

for YOU and YOUR customer

LINEAR BUSHING

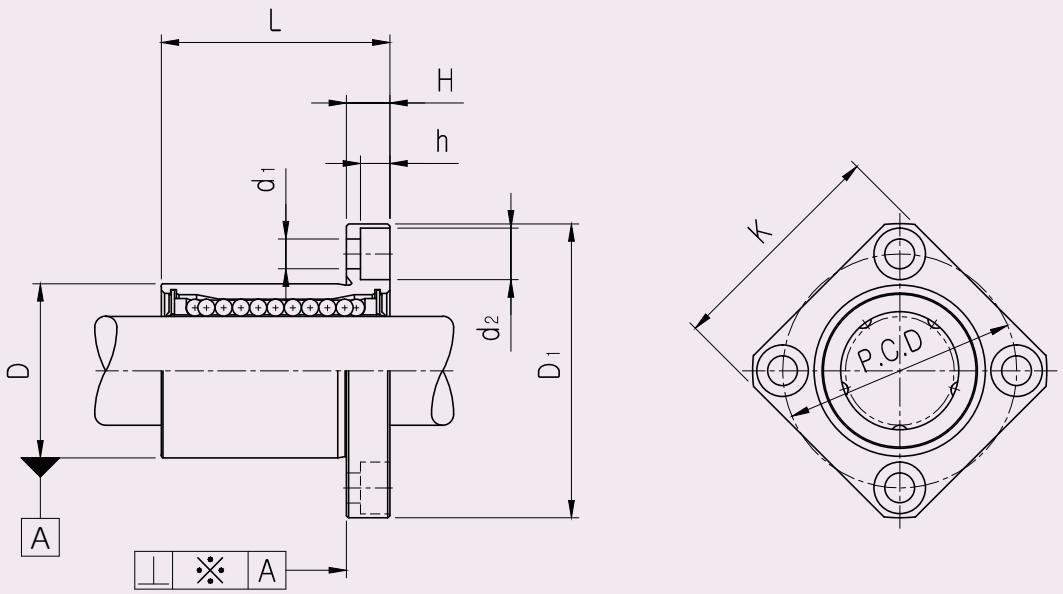
by **SAMICK**

SAMICK PRECISION IND.CO.,LTD.

CATALOG NO. 1501E

LMK FLANGED LINEAR BUSHING-SUS SERIES

Drawing



Part Number Notation

LMK 20 UU - SUS A

- SAMICK Square Flanged Linear Bushing
- Nominal Shaft Diameter
- Seal

Blank	No Seal
UU	Both Side Seal
U	One Side Seal

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

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



★1 LMK8S applicable with resin retainer only

LMK FLANGED LINEAR BUSHING-SUS SERIES

PART NUMBER		WORKING BORE DIAMETER		D		L		D_1		H	PCD	K	d_1	d_2	h	SQUARENESS ※(㎛)*	BASIC LOAD RATING(N)*4		NO. OF BALL ROW	WEIGHT (gf)*2
Resin	Steel	dr. (mm)	CLEARNCE (mm)	mm	CLEARNCE (mm)	mm	CLEARNCE (mm)	mm	CLEARNCE (mm)								DYNAMIC (C)*1	STATIC (Co)		
LMK6UU-SUS	LMK6-SUSA	6	0 -0.009	12	0 -0.011	19	0 -0.2	28	0 -0.2	5	20	22	3.4	6.5	3.3	12	200	260	4	26.5
LMK8SUU-SUS		8		15		17		32		5	24	25	3.4	6.5	3.3	12	170	220	4	34
LMK8UU-SUS	LMK8-SUSA	8		15		24		32		5	24	25	3.4	6.5	3.3	12	260	400	4	40
LMK10UU-SUS	LMK10-SUSA	10		19	0 -0.013	29		40		6	29	30	4.5	8.0	4.4	12	370	540	4	78
LMK12UU-SUS	LMK12-SUSA	12		21		30		42		6	32	32	4.5	8.0	4.4	12	410	590	4	76
LMK13UU-SUS	LMK13-SUSA	13		23		32		43		6	33	34	4.5	8.0	4.4	12	500	770	4	94
LMK16UU-SUS	LMK16-SUSA	16		28		37		48		6	38	37	4.5	8.0	4.4	12	770	1170	5	134
LMK20UU-SUS	LMK20-SUSA	20	0 -0.010	32	0 -0.016	42		54		8	43	42	5.5	9.5	5.4	15	860	1370	5	180
LMK25UU-SUS	LMK25-SUSA	25		40		59	0 -0.3	62		8	51	50	5.5.	9.5	5.4	15	980	1560	6	340

★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 LMK12 = 410N
100㎞ basic dynamic load rating(C_{100}) of LMK12 = 410/1.26 = 325.40N
★2 Based on the weight of resin retainer
★3 Main unit : ㎜
★4 1N ≒ 0.102kgf