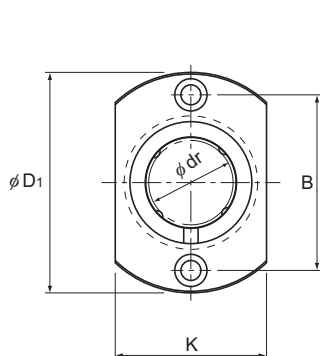
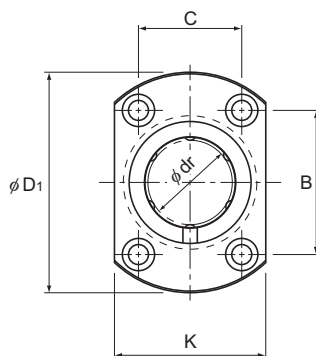


Model LMH



Models LMH6 to 13



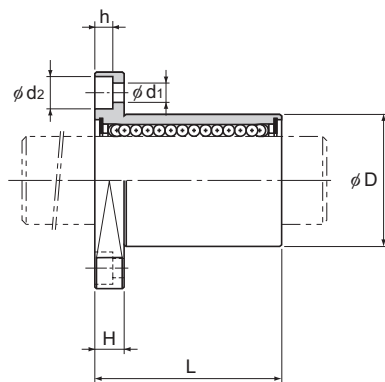
Models LMH16 to 30

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMH 6	4	6	0 -0.009	12	0 -0.011	19	0 -0.2	28	0 -0.2
LMH 8S	4	8		15		17		32	
LMH 8	4	8		15		24		32	
LMH 10	4	10		19	0 -0.013	29		39	
LMH 12	4	12		21		30		42	
LMH 13	4	13		23		32		43	
LMH 16	5	16	0 -0.010	28	0 -0.016	37	0 -0.3	48	
LMH 20	5	20		32		42		54	
LMH 25	6	25		40		59		62	
LMH 30	6	30		45		64		74	

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) LMH16 UU

└── Seal attached on both ends of the nut

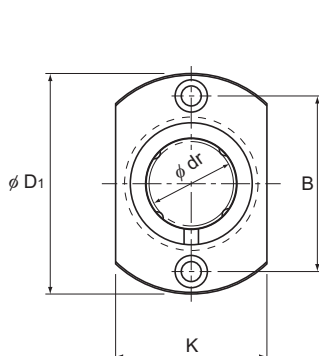


Unit: mm

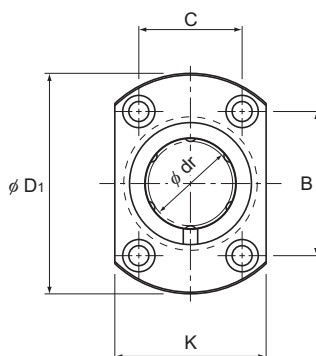
	K	H	B	C	Mounting hole $d_1 \times d_2 \times h$	Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass g
						μm	μm	μm	C N	C ₀ N	
	18	5	20	—	$3.4 \times 6.5 \times 3.3$	12	12	-5	206	265	20
	21	5	24	—	$3.4 \times 6.5 \times 3.3$	12	12	-5	176	225	24
	21	5	24	—	$3.4 \times 6.5 \times 3.3$	12	12	-5	265	402	28
	25	6	29	—	$4.5 \times 8 \times 4.4$	12	12	-5	373	549	50
	27	6	32	—	$4.5 \times 8 \times 4.4$	12	12	-5	412	598	56
	29	6	33	—	$4.5 \times 8 \times 4.4$	12	12	-7	510	775	69
	34	6	31	22	$4.5 \times 8 \times 4.4$	12	12	-7	775	1180	111
	38	8	36	24	$5.5 \times 9.2 \times 5.4$	15	15	-9	863	1370	140
	46	8	40	32	$5.5 \times 9.2 \times 5.4$	15	15	-9	980	1570	279
	51	10	49	35	$6.6 \times 11 \times 6.5$	15	15	-9	1570	2750	351

Note: 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.

