

SMK-W-E TYPE

— Square Flange Double-Wide Pilot End Type —



part number structure

example **SMSK 25 G W UU - E - SK**

specification
SMK: standard
SMSK: anti-corrosion

inner contact diameter (dr)

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

double-wide type

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

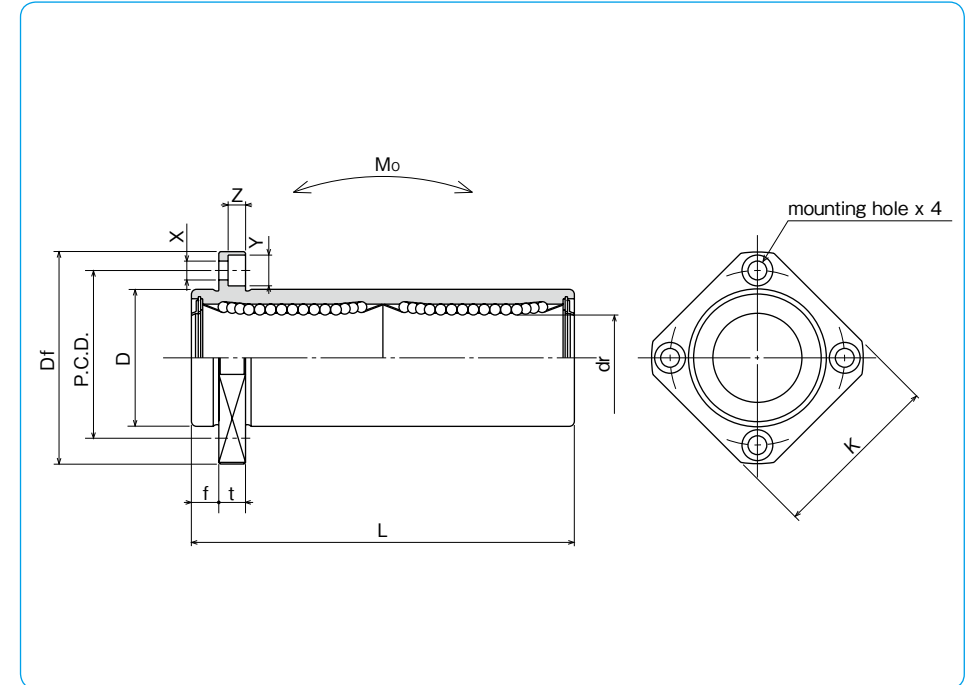
with pilot end

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

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					tolerance μm	tolerance μm
SMK 6WUU-E	SMK 6GWUU-E	SMKS 6WUU-E	SMKS 6GWUU-E	4	6	0	12	0	35
SMK 8WUU-E	SMK 8GWUU-E	SMKS 8WUU-E	SMKS 8GWUU-E	4	8		15	−13	45
SMK10WUU-E	SMK10GWUU-E	SMKS10WUU-E	SMKS10GWUU-E	4	10		19		55
SMK12WUU-E	SMK12GWUU-E	SMKS12WUU-E	SMKS12GWUU-E	4	12	−10	21	0	57
SMK13WUU-E	SMK13GWUU-E	SMKS13WUU-E	SMKS13GWUU-E	4	13		23	−16	61
SMK16WUU-E	SMK16GWUU-E	SMKS16WUU-E	SMKS16GWUU-E	4	16		28		70
SMK20WUU-E	SMK20GWUU-E	SMKS20WUU-E	SMKS20GWUU-E	5	20	0	32		80
SMK25WUU-E	SMK25GWUU-E	SMKS25WUU-E	SMKS25GWUU-E	6	25		40	0	112
SMK30WUU-E	SMK30GWUU-E	SMKS30WUU-E	SMKS30GWUU-E	6	30		45	−19	123
SMK35WUU-E	SMK35GWUU-E	—	—	6	35	0	52		135
SMK40WUU-E	SMK40GWUU-E	—	—	6	40		60	0	151
SMK50WUU-E	SMK50GWUU-E	—	—	6	50		80	−22	192
SMK60WUU-E	SMK60GWUU-E	—	—	6	60	0/−20	90	0/−25	209

* Seals-on-both-sides is standard.



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

1N ≅ 0.102kgf 1N · m ≅ 0.102kgf · m