
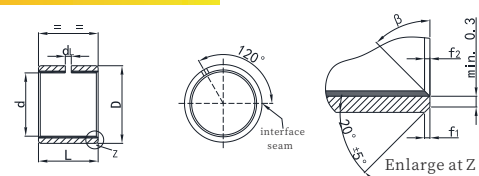


JX BUSHING FASTENERS SERIES

Parameters	JX-SF-2 Boundary Lubricated Bushings	JX-SF-2H Lead-free Boundary Lubrication Bearings	SF-2S Lead-free Boundary Lubrication Bearings	SF-2L Lead-free Boundary Lubrication Bearings
Max load capacity P (Static)	250 N/mm ²	250 N/mm ²	250 N/mm ²	250 N/mm ²
Max load capacity P (Dynamic)	140 N/mm ²	140 N/mm ²	140 N/mm ²	140 N/mm ²
Max line speed V (Grease)	2.5 m/s	2.5 m/s	2.5 m/s	2.5 m/s
Max imum PV value(Grease)	3N/mm ² .m/s	3N/mm ² .m/s	3N/mm ² .m/s	3N/mm ² .m/s
Friction Coef.	0.05~0.25	0.05~0.25	0.05~0.25	0.05~0.25
Working temperature	-40°C~+110°C	-40°C~+110°C	-40°C~+110°C	-40°C~+110°C
Thermal conductivity	4 W/(m.k)	4 W/(m.k)	4 W/(m.k)	4 W/(m.k)
Coefficient of linear expansion	11x10 ⁻⁶ /K	11x10 ⁻⁶ /K	11x10 ⁻⁶ /K	11x10 ⁻⁶ /K

