

SWF-W TYPE (Inch Standard)

– Round Flange Double-Wide Type –



part number structure

example **SWSF 16 G W UU -SK**

specification
SWF: standard
SWSF: anti-corrosion

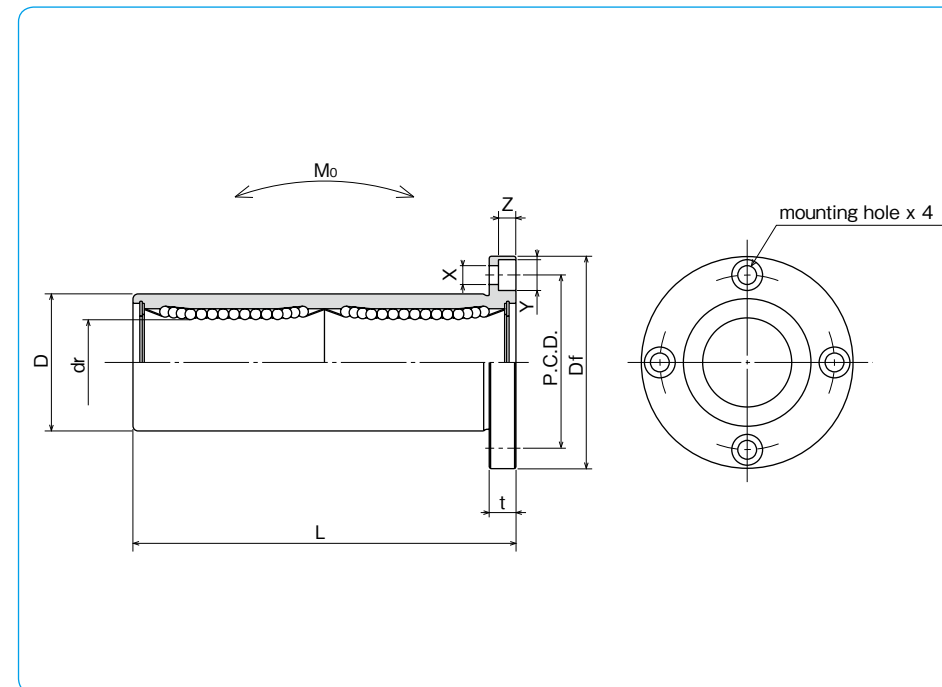
size

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

seal
blank: without seal
UU: seals on both sides

double-wide type



part number				number of ball circuits	major dimensions				
standard		anti-corrosion			dr		D		L
steel retainer	resin retainer	stainless retainer	resin retainer		inch (mm)	tolerance inch/(μm)	inch (mm)	tolerance inch/(μm)	±.012 (±0.3) inch/(mm)
SWF 4W	SWF 4GW	SWSF 4W	SWSF 4GW	4	.2500 (6.350)	⁰ / _{-.00050 (-13)}	.5000 (12.700)	⁰ / _{-.00050 (-13)}	1.3750 (34.925)
SWF 6W	SWF 6GW	SWSF 6W	SWSF 6GW	4	.3750 (9.525)	⁰ / _{-.00040 (-10)}	.6250 (15.875)	⁰ / _{-.00065 (-16)}	1.5938 (40.481)
SWF 8W	SWF 8GW	SWSF 8W	SWSF 8GW	4	.5000 (12.700)	⁰ / _{-.00065 (-16)}	.8750 (22.225)	⁰ / _{-.00065 (-16)}	2.3750 (60.325)
SWF10W	SWF10GW	SWSF10W	SWSF10GW	4	.6250 (15.875)	⁰ / _{-.00075 (-19)}	1.1250 (28.575)	⁰ / _{-.00075 (-19)}	2.8125 (71.438)
SWF12W	SWF12GW	SWSF12W	SWSF12GW	5	.7500 (19.050)	⁰ / _{-.00075 (-19)}	1.2500 (31.750)	⁰ / _{-.00075 (-19)}	3.0937 (78.581)
SWF16W	SWF16GW	SWSF16W	SWSF16GW	6	1.0000 (25.400)	⁰ / _{-.00060 (-15)}	1.5625 (39.688)	⁰ / _{-.00090 (-22)}	4.2813 (108.744)
SWF20W	SWF20GW	SWSF20W	SWSF20GW	6	1.2500 (31.750)	⁰ / _{-.00060 (-15)}	2.0000 (50.800)	⁰ / _{-.00090 (-22)}	5.0000 (127.000)
SWF24W	SWF24GW	SWSF24W	SWSF24GW	6	1.5000 (38.100)	⁰ / _{-.00060 (-15)}	2.3750 (60.325)	⁰ / _{-.00090 (-22)}	5.6875 (144.463)
SWF32W	SWF32GW	SWSF32W	SWSF32GW	6	2.0000 (50.800)	⁰ / _{-.00100 (-25)}	3.0000 (76.200)	⁰ / _{-.00100 (-25)}	7.7500 (196.850)

flange				eccentricity inch (μm)	perpendicularity inch (μm)	basic load rating		allowable static moment Mo N·m	mass g	shaft diameter inch (mm)
Df	t	P.C.D.	X×Y×Z			dynamic C N	static Co N			
1.2500 (31.750)	.2187 (5.556)	.8750 (22.225)	.1563×.2500×.1406 (3.969×6.350×3.572)	.0006 (15)	.0006 (15)	323	530	2.0	40	1/4 (6.350)
1.5000 (38.100)	.2500 (6.350)	1.0625 (26.988)	.1875×.2969×.1719 (4.763×7.541×4.366)			353	630	2.7	60	3/8 (9.525)
1.7500 (44.450)	.2500 (6.350)	1.3125 (33.338)	.1875×.2969×.1719 (4.763×7.541×4.366)			813	1,570	11.5	126	1/2 (12.700)
2.0000 (50.800)	.2500 (6.350)	1.5625 (39.688)	.1875×.2969×.1719 (4.763×7.541×4.366)			1,230	2,350	20.0	215	5/8 (15.875)
2.1875 (55.563)	.3125 (7.938)	1.7188 (43.656)	.2188×.3438×.2031 (5.556×8.731×5.159)	.0008 (20)	.0008 (20)	1,370	2,740	26.5	280	3/4 (19.050)
2.5000 (63.500)	.3125 (7.938)	2.0313 (51.594)	.2188×.3438×.2031 (5.556×8.731×5.159)			1,570	3,140	41.2	515	1 (25.400)
3.1250 (79.375)	.3750 (9.525)	2.5625 (65.088)	.2813×.4063×.2656 (7.144×10.319×6.747)			2,500	5,490	84.8	1,020	1-1/4 (31.750)
3.7500 (95.250)	.5000 (12.700)	3.0625 (77.788)	.3437×.5000×.3281 (8.731×12.700×8.334)	.0012 (30)	.0012 (30)	3,430	8,040	143	1,630	1-1/2 (38.100)
4.3750 (111.125)	.5000 (12.700)	3.6875 (93.662)	.3437×.5000×.3281 (8.731×12.700×8.334)			6,080	15,900	399	2,800	2 (50.800)

1N≒0.225lbf 1N·m≒0.738lb·ft
 1kg≒2.205lbs