

for YOU and YOUR customer

LINEAR BUSHING

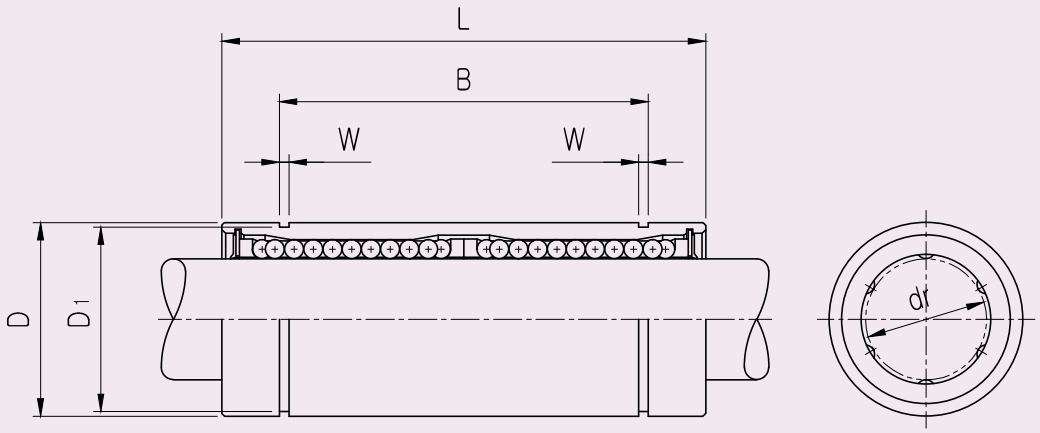
by **SAMICK**

SAMICK PRECISION IND.CO.,LTD.

CATALOG NO. 1501E

LME_L LONG LINEAR BUSHING

Drawing



Part Number Notation

LME 20 L UU - A N S

- LME: European Standard Samick 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

- A: Retainer (material)

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

- N: Outer-sleeves (by corrosion resistance)

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

- S: Ball type (material)

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



★1 Steel retainer applicable from LME8L to LME25L only

LME_L LONG LINEAR BUSHING

PART NUMBER		WORKING BORE DIAMETER		D		L		B		W	D_1	BASIC LOAD RATING(N)		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)		
LME8LUU	LME8L-A	8	+0.009 -0.001	16	0 -0.009	45	0 -0.3	33	0 -0.3	1.1	15.2	430	780	4	31
LME12LUU	LME12L-A	12		22	0 -0.011	57		45.8		1.3	21	650	1200	4	80
LME16LUU	LME16L-A	16	+0.011 -0.001	26		70		49.8		1.3	24.9	1230	2350	5	145
LME20LUU	LME20L-A	20		32		80		61		1.6	30.3	1400	2750	5	180
LME25LUU	LME25L-A	25	+0.013 -0.002	40	0 -0.013	112	0 -0.4	82	0 -0.4	1.85	38	1560	3140	6	440
LME30LUU		30		47		123		104.2		1.85	44.5	2490	5490	6	580
LME40LUU		40	+0.016 -0.004	62	0 -0.015	154		121.2		2.15	59	3430	8040	6	1170
LME50LUU		50		75		192		155.2		2.65	72	6080	15900	6	3100
LME60LUU		60		90	0 -0.020	211		170		3.15	86.5	7650	20000	6	3500

★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 LME12L = 650N
100㎞ basic dynamic load rating(C_{100}) of LME12L = 650/1.26 = 515.87N
★2 Based on the weight of resin retainer
★3 Main unit : ㎜
★4 1N ≒ 0.102kgf