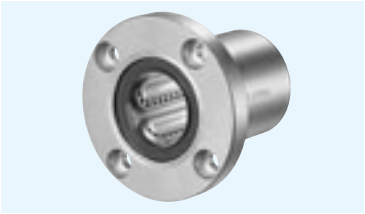
SWF TYPE (Inch Standard)

– Round Flange Type –



part number structure

example **SWSF 16 G UU-SK**

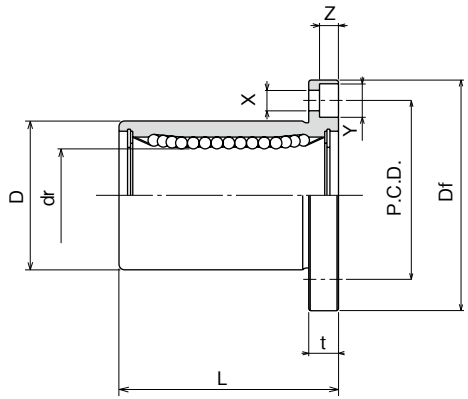
specification
SWF: standard
SWSF: anti-corrosion

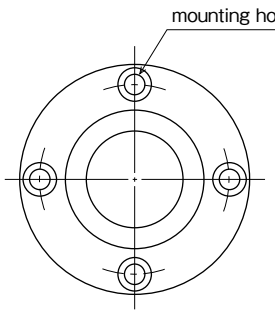
size

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

seal
blank: without seal
UU: 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





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 4	SWF 4G	SWSF 4	SWSF 4G	4	.2500 (6.350)	−.00040 (−9)	.5000 (12.700)	0 −.00050 (−13)	.7500 (19.050)
SWF 6	SWF 6G	SWSF 6	SWSF 6G	4	.3750 (9.525)		.6250 (15.875)		.8750 (22.225)
SWF 8	SWF 8G	SWSF 8	SWSF 8G	4	.5000 (12.700)		.8750 (22.225)	−.00065 (−16)	1.2500 (31.750)
SWF10	SWF10G	SWSF10	SWSF10G	4	.6250 (15.875)		1.1250 (28.575)		1.5000 (38.100)
SWF12	SWF12G	SWSF12	SWSF12G	5	.7500 (19.050)	0 −.00040 (−10)	1.2500 (31.750)	0 −.00075 (−19)	1.6250 (41.275)
SWF16	SWF16G	SWSF16	SWSF16G	6	1.0000 (25.400)		1.5625 (39.688)		2.2500 (57.150)
SWF20	SWF20G	SWSF20	SWSF20G	6	1.2500 (31.750)	0 −.00050 (−12)	2.0000 (50.800)	0 −.00090 (−22)	2.6250 (66.675)
SWF24	SWF24G	SWSF24	SWSF24G	6	1.5000 (38.100)		2.3750 (60.325)		3.0000 (76.200)
SWF32	SWF32G	SWSF32	SWSF32G	6	2.0000 (50.800)		3.0000 (76.200)	0 −.00100 (−25)	4.0000 (101.600)
SWF40	–	–	–	6	2.5000 (63.500)	0 −.00060 (−15)	3.7500 (95.250)		5.0000 (127.000)
SWF48	–	–	–	6	3.0000 (76.200)		4.5000 (114.300)		6.0000 (152.400)
SWF64	–	–	–	6	4.0000 (101.600)	0 −.00080 (−20)	6.0000 (152.400)	0 −.00115 (−29)	8.0000 (203.200)

flange				eccentricity	perpendicularity	basic load rating		mass	shaft diameter
Df inch/(mm)	t inch/(mm)	P.C.D. inch/(mm)	X×Y×Z inch/(mm)	inch (μm)	inch (μm)	dynamic C N	static Co N	g	inch (mm)
1.2500 (31.750)	.2187 (5.556)	.8750 (22.225)	.1560×.2500×.1410 (3.969×6.350×3.572)	.0005 (12)	.0005 (12)	206	265	32	1/4 (6.350)
1.5000 (38.100)	.2500 (6.350)	1.0620 (26.988)	.1875×.2970×.1720 (4.763×7.541×4.366)			225	314	47	3/8 (9.525)
1.7500 (44.450)	.2500 (6.350)	1.312 (33.338)	.1875×.2970×.1720 (4.763×7.541×4.366)			510	784	88	1/2 (12.700)
2.0000 (50.800)	.2500 (6.350)	1.5620 (39.688)	.1875×.2970×.1720 (4.763×7.541×4.366)			774	1,180	140	5/8 (15.875)
2.1875 (55.563)	.3125 (7.938)	1.7180 (43.660)	.2187×.3440×.2030 (5.556×8.731×5.159)	.0006 (15)	.0006 (15)	862	1,370	190	3/4 (19.050)
2.5000 (63.500)	.3125 (7.938)	2.0310 (51.594)	.2187×.3440×.2030 (5.556×8.731×5.159)			980	1,570	325	1 (25.400)
3.1250 (79.375)	.3750 (9.525)	2.5625 (65.088)	.2812×.4060×.2656 (7.144×10.319×6.747)	.0008 (20)	.0008 (20)	1,570	2,740	665	1-1/4 (31.750)
3.7500 (95.250)	.5000 (12.700)	3.0625 (77.788)	.3440×.5000×.3280 (8.731×12.700×8.334)			2,180	4,020	1,100	1-1/2 (38.100)
4.3750 (111.125)	.5000 (12.700)	3.6875 (93.662)	.3440×.5000×.3280 (8.731×12.700×8.334)	.0010 (25)	.0010 (25)	3,820	7,940	1,760	2 (50.800)
5.3750 (136.525)	.7500 (19.050)	4.5625 (115.887)	.4062×.6250×.3750 (10.319×15.875×9.525)			4,700	10,000	3,570	2-1/2 (63.500)
6.1250 (155.575)	.7500 (19.050)	5.3125 (134.937)	.4062×.6250×.3750 (10.319×15.875×9.525)			7,350	16,000	5,600	3 (76.200)
8.0000 (203.200)	.8750 (22.225)	7.0000 (177.800)	.5000×.7125×.5000 (12.700×18.097×12.700)	.0012 (30)	.0012 (30)	14,100	34,800	12,000	4 (101.600)

1N≒0.225lbf 1kg≒2.205lbs