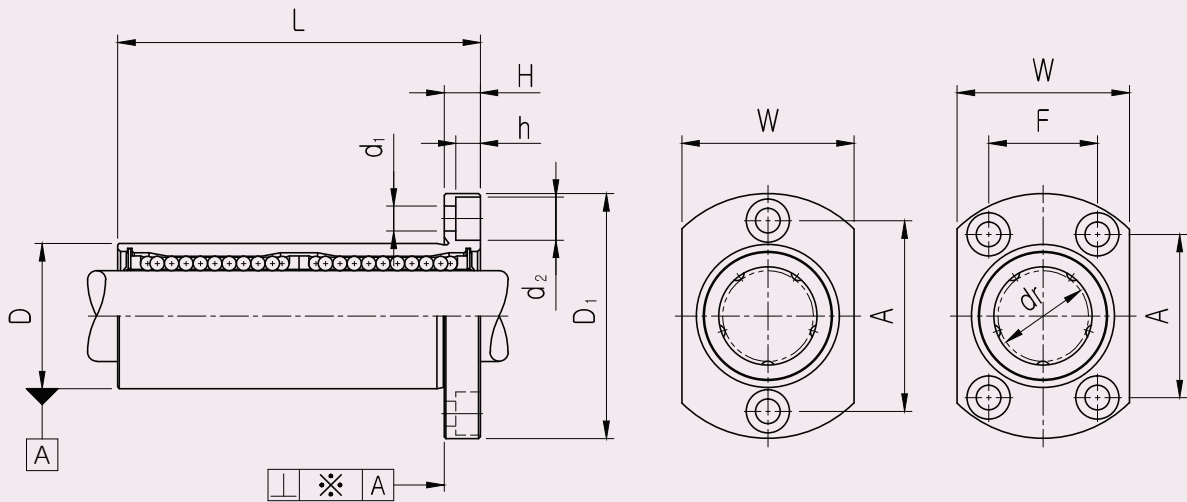


LMH_L FLANGED LONG LINEAR BUSHING

● Drawing



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LMH-L

● Part Number Notation

LMH 20 L UU - A N S

- SAMICK Oval Flanged Linear Bushing
- Nominal Shaft Diameter
- Linear Bushing Long Type (for high load)
- Seal

Blank	No Seal
UU	Both Side Seal
U	One Side Seal

- Retainer (material)

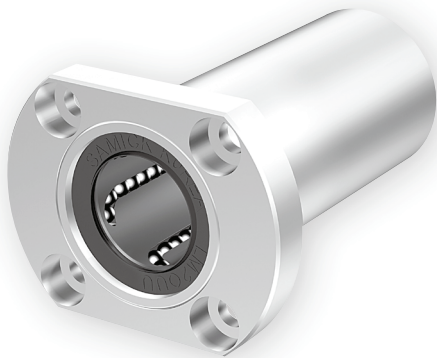
Blank	Resin Retainer(Standard)
A	Steel Retainer(High temperature) ★1

- Outer-sleeves (by corrosion resistance)

Blank	Standard(SUJ2)
N	Electroless nickel plating
R	Raydent treatment

- Ball type (material)

Blank	High carbon bearing steel ball(Standard)
S	Stainless steel ball



★1 Steel retainer applicable from LMH6L to LMH25L only

LMH_L FLANGED LONG LINEAR BUSHING

PART NUMBER		WORKING BORE DIAMETER		D		L		D ₁		H	W	A	F	d ₁	d ₂	h	SQUAREDNESS *(μm)*	BASIC LOAD RATING(N)		NO. OF BALL ROW	WEIGHT (gf) ^{*2}
Resin	Steel	dr. (mm)	CLEAR NCE (mm)	mm	CLEAR NCE (mm)	mm	CLEAR NCE (mm)	mm	CLEAR NCE (mm)									DYNAMIC (C) ^{*1}	STATIC (Co)		
LMH6LUU	LMH6L-A	6	0 -0.010	12	0 -0.013	35	0 -0.3	28	0 -0.2	5	18	20	-	3.4	6.5	3.3	15	320	520	4	31
LMH8LUU	LMH8L-A	8		15		45		32		5	21	24	-	3.4	6.5	3.3	15	430	780	4	53
LMH10LUU	LMH10L-A	10		19	0 -0.016	55		40		6	25	29	-	4.5	8.0	4.4	15	580	1100	4	105
LMH12LUU	LMH12L-A	12		21		57		42		6	27	32	-	4.5	8.0	4.4	15	650	1200	4	100
LMH13LUU	LMH13L-A	13		23		61		43		6	29	33	-	4.5	8.0	4.4	15	810	1570	4	130
LMH16LUU	LMH16L-A	16		28		70		48		6	34	31	22	4.5	8.0	4.4	15	1230	2350	5	187
LMH20LUU	LMH20L-A	20	0 -0.012	32	0 -0.019	80	0 -0.4	54		8	38	36	24	5.5	9.5	5.4	20	1400	2750	5	260
LMH25LUU	LMH25L-A	25		40		112		62		8	46	40	32	5.5	9.5	5.4	20	1560	3140	6	515
LMH30LUU		30		45		123		74		10	51	49	35	6.6	11.0	6.5	20	2490	5490	6	655

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LMH-L

- ★1 Dynamic load rating is based on the nominal life of 50km
In case of 100km, C on the table need to be divided by 1.26
Ex) 50km basic dynamic load rating(C) of LMH12L = 650N
100km basic dynamic load rating(C₁₀₀) of LMH12L = 650/1.26 = 515.87N
- ★2 Based on the weight of resin retainer
- ★3 Main unit : mm
- ★4 1N ≒ 0.102kgf