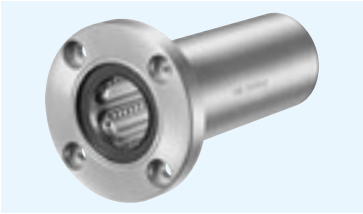
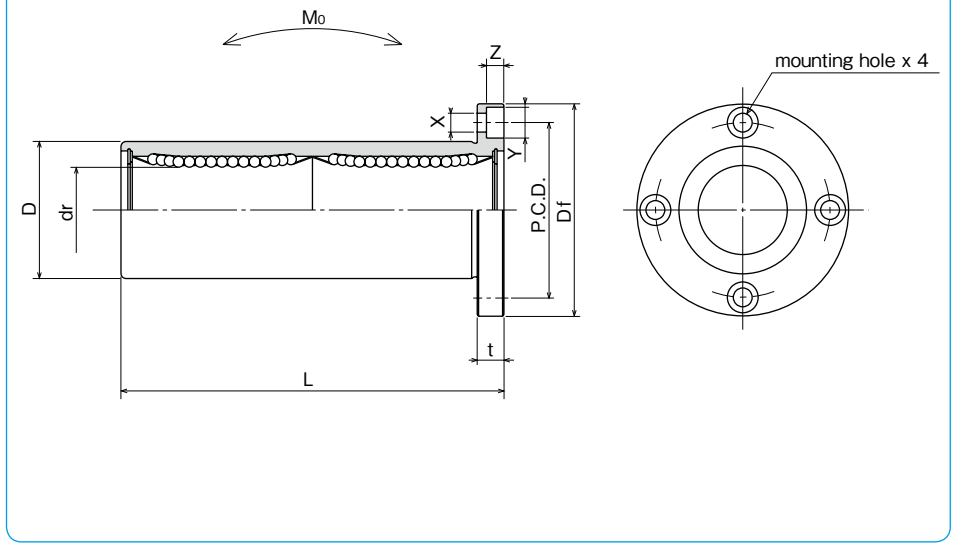
SMF-W TYPE

— Round Flange Double-Wide Type —





part number structure

example **SMSF 25 G W UU - SK**

- specification
  SMF: standard
  SMSF: anti-corrosion
- inner contact diameter (dr)
- retainer material
  blank: standard/steel
  anti-corrosion/stainless steel
  G: resin
- double-wide type
- seal
  blank: without seal
  UU: seals on both sides
  ZZ: doublelip-seals on both sides
- 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

Doublelip-seal is available for size 6 to 30.

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
SMF 6W	SMF 6GW	SMSF 6W	SMSF 6GW	4	6	0 −10	12	0 −13	35
SMF 8W	SMF 8GW	SMSF 8W	SMSF 8GW	4	8		15		45
SMF10W	SMF10GW	SMSF10W	SMSF10GW	4	10		19	0 −16	55
SMF12W	SMF12GW	SMSF12W	SMSF12GW	4	12		21		57
SMF13W	SMF13GW	SMSF13W	SMSF13GW	4	13		23		61
SMF16W	SMF16GW	SMSF16W	SMSF16GW	4	16		28		70
SMF20W	SMF20GW	SMSF20W	SMSF20GW	5	20	0 −12	32	0 −19	80
SMF25W	SMF25GW	SMSF25W	SMSF25GW	6	25		40		112
SMF30W	SMF30GW	SMSF30W	SMSF30GW	6	30		45		123
SMF35W	SMF35GW	SMSF35W	SMSF35GW	6	35	0 −15	52	0 −22	135
SMF40W	SMF40GW	SMSF40W	SMSF40GW	6	40		60		151
SMF50W	SMF50GW	SMSF50W	SMSF50GW	6	50		80		192
SMF60W	SMF60GW	SMSF60W	SMSF60GW	6	60	0/−20	90	0/−25	209

flange				eccentricity	perpendicularity	basic load rating		allowable static moment	mass	shaft diameter
Df mm	t mm	P.C.D. mm	X×Y×Z mm	μm	μm	dynamic C N	static Co N	M0 N・m	g	mm
28	5	20	3.5×6×3.1	15	15	323	530	2.18	31	6
32	5	24	3.5×6×3.1			431	784	4.31	51	8
40	6	29	4.5×7.5×4.1			588	1,100	7.24	98	10
42	6	32	4.5×7.5×4.1			813	1,570	10.9	110	12
43	6	33	4.5×7.5×4.1			813	1,570	11.6	130	13
48	6	38	4.5×7.5×4.1			1,230	2,350	19.7	190	16
54	8	43	5.5×9×5.1	20	20	1,400	2,740	26.8	260	20
62	8	51	5.5×9×5.1			1,560	3,140	43.4	540	25
74	10	60	6.6×11×6.1			2,490	5,490	82.8	680	30
82	10	67	6.6×11×6.1	25	25	2,650	6,270	110	1,020	35
96	13	78	9×14×8.1			3,430	8,040	147	1,570	40
116	13	98	9×14×8.1			6,080	15,900	397	3,600	50
134	18	112	11×17×11.1	30	30	7,550	20,000	530	4,500	60

1N≒0.102kgf　1N・m≒0.102kgf・m