SMKC TYPE

— Center Mount Square Flange Type —

part number structure

example **SMSKC 25 G UU - SK**

specification
SMKC: standard
SMSKC: anti-corrosion

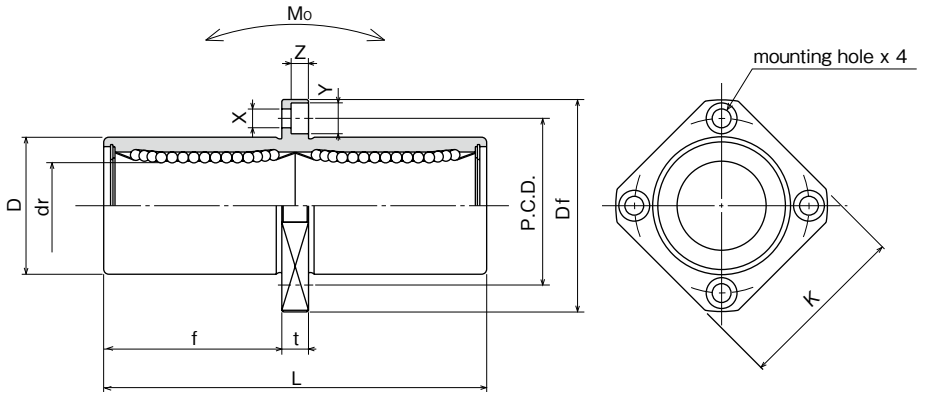
inner contact diameter (dr)

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

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
SMKC 6	SMKC 6G	SMSKC 6	SMSKC 6G	4	6	0 −10	12	0 −13	35
SMKC 8	SMKC 8G	SMSKC 8	SMSKC 8G	4	8		15		45
SMKC10	SMKC10G	SMSKC10	SMSKC10G	4	10		19	0 −16	55
SMKC12	SMKC12G	SMSKC12	SMSKC12G	4	12		21		57
SMKC13	SMKC13G	SMSKC13	SMSKC13G	4	13		23		61
SMKC16	SMKC16G	SMSKC16	SMSKC16G	4	16		28		70
SMKC20	SMKC20G	SMSKC20	SMSKC20G	5	20	0 −12	32	0 −19	80
SMKC25	SMKC25G	SMSKC25	SMSKC25G	6	25		40		112
SMKC30	SMKC30G	SMSKC30	SMSKC30G	6	30		45		123
SMKC35	SMKC35G	SMSKC35	SMSKC35G	6	35	0 −15	52	0 −22	135
SMKC40	SMKC40G	SMSKC40	SMSKC40G	6	40		60		151
SMKC50	SMKC50G	SMSKC50	SMSKC50G	6	50		80		192
SMKC60	SMKC60G	SMSKC60	SMSKC60G	6	60	0/−20	90	0/−25	209

flange						eccentricity	perpendicularity	basic load rating		allowable static moment	mass	shaft diameter
f mm	Df mm	K mm	t mm	P.C.D. mm	X×Y×Z mm	μm	μm	dynamic C N	static Co N	Mo N・m	g	mm
15	28	22	5	20	3.5×6×3.1	15	15	323	530	2.18	25	6
20	32	25	5	24	3.5×6×3.1			431	784	4.31	43	8
24.5	40	30	6	29	4.5×7.5×4.1			588	1,100	7.24	78	10
25.5	42	32	6	32	4.5×7.5×4.1			813	1,570	10.9	90	12
27.5	43	34	6	33	4.5×7.5×4.1			813	1,570	11.6	108	13
32	48	37	6	38	4.5×7.5×4.1			1,230	2,350	19.7	165	16
36	54	42	8	43	5.5×9×5.1	20	20	1,400	2,740	26.8	225	20
52	62	50	8	51	5.5×9×5.1			1,560	3,140	43.4	500	25
56.5	74	58	10	60	6.6×11×6.1			2,490	5,490	82.8	590	30
62.5	82	64	10	67	6.6×11×6.1	25	25	2,650	6,270	110	930	35
69	96	75	13	78	9×14×8.1			3,430	8,040	147	1,380	40
89.5	116	92	13	98	9×14×8.1			6,080	15,900	397	3,400	50
95.5	134	106	18	112	11×17×11.1	30	30	7,550	20,000	530	4,060	60

1N≒0.102kgf 1N・m≒0.102kgf・m