.4$	15	15	-7	814	1570	107
	34	6	31	22	$4.5 \times 8 \times 4.4$	15	15	-7	1230	2350	143
	38	8	36	24	$5.5 \times 9.2 \times 5.4$	20	20	-9	1400	2750	225
	46	8	40	32	$5.5 \times 9.2 \times 5.4$	20	20	-9	1560	3140	450
	51	10	49	35	$6.6 \times 11 \times 6.5$	20	20	-9	2490	5490	575

Models SC6 to 30



Models SC6 to 30

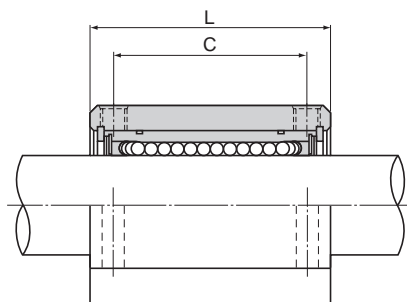
Model No.	Outer dimensions			LM casing dimensions						
	Height M	Width W	Length L	Mounting hole position			Tap S × l	Through bolt model No., S ₂	Center height J ±0.02	W ₁ ±0.02
				B	B ₁	C				
SC 6UU	18	30	25	20	5	15	M4 × 8	M3	9	15
SC 8UU	22	34	30	24	5	18	M4 × 8	M3	11	17
SC 10UU	26	40	35	28	6	21	M5 × 12	M4	13	20
SC 12UU	29	42	36	30.5	5.75	26	M5 × 12	M4	15	21
SC 13UU	30	44	39	33	5.5	26	M5 × 12	M4	15	22
SC 16UU	38.5	50	44	36	7	34	M5 × 12	M4	19	25
SC 20UU	42	54	50	40	7	40	M6 × 12	M5	21	27
SC 25UU	51.5	76	67	54	11	50	M8 × 18	M6	26	38
SC 30UU	59.5	78	72	58	10	58	M8 × 18	M6	30	39

Note) Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.

A stainless steel Linear Bushing model LM-MG, which is highly corrosion resistant, can also be incorporated at your request.

Example of Model Number for Use in Combination with
Linear Bushing Units

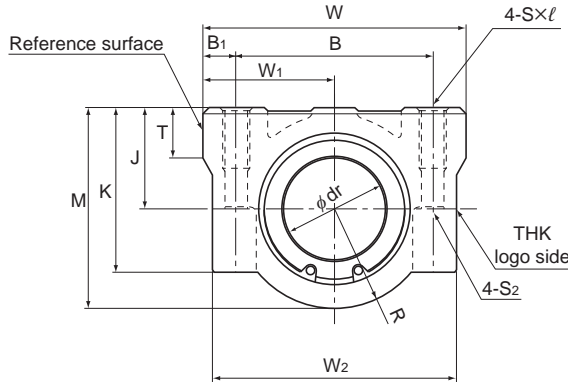
Linear Bushing to be combined	Example of model No.	
Both end attached with seal	SC 13UU	Standard stock
Without seal	SC 13	Build to order
Made of stainless steel; both end attached with seal	SC 13MUU	Build to order



Unit: mm

							Model No. of Linear Bushing to be combined	Basic load rating		Unit
								C	C ₀	Mass
K	W ₂	T	R	Inscribed bore diameter		N				
	15	28	6	9	6	0 -0.009	LM6UU	206	265	34
	18	32	6	11	8		LM8UU	265	402	52
	22	37	8	13	10		LM10UU	373	549	92
	25	39	8	14	12		LM12UU	412	598	102
	26	41	8	15	13		LM13UU	510	775	123
	35	46	9	19.5	16		LM16UU	775	1180	189
	36	52	11	21	20	0 -0.010	LM20UU	863	1370	237
	41	68	12	25.5	25		LM25UU	980	1570	555
	49	72	15	29.5	30		LM30UU	1570	2750	685