Model LMH-M (Stainless Steel Type)



Models LMH 6M to 13M



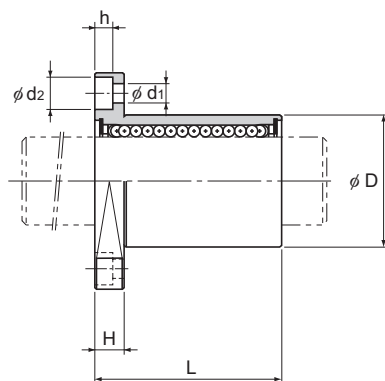
Models LMH 16M to 30M

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMH 6M	4	6	0 -0.009	12	0 -0.011	19	0 -0.2	28	0 -0.2
LMH 8SM	4	8		15		17		32	
LMH 8M	4	8		15		24		32	
LMH 10M	4	10		19	0 -0.013	29		39	
LMH 12M	4	12		21		30		42	
LMH 13M	4	13		23		32		43	
LMH 16M	5	16	0 -0.010	28	0 -0.016	37	0 -0.3	48	
LMH 20M	5	20		32		42		54	
LMH 25M	6	25		40		59		62	
LMH 30M	6	30		45		64		74	

Notes: Since this model contains a synthetic resin retainer, do not use it in temperatures exceeding 80°C.
If an equipped seal is required, please specify when placing an order.

(Example) LMH16M UU

└── Seal attached on both ends of the nut

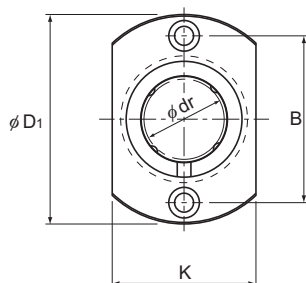


Unit: mm

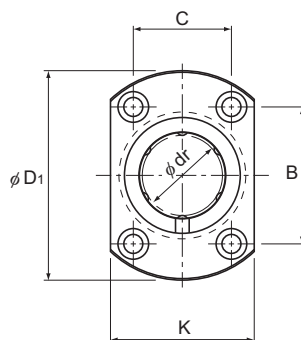
	K	H	B	C	Mounting hole $d_1 \times d_2 \times h$	Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass g
						μm	μm	μm	C N	C ₀ N	
	18	5	20	—	$3.4 \times 6.5 \times 3.3$	12	12	-5	206	265	20
	21	5	24	—	$3.4 \times 6.5 \times 3.3$	12	12	-5	176	225	24
	21	5	24	—	$3.4 \times 6.5 \times 3.3$	12	12	-5	265	402	28
	25	6	29	—	$4.5 \times 8 \times 4.4$	12	12	-5	373	549	50
	27	6	32	—	$4.5 \times 8 \times 4.4$	12	12	-5	412	598	56
	29	6	33	—	$4.5 \times 8 \times 4.4$	12	12	-7	510	775	69
	34	6	31	22	$4.5 \times 8 \times 4.4$	12	12	-7	775	1180	111
	38	8	36	24	$5.5 \times 9.2 \times 5.4$	15	15	-9	863	1370	140
	46	8	40	32	$5.5 \times 9.2 \times 5.4$	15	15	-9	980	1570	279
	51	10	49	35	$6.6 \times 11 \times 6.5$	15	15	-9	1570	2750	351

Notes: Since the nut and the balls use stainless steel, these models are highly resistant to corrosion and environment.
If lubrication holes are required, please specify by adding OH to the end of the model number.
For further information, contact THK.

Model LMH-L



Models LMH6L to 13L



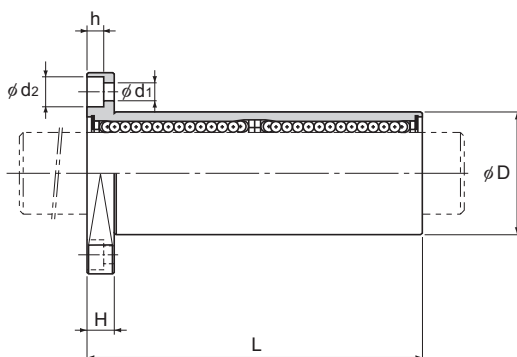
Models LMH16L to 30L

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Length		Flange diameter	
		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	0 -0.012	28	0 -0.019	70	0 -0.4	48	
LMH 20L	5	20		32		80		54	
LMH 25L	6	25		40		112		62	
LMH 30L	6	30		45		123		74	

