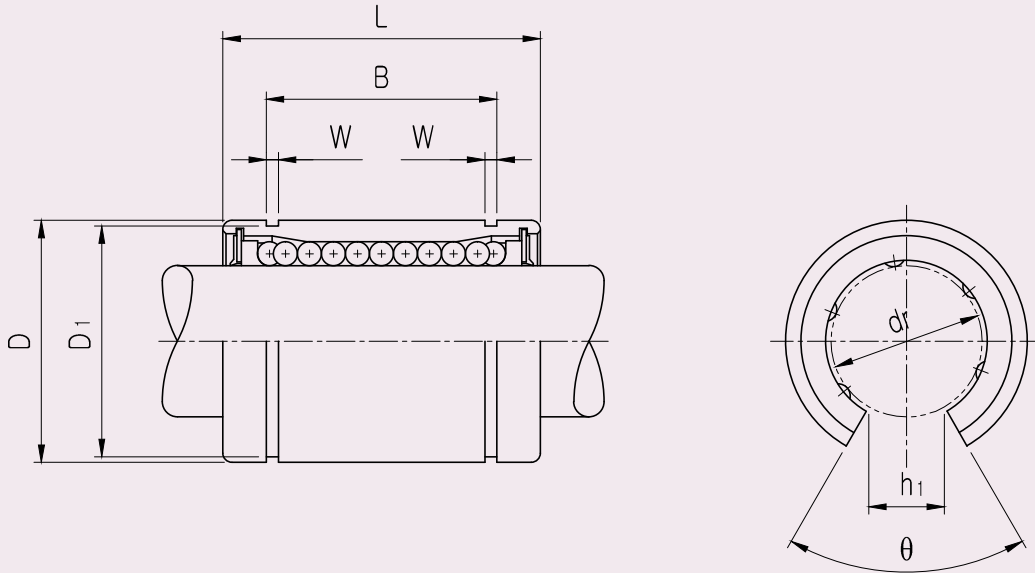


European Standard Linear Bushing (LME)

LME_OP OPEN LINEAR BUSHING

● Drawing



● Part Number Notation

LME 20 UU OP - N S

- European Standard Samick Linear Bushing
- Nominal Shaft Diameter
- Seal

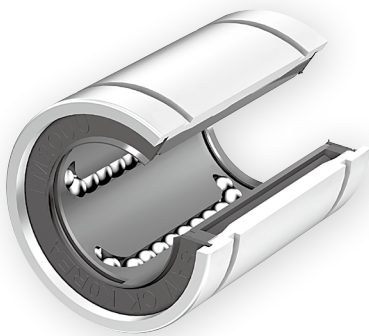
UU	Both Side Seal ^{★1}
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- Linear Bushing Open type
- Outer-sleeves (by corrosion resistance)

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 UU type only available.
No seal type & One side seal type not available.
★ Resin retainer only applicable

European Standard Linear Bushing (LME)

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}		
LME12UUOP	12	+0.008 0	22	0	32	0	22.9	0	1.3	21	7.5	78°	410	590	3	41
LME16UUOP	16	+0.009 -0.001	26	-0.009	36	0	24.9	0	1.3	24.9	10	78°	770	1170	4	57
LME20UUOP	20		32	0	45	0	31.5	0	1.6	30.3	10	60°	860	1370	4	91
LME25UUOP	25	+0.011 -0.0011	40	0	58	0	44.1	0	1.85	37.5	12.5	60°	980	1560	5	215
LME30UUOP	30		47	0	68	0	52.1	0	1.85	44.5	12.5	50°	1560	2740	5	325
LME40UUOP	40	+0.013 -0.002	62	0	80	-0.3	60.6	-0.3	2.15	59	16.8	50°	2150	4010	5	705
LME50UUOP	50		75	0	100	0	77.6	0	2.65	72	21	50°	3820	7930	5	1130
LME60UUOP	60		90	0	125	0	101.7	-0.4	3.15	86.5	27.2	54°	4700	9990	5	2220

- ★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 LME12OP = 410N
 100km basic dynamic load rating(C₁₀₀) of LME12OP = 410/1.26 = 325.40N
- ★2 Based on the weight of resin retainer
- ★3 Main unit : mm
- ★4 Outer diameter is the obtained value before the slotting process.
- ★5 1N ≅ 0.102kgf