Models SC35 to 50



Models SC35 to 50

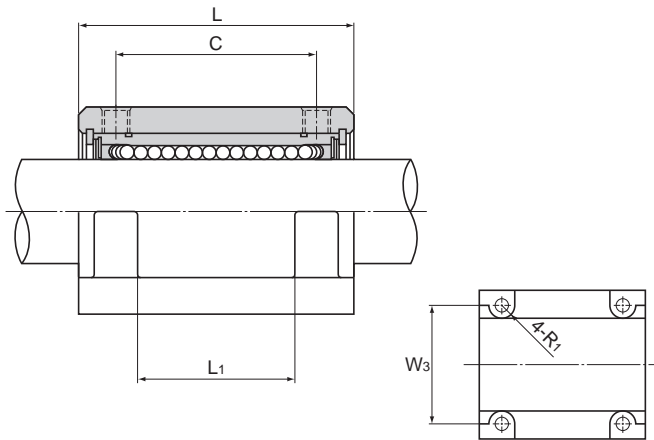
Model No.	Outer dimensions			LM casing dimensions							
	Height M	Width W	Length L	Mounting hole position			Tap S×ℓ	Through bolt model No., S ₂	Center height J ±0.02	W ₁ ±0.02	K
				B	B ₁	C					
SC 35UU	68	90	80	70	10	60	M8×18	M6	34	45	54
SC 40UU	78	102	90	80	11	60	M10×25	M8	40	51	62
SC 50UU	102	122	110	100	11	80	M10×25	M8	52	61	80

Note) Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.

A stainless steel Linear Bushing model LM-MG, which is highly corrosion resistant, can also be incorporated at your request.
(Model SC50 does not include a stainless type.)

Example of Model Number for Use in Combination with
Linear Bushing Units

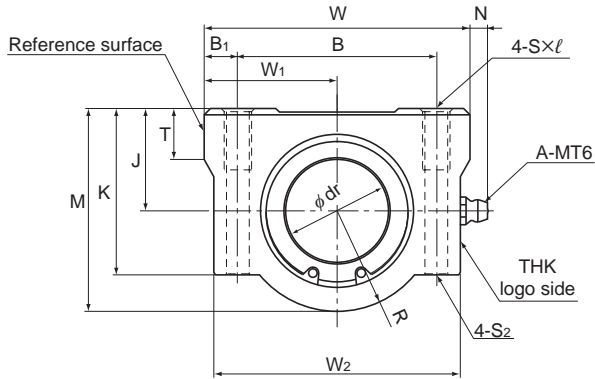
Linear Bushing to be combined	Example of model No.	
Both end attached with seal	SC 40UU	Standard stock
Without seal	SC 40	Build to order
Made of stainless steel; both end attached with seal	SC 40MUU	Build to order



Unit: mm

	W ₂	W ₃	L ₁	T	R	R ₁	Inscribed bore diameter		Model No. of Linear Bushing to be combined	Basic load rating		Unit
							dr	Tolerance		C	C ₀	Mass
										N	N	g
	85	60	42	18	34	5	35	0 -0.012	LM35UU	1670	3140	1100
	96	80	44	20	38	8	40		LM40UU	2160	4020	1600
	116	100	64	25	50	8	50		LM50UU	3820	7940	3350

