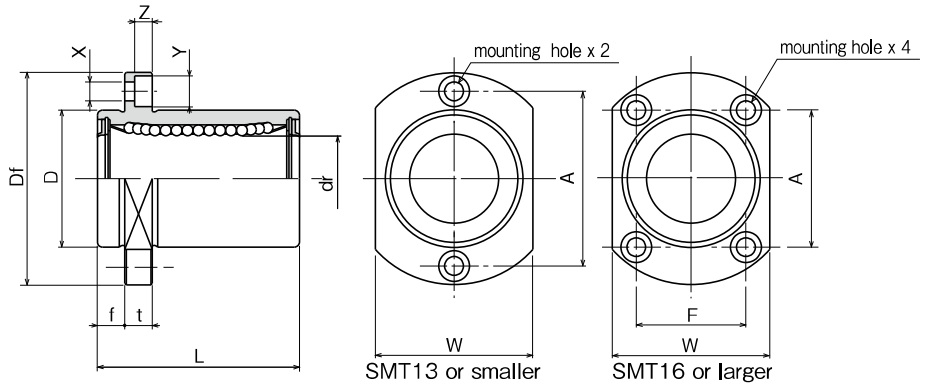
SMT-E TYPE

– 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
- seal
  UU: seals on both sides
  ZZ: doublelip-seals on both sides
- with pilot end
- 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



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	0 −9	12	0 −13	19
SMT 8UU-E	SMT 8GUU-E	SMST 8UU-E	SMST 8GUU-E	4	8		15		24
SMT10UU-E	SMT10GUU-E	SMST10UU-E	SMST10GUU-E	4	10		19	0 −16	29
SMT12UU-E	SMT12GUU-E	SMST12UU-E	SMST12GUU-E	4	12		21		30
SMT13UU-E	SMT13GUU-E	SMST13UU-E	SMST13GUU-E	4	13		23		32
SMT16UU-E	SMT16GUU-E	SMST16UU-E	SMST16GUU-E	4	16		28		37
SMT20UU-E	SMT20GUU-E	SMST20UU-E	SMST20GUU-E	5	20	0 −10	32	0 −19	42
SMT25UU-E	SMT25GUU-E	SMST25UU-E	SMST25GUU-E	6	25		40		59
SMT30UU-E	SMT30GUU-E	SMST30UU-E	SMST30GUU-E	6	30		45		64

* Seals-on-both-sides is standard.

flange								eccentricity	perpendicularity	basic load rating		mass	shaft diameter
f mm	Df mm	W mm	t mm	A mm	F mm	X×Y×Z mm		μm	μm	dynamic C N	static Co N	g	mm
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				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