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) LMH20L UU

_____ Seal attached on both ends of the nut

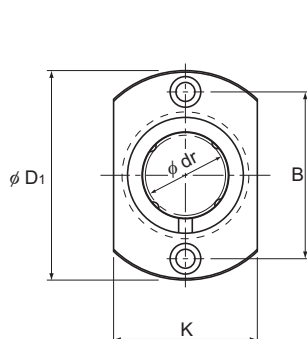


Unit: mm

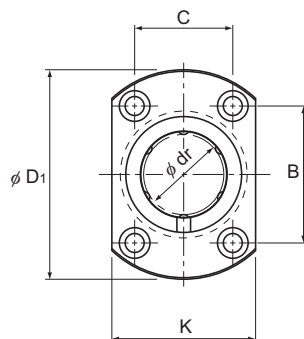
	K	H	B	C	Mounting hole $d_1 \times d_2 \times h$	Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass g
						μm	μm	μm	C N	C ₀ N	
18	5	20	—	—	$3.4 \times 6.5 \times 3.3$	15	15	-5	324	529	27
21	5	24	—	—	$3.4 \times 6.5 \times 3.3$	15	15	-5	431	784	41
25	6	29	—	—	$4.5 \times 8 \times 4.4$	15	15	-5	588	1100	72
27	6	32	—	—	$4.5 \times 8 \times 4.4$	15	15	-5	657	1200	81
29	6	33	—	—	$4.5 \times 8 \times 4.4$	15	15	-7	814	1570	105
34	6	31	22	—	$4.5 \times 8 \times 4.4$	15	15	-7	1230	2350	182
38	8	36	24	—	$5.5 \times 9.2 \times 5.4$	20	20	-9	1400	2750	217
46	8	40	32	—	$5.5 \times 9.2 \times 5.4$	20	20	-9	1560	3140	477
51	10	49	35	—	$6.6 \times 11 \times 6.5$	20	20	-9	2490	5490	575

Note: 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.

Model LMH-ML (Stainless Steel Type)



Models LMH 6ML to 13ML



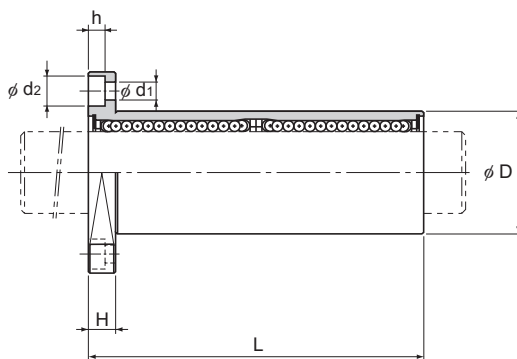
Models LMH 16ML to 30ML

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

Notes: Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.
If an equipped seal is required, please specify when placing an order.

(Example) LMH20ML UU

└── Seal attached on both ends of the nut

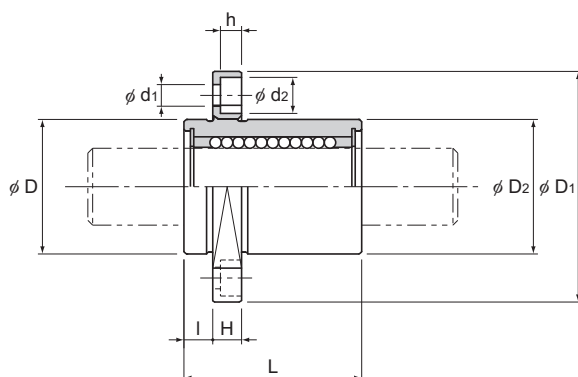


Unit: mm

	K	H	B	C	Mounting hole $d_1 \times d_2 \times h$	Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass g
						μm	μm	μm	C N	C ₀ N	
	18	5	20	—	$3.4 \times 6.5 \times 3.3$	15	15	-5	324	529	27
	21	5	24	—	$3.4 \times 6.5 \times 3.3$	15	15	-5	431	784	41
	25	6	29	—	$4.5 \times 8 \times 4.4$	15	15	-5	588	1100	72
	27	6	32	—	$4.5 \times 8 \times 4.4$	15	15	-5	657	1200	81
	29	6	33	—	$4.5 \times 8 \times 4.4$	15	15	-7	814	1570	105
	34	6	31	22	$4.5 \times 8 \times 4.4$	15	15	-7	1230	2350	182
	38	8	36	24	$5.5 \times 9.2 \times 5.4$	20	20	-9	1400	2750	217
	46	8	40	32	$5.5 \times 9.2 \times 5.4$	20	20	-9	1560	3140	477
	51	10	49	35	$6.6 \times 11 \times 6.5$	20	20	-9	2490	5490	575

Notes: Since the nut and the balls use stainless steel, these models are highly resistant to corrosion and environment.
If lubrication holes are required, please specify by adding OH to the end of the model number.
For further information, contact THK.