Model SL



Model SL

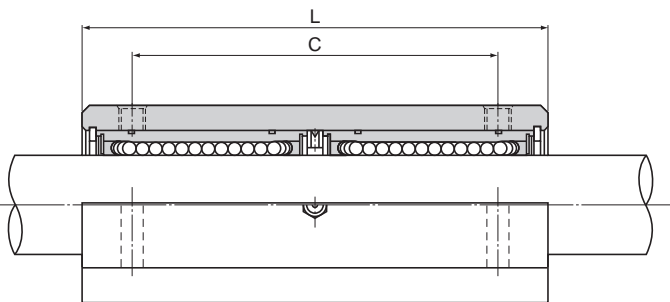
Model No.	Outer dimensions			LM casing dimensions						
	Height	Width	Length	Mounting hole position			Tap	Through bolt	Center height	W_1 ± 0.02
	M	W	L	B	B_1	C	$S \times \ell$	model No., S_2	J ± 0.02	
SL 6UU	18	30	48	20	5	36	M4 × 8	M3	9	15
SL 8UU	22	34	58	24	5	42	M4 × 8	M3	11	17
SL 10UU	26	40	68	28	6	46	M5 × 12	M4	13	20
SL 12UU	29	42	70	30.5	5.75	50	M5 × 12	M4	15	21
SL 13UU	30	44	75	33	5.5	50	M5 × 12	M4	15	22
SL 16UU	38.5	50	85	36	7	60	M5 × 12	M4	19	25
SL 20UU	42	54	96	40	7	70	M6 × 12	M5	21	27
SL 25UU	51.5	76	130	54	11	100	M8 × 18	M6	26	38
SL 30UU	59.5	78	140	58	10	110	M8 × 18	M6	30	39

Note) Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.

A stainless steel Linear Bushing model LM-MG, which is highly corrosion resistant, can also be incorporated at your request.

Example of Model Number for Use in Combination with
Linear Bushing Units

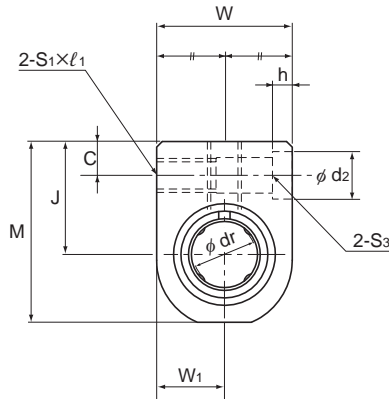
Linear Bushing to be combined	Example of model No.	
Both end attached with seal	SL 13UU	Standard stock
Without seal	SL 13	Build to order
Made of stainless steel; both end attached with seal	SL 13MUU	Build to order



Unit: mm

	K	W ₂	T	R	N	Inscribed bore diameter		Model No. of Linear Bushing to be combined	Basic load rating		Unit
						dr	Tolerance		C	C ₀	Mass
	15	28	6	9	7	6	0 -0.009	LM6U	324	529	68
	18	32	6	11	7	8		LM8U	431	784	105
	22	37	8	13	7	10		LM10U	588	1100	185
	25	39	8	14	6.5	12		LM12U	657	1200	205
	26	41	8	15	6.5	13		LM13U	814	1570	242
	35	46	9	19.5	6	16		LM16U	1230	2350	403
	36	52	11	21	7	20	0 -0.010	LM20U	1400	2750	520
	41	68	12	25.5	4	25		LM25U	1560	3140	1120
	49	72	15	29.5	5	30		LM30U	2490	5490	1440

Model SH



Model SH

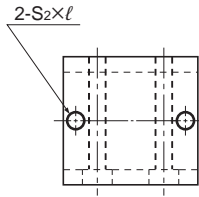
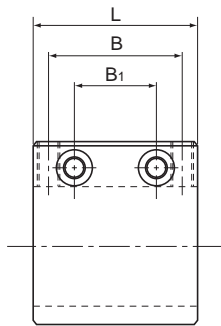
Model No.	Outer dimensions			LM casing dimensions					
	Height M	Width W	Length L	Mounting hole position			Tap		Through bolt model No, S ₃
				B	B ₁	C	S ₁ × l ₁	S ₂ × l	
SH 3UU	14	10	13	—	8	3	M3×6	M3×5.5	M2
SH 4UU	16	12	15	—	10	3	M3×6	M3×6	M2
SH 5UU	18	14	17	—	12	3	M3×6	M3×6	M2
SH 6UU	22	16	24	18	9	5	M4×8	M4×8	M3
SH 8UU	26	20	27	20	10	5	M4×8	M5×8.5	M3
SH 10UU	32	26	35	27	15	6	M5×10	M6×9.5	M4
SH 12UU	34	28	35	27	15	6	M5×10	M6×9.5	M4
SH 13UU	36	30	36	28	16	6	M5×10	M6×9.5	M4
SH 16UU	42	36	40	32	18	6	M5×10	M6×10	M4
SH 20UU	49	42	44	36	22	7	M6×12	M6×12	M5

Note) Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.

