

for YOU and YOUR customer

LINEAR BUSHING

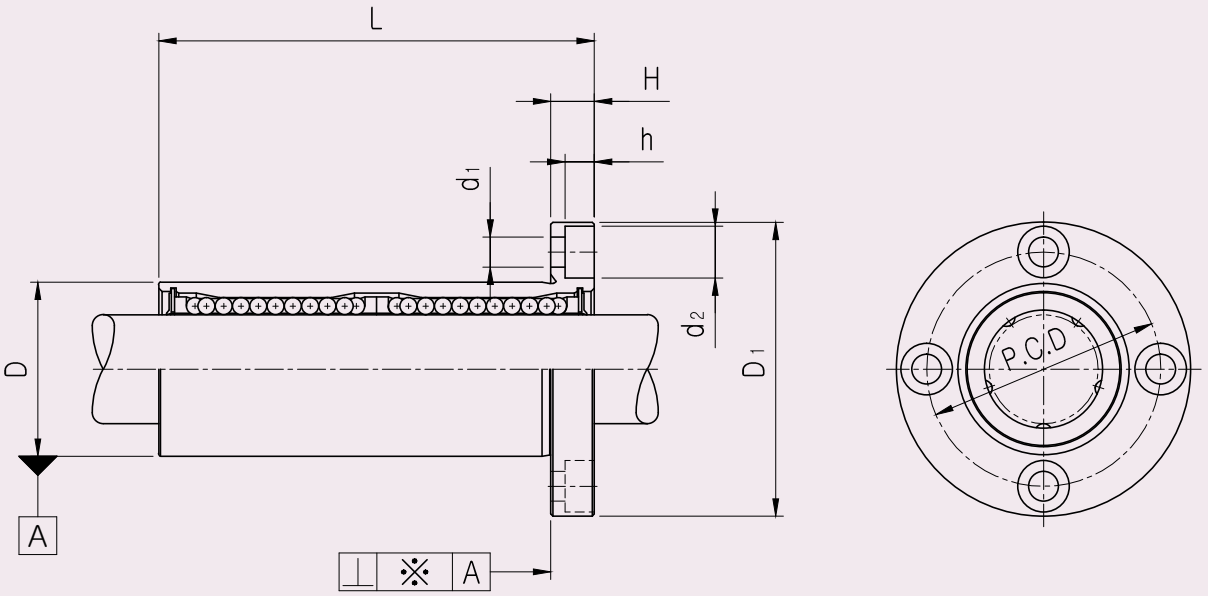
by **SAMICK**

SAMICK PRECISION IND.CO.,LTD.

CATALOG NO. 1501E

LMF_L FLANGED LONG LINEAR BUSHING-SUS SERIES

Drawing



Part Number Notation

LMF 20 L UU - SUS A

- LMF: SAMICK Circular Flanged Linear Bushing
- 20: Nominal Shaft Diameter
- L: Linear Bushing Long Type (for high load)
- UU: Seal

Blank	No Seal
UU	Both Side Seal
U	One Side Seal

- SUS: Outer-sleeves : Stainless Steel
  BALL : Stainless Steel
- A: Retainer (material)

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



LMF_L FLANGED LONG LINEAR BUSHING-SUS SERIES

PART NUMBER		WORKING BORE DIAMETER		D		L		D_1		H	PCD	d_1	d_2	h	SQUARENESS ※(㎛)*	BASIC LOAD RATING(N)*4		NO. OF BALL ROW	WEIGHT (gf)*2
Resin	Steel	dr. (mm)	CLEARANCE (mm)	mm	CLEARANCE (mm)	mm	CLEARANCE (mm)	mm	CLEARANCE (mm)							DYNAMIC (C)*1	STATIC (Co)		
LMF6LUU-SUS	LMF6L-SUSA	6	0 -0.010	12	0 -0.013	35	0 -0.3	28	0 -0.2	5	20	3.4	6.5	3.3	15	320	520	4	31
LMF8LUU-SUS	LMF8L-SUSA	8		15		45		32		5	24	3.4	6.5	3.3	15	430	780	4	53
LMF10LUU-SUS	LMF10L-SUSA	10		19	0 -0.016	55		40		6	29	4.5	8.0	4.4	15	580	1100	4	105
LMF12LUU-SUS	LMF12L-SUSA	12		21		57		42		6	32	4.5	8.0	4.4	15	650	1200	4	100
LMF13LUU-SUS	LMF13L-SUSA	13		23		61		43		6	33	4.5	8.0	4.4	15	810	1570	4	130
LMF16LUU-SUS	LMF16L-SUSA	16		28		70		48		6	38	4.5	8.0	4.4	15	1230	2350	5	187
LMF20LUU-SUS	LMF20L-SUSA	20	0 -0.012	32	0 -0.019	80		54		8	43	5.5	9.5	5.4	20	1400	2750	5	260
LMF25LUU-SUS	LMF25L-SUSA	25		40		112	0 -0.4	62		8	51	5.5	9.5	5.4	20	1560	3140	6	515

★1 Dynamic load rating is based on the nominal life of 50㎞
In case of 100㎞, C on the table need to be divided by 1.26
Ex) 50㎞ basic dynamic load rating(C) of LMF12L = 650N
100㎞ basic dynamic load rating(C_{100}) of LMF12L = 650/1.26 = 515.87N

★2 Based on the weight of resin retainer

★3 Main unit : ㎜

★4 1N ≒ 0.102kgf