

SMT-E TYPE

– Two Side Cut Pilot End Flange Type –



part number structure

example **SMST 25 G UU -E -SK**

specification
SMT: standard
SMST: anti-corrosion

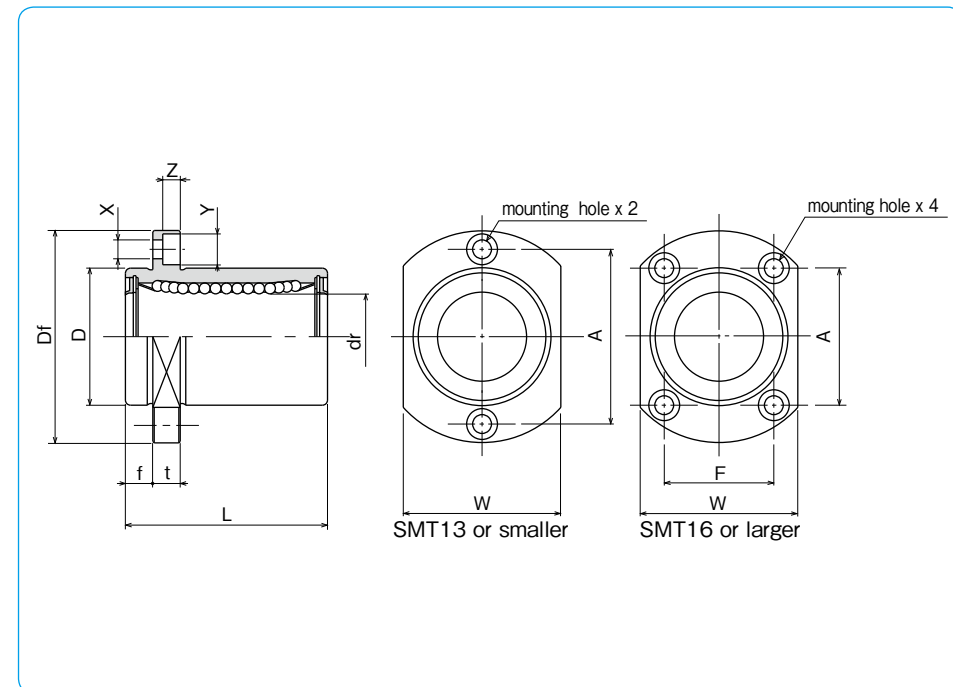
inner contact diameter (dr)

retainer material
blank: standard/steel
 anti-corrosion/stainless steel
G: resin

outer cylinder surface treatment
blank: no surface treatment
SK: electroless nickel plating
LF: low temperature black chrome treatment with fluoride coating
SB: black oxide (not available on anti-corrosion type)
SC: industrial chrome plating

with pilot end

seal
UU: seals on both sides
ZZ: doublelip-seals on both sides



part number*				number of ball circuits	major dimensions			
standard		anti-corrosion			dr	D	L	
steel retainer	resin retainer	stainless retainer	resin retainer	mm	tolerance μm	mm	tolerance μm	±0.3 mm
SMT 6UU-E	SMT 6GUU-E	SMST 6UU-E	SMST 6GUU-E	4	6	12	0	19
SMT 8UU-E	SMT 8GUU-E	SMST 8UU-E	SMST 8GUU-E	4	8	15	-13	24
SMT10UU-E	SMT10GUU-E	SMST10UU-E	SMST10GUU-E	4	10	19	0	29
SMT12UU-E	SMT12GUU-E	SMST12UU-E	SMST12GUU-E	4	12	21	0	30
SMT13UU-E	SMT13GUU-E	SMST13UU-E	SMST13GUU-E	4	13	23	-16	32
SMT16UU-E	SMT16GUU-E	SMST16UU-E	SMST16GUU-E	4	16	28		37
SMT20UU-E	SMT20GUU-E	SMST20UU-E	SMST20GUU-E	5	20	32	0	42
SMT25UU-E	SMT25GUU-E	SMST25UU-E	SMST25GUU-E	6	25	40	-19	59
SMT30UU-E	SMT30GUU-E	SMST30UU-E	SMST30GUU-E	6	30	45		64

* Seals-on-both-sides is standard.

f mm	Df mm	flange				eccentricity μm	perpendicularity μm	basic load rating		mass g	shaft diameter mm	
		W mm	t mm	A mm	F mm			dynamic C N	static Co N			
5	28	18	5	20	—	3.5×6×3.1	12	12	206	265	21	6
5	32	21	5	24	—	3.5×6×3.1			274	392	33	8
6	40	25	6	29	—	4.5×7.5×4.1			372	549	64	10
6	42	27	6	32	—	4.5×7.5×4.1	15	15	510	784	68	12
6	43	29	6	33	—	4.5×7.5×4.1			510	784	81	13
6	48	34	6	31	22	4.5×7.5×4.1			774	1,180	112	16
8	54	38	8	36	24	5.5×9×5.1	15	15	882	1,370	167	20
8	62	46	8	40	32	5.5×9×5.1			980	1,570	325	25
10	74	51	10	49	35	6.6×11×6.1			1,570	2,740	388	30

1N≒0.102kgf