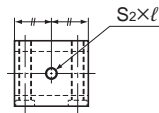
A stainless steel Linear Bushing model LM-MG, which is highly corrosion resistant, can also be incorporated at your request.

Example of Model Number for Use in Combination with Linear Bushing Units

Linear Bushing to be combined	Example of model No.	
Both end attached with seal	SH 13UU	Standard stock
Without seal	SH 13	Build to order
Made of stainless steel; both end attached with seal	SH 13MUU	Build to order



Top surface of models SH6 to SH20

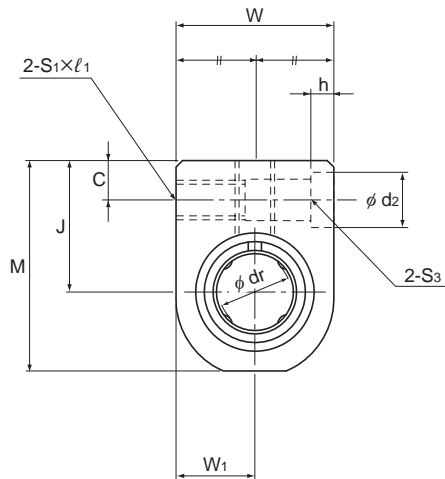


Top surface of models SH3 to SH5

Unit: mm

	Center height J ± 0.02	W_1 ± 0.02	d_2	h	Inscribed bore diameter		Model No. of Linear Bushing to be combined	Basic load rating		Unit
					dr	Tolerance		C	C_0	Mass
	9	5	4.2	1.5	3	0 -0.008	LM3UU	88.2	108	4.5
	10	6	4.2	1.5	4		LM4UU	88.2	127	7
	11	7	4.2	1.5	5		LM5UU	167	206	11
	14	8	6.5	3.3	6	0 -0.009	LM6UU	206	265	21.6
	16	10	6.5	3.3	8		LM8UU	265	402	32
	19	13	8	4.4	10		LM10UU	373	549	65
	20	14	8	4.4	12		LM12UU	412	598	81
	21	15	8	4.4	13		LM13UU	510	775	90
	24	18	8	4.4	16		LM16UU	775	1180	150
	28	21	9.5	5.4	20	0 -0.010	LM20UU	863	1370	215

Model SH-L



Model SH-L

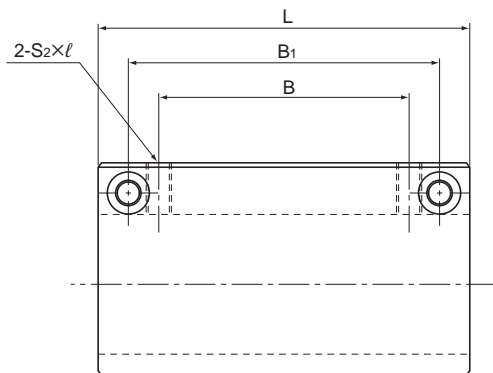
Model No.	Outer dimensions			LM casing dimensions					
	Height M	Width W	Length L	Mounting hole position			Tap		Through bolt model No, S ₃
				B	B ₁	C	S ₁ × ℓ ₁	S ₂ × ℓ	
SH 3LUU	14	10	23	10	18	3	M3 × 6	M3 × 5.5	M2
SH 4LUU	16	12	27	14	22	3	M3 × 6	M3 × 6	M2
SH 5LUU	18	14	32	18	26	3	M3 × 6	M3 × 6	M2
SH 6LUU	22	16	40	20	30	5	M4 × 8	M4 × 8	M3
SH 8LUU	26	20	52	30	42	5	M4 × 8	M5 × 8.5	M3
SH 10LUU	32	26	60	36	50	6	M5 × 10	M6 × 9.5	M4
SH 12LUU	34	28	62	36	50	6	M5 × 10	M6 × 9.5	M4
SH 13LUU	36	30	66	40	54	6	M5 × 10	M6 × 9.5	M4
SH 16LUU	42	36	76	52	66	6	M5 × 10	M6 × 10	M4
SH 20LUU	49	42	86	58	72	7	M6 × 12	M6 × 12	M5

Note) Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.

