

for YOU and YOUR customer

LINEAR BUSHING

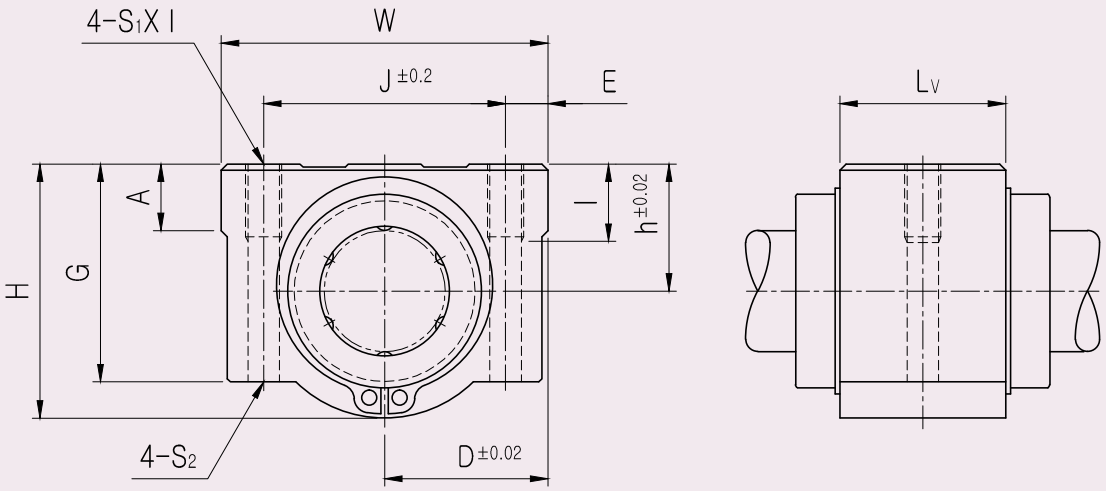
by **SAMICK**

SAMICK PRECISION IND.CO.,LTD.

CATALOG NO. 1501E

SCV ALUMINUM CASE UNIT

Drawing



Part Number Notation

SC 20 V UU N - A N S

- Aluminum Case Unit
- Nominal Shaft Diameter
- Compact type
- Seal

Blank	No Seal
UU	Both Side Seal
U	One Side Seal

- New 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 SC8V to SC25V only

SCV ALUMINUM CASE UNIT

PART NUMBER	L/B	h	D	W	H	G	A	J	E	$S_1 \times \ell$	S_2	L_V	BASIC LOAD RATING(N)*4		WEIGHT (gf)*2
													DYNAMIC (C)*1	STATIC (Co)	
SC8VUU-B	LM8UU	11	17	34	22	18	6	24	5	M4×8	Φ3.4	15.4	260	400	36
SC10VUU-B	LM10UU	13	20	40	26	21	8	28	6	M5×10	Φ4.3	19.5	370	540	63
SC12VUU-B	LM12UU	15	22	44	30	24.5	8	33	5.5	M5×12	Φ4.3	20.5	410	590	74
SC12VUUN-B	LM12UU	15	21	42	28	24	7.4	30.5	5.75	M5×12	Φ4.3	20.5	410	590	74
SC13VUU-B	LM13UU	15	22	44	30	24.5	8	33	5.5	M5×12	Φ4.3	20.5	500	770	85
SC16VUU-B	LM16UU	19	25	50	38.5	32.5	9	36	7	M5×12	Φ4.3	23.5	770	1170	132
SC20VUU-B	LM20UU	21	27	54	41	35	11	40	7	M6×12	Φ5.2	27.4	860	1370	170
SC25VUU-B	LM25UU	26	38	76	51.5	41	12	54	11	M8×18	Φ6.8	37.4	980	1560	405
SC30VUU-B	LM30UU	30	39	78	59.5	49	15	58	10	M8×18	Φ6.8	40.9	1560	2740	495
SC35VUU-B	LM35UU	34	45	90	68	54	18	70	10	M8×18	Φ6.8	45.4	1660	3130	790
SC40VUU-B	LM40UU	40	51	102	78	62	20	80	11	M10×25	Φ8.6	56.4	2150	4010	1220
SC50VUU-B	LM50UU	52	61	122	102	80	24	100	11	M10×25	Φ8.6	68.9	3820	7930	2300

★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 SC12V = 410N
100㎞ basic dynamic load rating(C_{100}) of SC12V = 410/1.26 = 325.40N
★2 Based on the weight of resin retainer
★3 Main unit : ㎜
★4 1N ≒ 0.102kgf
★5 Steel retainer applicable from SC8V to SC25V only