Model LMIH



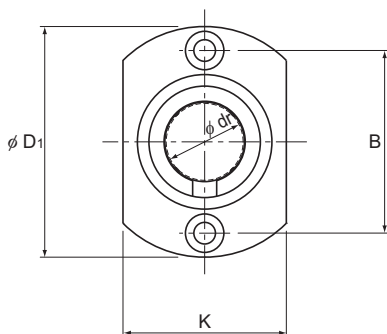
Model LMIH

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Overall length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMIH 6	4	6	0 -0.009	12	0	19	±0.3	28	0 -0.2
LMIH 8		8		15	-0.011	24		32	
LMIH 10		10		19	0 -0.013	29		39	
LMIH 12		12		21		30		42	
LMIH 13		13		23		32		43	
LMIH 16	5	16	0 -0.010	28	0 -0.016	37		48	
LMIH 20		20		32		42		54	
LMIH 25	6	25		40		59		62	

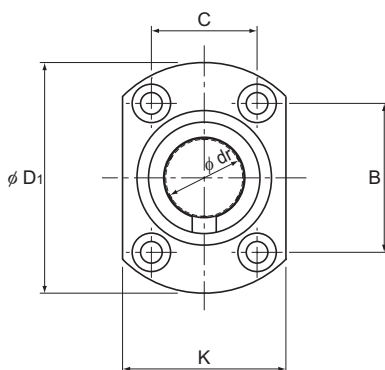
Notes: Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.
If requiring a type equipped with a seal, indicate it when placing an order.

(Example) LMIH16 UU

_____ Seal attached on both ends of the nut



Models LMHIH 6 to 13



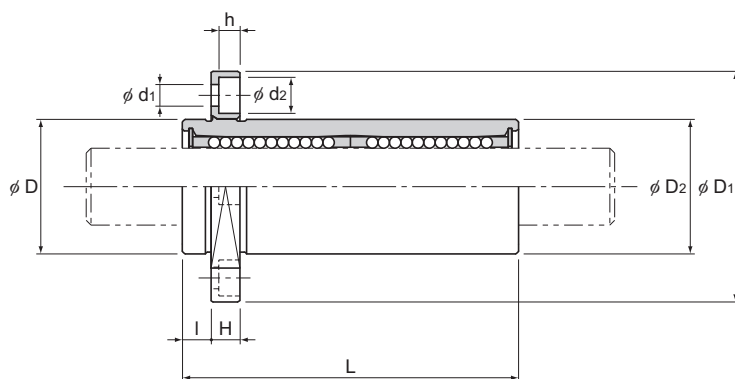
Models LMHIH 16 to 25

Unit: mm

									Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic Load Rating		Mass	
	Length							Mounting hole				C	C ₀		
	I	Tolerance	D ₂	H	K	B	C	d ₁ × d ₂ × h	μm	μm	μm	N	N	g	
5	±0.2	12	5	18	20	—	3.4 × 6 × 3.3	12	12	12	−5	206	265	20	
		15		21	24	—		12			−5	265	402	29	
19		6	25	29	—	4.5 × 7.5 × 4.4	12	12			12	−5	373	549	50
21			27	32	—		12					−5	412	598	57
23			29	33	—		12					−7	510	775	70
28			34	31	22		12					−7	775	1180	111
8		32	8	38	36	24	5.5 × 9 × 5.4	15	15	15	−9	863	1370	140	
		40		46	40	32		15			−9	980	1570	276	

Note: 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.

Model LMIH-L



Model LMIH-L

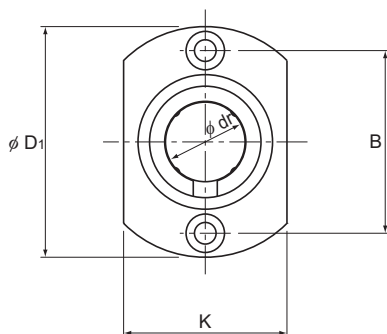
Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Overall length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMIH 6L	4	6	0 -0.010	12	0	35	±0.3	28	0 -0.2
LMIH 8L		8		15	-0.013	45		32	
LMIH 10L		10		19	0 -0.016	55		39	
LMIH 12L		12		21		57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

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

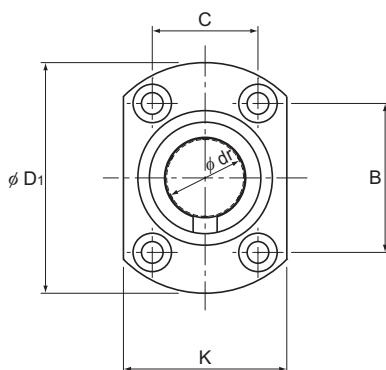
If requiring a type equipped with a seal, indicate it when placing an order.