A stainless steel Linear Bushing model LM-MG, which is highly corrosion resistant, can also be incorporated at your request.

Example of Model Number for Use in Combination with Linear Bushing Units

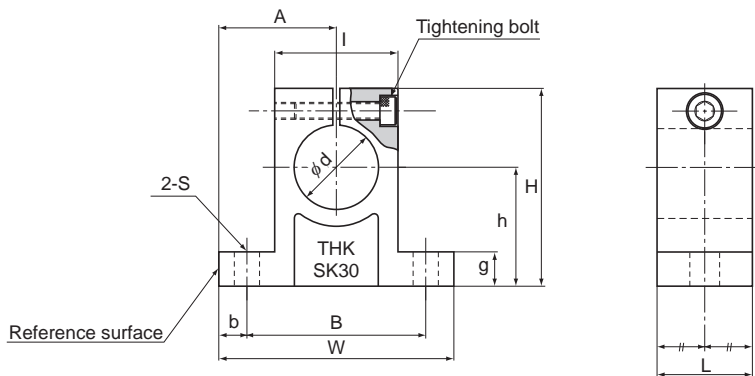
Linear Bushing to be combined	Example of model No.	
Both end attached with seal	SH 13LUU	Standard stock
Without seal	SH 13L	Build to order
Made of stainless steel; both end attached with seal	SH 13MLUU	Build to order



Unit: mm

	Center height J ±0.02	W _i ±0.02	d ₂	h	Inscribed bore diameter		Model No. of Linear Bushing to be combined	Basic load rating		Unit
					dr	Tolerance		C	C ₀	Mass g
	9	5	4.2	1.5	3	0 -0.008	LM3U	139	216	8.5
	10	6	4.2	1.5	4		LM4U	139	254	13
	11	7	4.2	1.5	5		LM5U	263	412	22
	14	8	6.5	3.3	6	0 -0.009	LM6U	324	529	35
	16	10	6.5	3.3	8		LM8U	431	784	65
	19	13	8	4.4	10		LM10U	588	1100	125
	20	14	8	4.4	12		LM12U	657	1200	155
	21	15	8	4.4	13		LM13U	814	1570	190
	24	18	8	4.4	16		LM16U	1230	2350	295
	28	21	9.5	5.4	20	0 -0.010	LM20U	1400	2750	425

Model SK



Unit: mm

Model No.	Main dimensions													Mass g
	H	W	L	B	S	Mounting bolt model No.	h ± 0.02	A ± 0.05	b	g	l	Shaft diameter d	Tightening bolt model No.	
SK 10	32.8	42	14	32	5.5	M5	20	21	5	6	18	10	M4	24
SK 12	37.5	42	14	32	5.5	M5	23	21	5	6	20	12	M4	30
SK 13	37.5	42	14	32	5.5	M5	23	21	5	6	20	13	M4	30
SK 16	44	48	16	38	5.5	M5	27	24	5	8	25	16	M4	40
SK 20	51	60	20	45	6.6	M6	31	30	7.5	10	30	20	M5	70
SK 25	60	70	24	56	6.6	M6	35	35	7	12	38	25	M6	130
SK 30	70	84	28	64	9	M8	42	42	10	12	44	30	M6	180
SK 35	83	98	32	74	11	M10	50	49	12	15	50	35	M8	270
SK 40	96	114	36	90	11	M10	60	57	12	15	60	40	M8	420