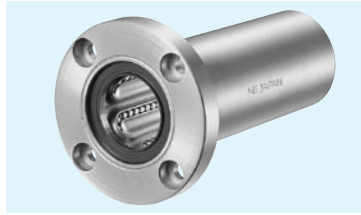


SWF-W TYPE (Inch Standard)

— Round Flange Double-Wide Type —



part number structure

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

specification
SWF: standard
SWSF: anti-corrosion

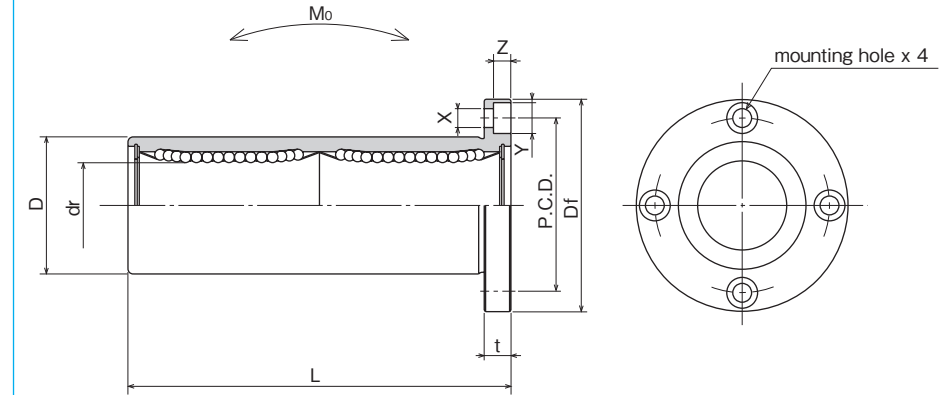
size

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 ±.012 (±0.3) inch/(mm)	
steel retainer	resin retainer	stainless retainer	resin retainer		inch (mm)	tolerance inch/(μm)	inch (mm)	tolerance inch/(μm)		
SWF 4W	SWF 4GW	SWSF 4W	SWSF 4GW	4	.2500 (6.350)	0 -0.0040 (-10)	.5000 (12.700)	0 -0.0050 (-13)	1.3750 (34.925)	
SWF 6W	SWF 6GW	SWSF 6W	SWSF 6GW	4	.3750 (9.525)		.6250 (15.875)	0	1.5938 (40.481)	
SWF 8W	SWF 8GW	SWSF 8W	SWSF 8GW	4	.5000 (12.700)		.8750 (22.225)	0 -0.0065 (-16)	2.3750 (60.325)	
SWF10W	SWF10GW	SWSF10W	SWSF10GW	4	.6250 (15.875)	0 -0.0050 (-12)	1.1250 (28.575)	0 -0.0075 (-19)	2.8125 (71.438)	
SWF12W	SWF12GW	SWSF12W	SWSF12GW	5	.7500 (19.050)		1.2500 (31.750)		0	3.0937 (78.581)
SWF16W	SWF16GW	SWSF16W	SWSF16GW	6	1.0000 (25.400)		1.5625 (39.688)		0	4.2813 (108.744)
SWF20W	SWF20GW	SWSF20W	SWSF20GW	6	1.2500 (31.750)	0 -0.0060 (-15)	2.0000 (50.800)	0 -0.0090 (-22)	5.0000 (127.000)	
SWF24W	SWF24GW	SWSF24W	SWSF24GW	6	1.5000 (38.100)		2.3750 (60.325)		0	5.6875 (144.463)
SWF32W	SWF32GW	SWSF32W	SWSF32GW	6	2.0000 (50.800)		3.0000 (76.200)		0 -0.0100 (-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			
inch/(mm)	inch/(mm)	inch/(mm)	inch/(mm)							
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)			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)	.0012 (30)	.0012 (30)	6,080	15,900	399	2,800	2 (50.800)

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