(Example) LMIH16L UU

Seal attached on both ends of the nut



Models LMIH 6L to 13L



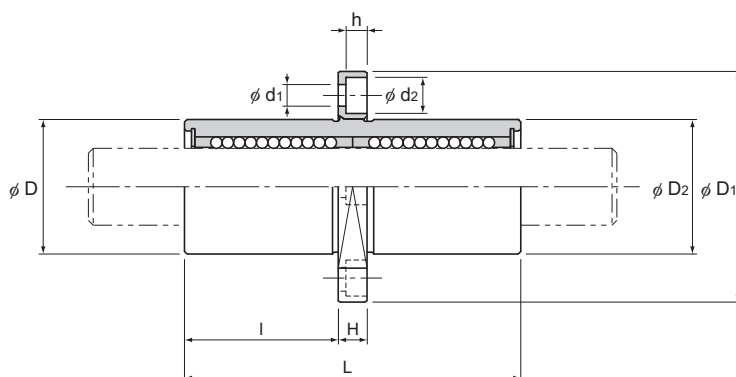
Models LMIH 16L to 25L

Unit: mm

									Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic Load Rating		Mass				
	Length							Mounting hole				C	C ₀					
	I	Tolerance	D ₂	H	K	B	C	d ₁ ×d ₂ ×h	μm	μm	μm	N	N	g				
5	±0.2		12	5	18	20	—	3.4×6×3.3	12	12		-5	324	529	26			
			15		21	24	—		12			-5	431	784	41			
19			6	25	29	—	4.5×7.5×4.4	12					-5	588	1100	73		
21				27	32	—		12					-5	657	1200	83		
23				29	33	—		12					-7	814	1570	106		
28				34	31	22		12					-7	1230	2350	180		
8				32	8	38	36	24	5.5×9×5.4			15	15		-9	1400	2750	219
				40		46	40	32				15			-9	1560	3140	470

Note: 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.

Model LMCH-L



Model LMCH-L

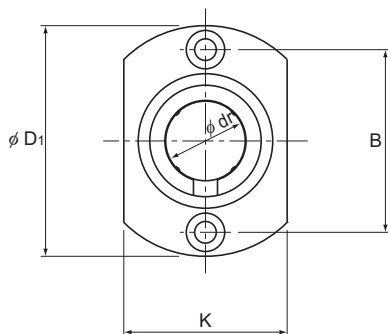
Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Overall length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMCH 6L	4	6	0 -0.010	12	0	35	±0.3	28	0 -0.2
LMCH 8L		8		15	-0.013	45		32	
LMCH 10L		10		19	0 -0.016	55		39	
LMCH 12L		12		21		57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

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

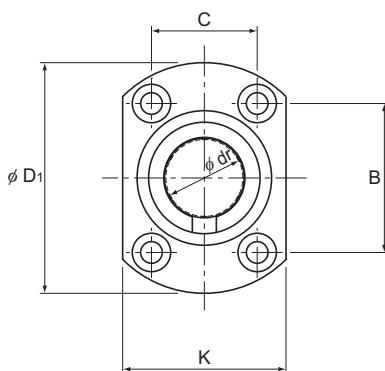
If requiring a type equipped with a seal, indicate it when placing an order.

(Example) LMCH16L UU

_____ Seal attached on both ends of the nut



Models LMCH 6L to 13L



Models LMCH 16L to 25L

Unit: mm

									Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic Load Rating		Mass
Length		D ₂	H	K	B	C	Mounting hole d ₁ × d ₂ × h		μm	μm	μm	C	C ₀	g
I	Tolerance											N	N	
15	±0.2	12	5	18	20	—	3.4 × 6 × 3.3		12	12	-5	324	529	26
20		15		21	24	—			12		-5	431	784	41
24.5		19		25	29	—	4.5 × 7.5 × 4.4		12		-5	588	1100	73
25.5		21	6	27	32	—			12		-5	657	1200	83
27.5		23		29	33	—			12		-7	814	1570	106
32		28		34	31	22			12		-7	1230	2350	180
36		32	8	38	36	24	5.5 × 9 × 5.4		15	15	-9	1400	2750	219
52		40		46	40	32			15		-9	1560	3140	470

Note: 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.