

for YOU and YOUR customer

LINEAR BUSHING

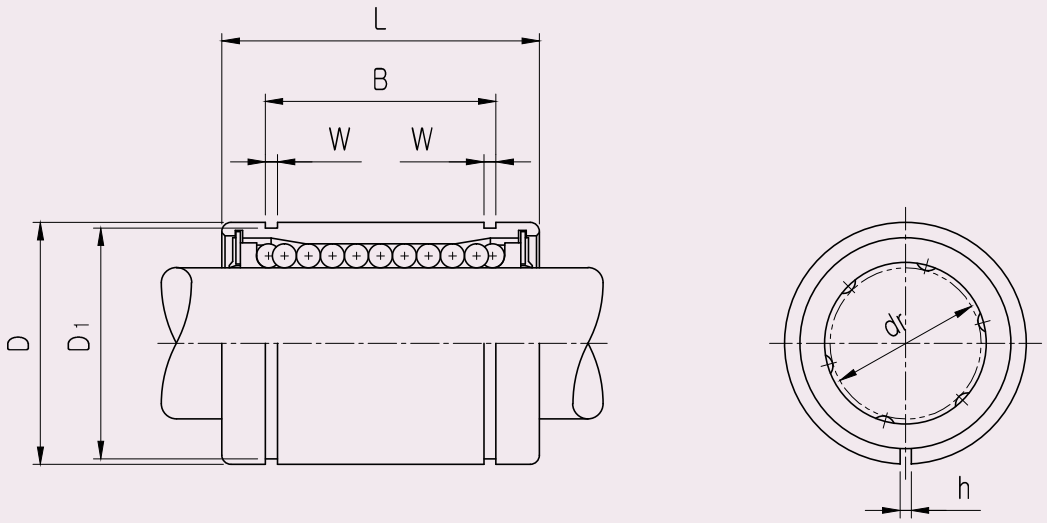
by **SAMICK**

SAMICK PRECISION IND.CO.,LTD.

CATALOG NO. 1501E

LME_AJ ADJUSTABLE LINEAR BUSHING

Drawing



Part Number Notation

LME 20 UU AJ - A N S

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

Blank	No Seal
UU	Both Side Seal
U	One Side Seal

- Linear Bushing Adjustable type
- Retainer (material)

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

- 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 Steel retainer applicable from LME8AJ to LME25AJ only

LME_AJ ADJUSTABLE LINEAR BUSHING

PART NUMBER		WORKING BORE DIAMETER		D*4		L		B		W	D_1	h	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)		
LME5UUAJ		5	+0.008 0	12	0 -0.008	22	0 -0.2	14.5	0 -0.2	1.1	11.5	1	200	260	4	12
LME8UUAJ	LME8AJ-A	8		16		25		16.5		1.1	15.2	1	260	400	4	20
LME12UUAJ	LME12AJ-A	12		22	0 -0.009	32		22.9		1.3	21	1.5	410	590	4	41
LME16UUAJ	LME16AJ-A	16	+0.009 -0.001	26		36		24.9		1.3	24.9	1.5	770	1170	5	57
LME20UUAJ	LME20AJ-A	20		32	0 -0.011	45		31.5		1.6	30.3	2	860	1370	5	91
LME25UUAJ	LME25AJ-A	25	+0.011 -0.001	40		58	0 -0.3	44.1	0 -0.3	1.85	37.5	2	980	1560	6	215
LME30UUAJ		30		47		68		52.1		1.85	44.5	2	1560	2740	6	325
LME40UUAJ		40	+0.013 -0.002	62	0 -0.013	80		60.6		2.15	59	3	2150	4010	6	705
LME50UUAJ		50		75		100		77.6		2.65	72	3	3820	7930	6	1130
LME60UUAJ		60		90	0 -0.015	125	0 -0.4	101.7	0 -0.4	3.15	86.5	3	4700	9990	6	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 LME12AJ = 410N
100㎞ basic dynamic load rating(C_{100}) of LME12AJ = 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