

for YOU and YOUR customer

LINEAR BUSHING

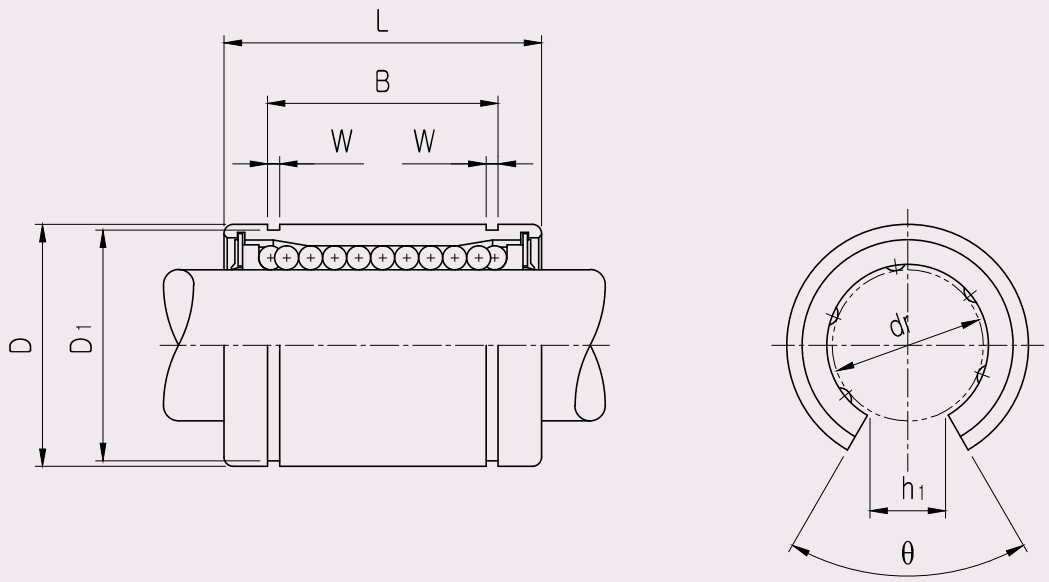
by **SAMICK**

SAMICK PRECISION IND.CO.,LTD.

CATALOG NO. 1501E

LME_OP OPEN LINEAR BUSHING

Drawing



Part Number Notation

LME 20 UU OP - N S

- LME: European Standard Samick Linear Bushing
- 20: Nominal Shaft Diameter
- UU: Seal

Blank	No Seal
UU	Both Side Seal
U	One Side Seal

- OP: Linear Bushing Open type
- 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



LME_OP OPEN LINEAR BUSHING

PART NUMBER	WORKING BORE DIAMETER		D*4		L		B		W	D_1	h	θ	BASIC LOAD RATING(N)		NO. OF BALL ROW	WEIGHT (gf)*2
Resin	dr. (mm)	CLEARNCE (mm)	mm	CLEARNCE (mm)	mm	CLEARNCE (mm)	mm	CLEARNCE (mm)					DYNAMIC (C)*1	STATIC (Co)		
LME12UUOP	12	+0.008 0	22	0 -0.009	32	0 -0.2	22.9	0 -0.2	1.3	21	7.5	78°	410	590	3	41
LME16UUOP	16	+0.009 -0.001	26		36		24.9		1.3	24.9	10	78°	770	1170	4	57
LME20UUOP	20		32	0 -0.011	45		31.5		1.6	30.3	10	60°	860	1370	4	91
LME25UUOP	25	+0.011 -0.0011	40		58	0 -0.3	44.1	0 -0.3	1.85	37.5	12.5	60°	980	1560	5	215
LME30UUOP	30		47		68		52.1		1.85	44.5	12.5	50°	1560	2740	5	325
LME40UUOP	40	+0.013 -0.002	62	0 -0.013	80		60.6		2.15	59	16.8	50°	2150	4010	5	705
LME50UUOP	50		75		100		77.6		2.65	72	21	50°	3820	7930	5	1130
LME60UUOP	60		90	0 -0.015	125	0 -0.4	101.7	0 -0.4	3.15	86.5	27.2	54°	4700	9990	5	2220

★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 LME12OP = 410N
100㎞ basic dynamic load rating(C_{100}) of LME12OP = 410/1.26 = 325.40N
★2 Based on the weight of resin retainer
★3 Main unit : ㎜
★4 Outer diameter is the obtained value before the slotting process.
★5 1N ≒ 0.102kgf