JX-SF-2 Boundary Lubricating Bushing

ID and OD chamfers

S ₁	f ₁	f ₂	β
1.0	0.6±0.3	0.3±0.2	30°±5°
1.5	0.7±0.3	0.5±0.2	30°±5°

S ₁	f ₁	f ₂	β
2.00	1.2±0.4	0.5±0.3	30°±5°
2.50	1.8±0.6	0.8±0.3	45°±5°

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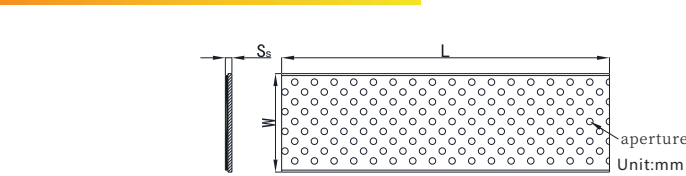
Size	Shaft h8 D _s	Housing H7 D _h	(OD) Tolerance D _o	(ID) After fixed D _{1i}	Clearance D _o	Wall thickness S ₁	Oil hole d ₁	Length L ^{0 -0.40}											
								40	50	60	80	90	95	100	110	120			
								850	850	850	850	9090							
JX-SF-5-85	85 ^{+0.035} _{-0.054}	90 ^{+0.035} _{-0.054}	90 ^{+0.120} _{-0.070}	85.265				8540	8550	8560	8580	9090							
JX-SF-2-90	90 ^{+0.035} _{-0.054}	95 ^{+0.035} _{-0.054}	95 ^{+0.120} _{-0.070}	90.265				9040	9050	9060	9080	9090							
JX-SF-2-100	100 ^{+0.035} _{-0.054}	105 ^{+0.035} _{-0.054}	105 ^{+0.120} _{-0.070}	100.265	0.321 0.100			10050	10060	10080	10090	10095							
JX-SF-2-105	110 ^{+0.035} _{-0.054}	110 ^{+0.035} _{-0.054}	110 ^{+0.120} _{-0.070}	105.100				10550	10560	10580	10590	10595	105100	105110					
JX-SF-2-110	110 ^{+0.035} _{-0.054}	115 ^{+0.035} _{-0.054}	115 ^{+0.120} _{-0.070}	110.265				11050	11060	11080	11090	11095	110100	110110					
JX-SF-2-120	120 ^{+0.040} _{-0.054}	125 ^{+0.040} _{-0.054}	125 ^{+0.120} _{-0.070}	120.270				12050	12060	12080	12090	12095	120100	120110					
JX-SF-2-125	130 ^{+0.040} _{-0.063}	130 ^{+0.040} _{-0.063}	130 ^{+0.170} _{-0.100}	125.110				12550	12560	12580	12590	12595	125100	125110					
JX-SF-2-130	130 ^{+0.040} _{-0.063}	135 ^{+0.040} _{-0.063}	135 ^{+0.170} _{-0.100}	130.270				13050	13060	13080	13090	13095	130100	130110					
JX-SF-2-140	140 ^{+0.040} _{-0.063}	145 ^{+0.040} _{-0.063}	145 ^{+0.170} _{-0.100}	140.270	0.324 0.100			14050	14060	14080	14090	14095	140100	140110					
JX-SF-2-150	150 ^{+0.040} _{-0.063}	155 ^{+0.040} _{-0.063}	155 ^{+0.170} _{-0.100}	150.110		2.450 2.385		15050	15060	15080	15090	15095	150100	150110					
JX-SF-2-160	160 ^{+0.040} _{-0.063}	165 ^{+0.040} _{-0.063}	165 ^{+0.170} _{-0.100}	160.270				16050	16060	16080	16090	16095	160100	160110					
JX-SF-2-170	170 ^{+0.040} _{-0.063}	175 ^{+0.040} _{-0.063}	175 ^{+0.170} _{-0.100}	170.270				17050	17060	17080	17090	17095	170100	170110					
JX-SF-2-180	180 ^{+0.046} _{-0.063}	185 ^{+0.046} _{-0.063}	185 ^{+0.210} _{-0.130}	180.110				18050	18060	18080	18090	18095	180100	180110					
JX-SF-2-190	190 ^{+0.046} _{-0.072}	195 ^{+0.046} _{-0.072}	195 ^{+0.210} _{-0.130}	190.276				19050	19060	19080	19090	19095	190100	190110					
JX-SF-2-200	200 ^{+0.046} _{-0.072}	205 ^{+0.046} _{-0.072}	205 ^{+0.210} _{-0.130}	200.276	0.339 0.110			20050	20060	20080	20090	20095	200100	200110					
JX-SF-2-220	220 ^{+0.046} _{-0.072}	225 ^{+0.046} _{-0.072}	225 ^{+0.210} _{-0.130}	220.110				22050	22060	22080	22090	22095	220100	220110					
JX-SF-2-240	240 ^{+0.046} _{-0.072}	245 ^{+0.046} _{-0.072}	245 ^{+0.210} _{-0.130}	240.276				24050	24060	24080	24090	24095	240100	240110					
JX-SF-2-250	250 ^{+0.046} _{-0.072}	255 ^{+0.046} _{-0.072}	255 ^{+0.260} _{-0.170}	250.282				25050	25060	25080	25090	25095	250100	250110					
JX-SF-2-260	260 ^{+0.081} _{-0.081}	265 ^{+0.081} _{-0.081}	265 ^{+0.260} _{-0.170}	260.110	0.354 0.110			26050	26060	26080	26090	26095	260100	260110					
JX-SF-2-280	280 ^{+0.081} _{-0.081}	285 ^{+0.081} _{-0.081}	285 ^{+0.260} _{-0.170}	280.282				28050	28060	28080	28090	28095	280100	280110					
JX-SF-2-300	300 ^{+0.081} _{-0.081}	305 ^{+0.081} _{-0.081}	305 ^{+0.260} _{-0.170}	300.110				30050	30060	30080	30090	30095	300100	300110					

JX-SF-1WC Thrust Washer Specification & Tolerance




Size	Shaft D _s	Washer size			Assemble size		H _s +0.12
		D _o +0.25	D _o -0.25	S ₁ -0.05	d ₁ ±0.125	d _o ^{+0.4} _{-0.1}	
JX-SF-2WC-8	8	10	20	15	1.5	1	20
JX-SF-2WC-10	10	12	24	18			24
JX-SF-2WC-12	12	14	26	20			26
JX-SF-2WC-14	14	16	30	23			30
JX-SF-2WC-16	16	18	32	25			32
JX-SF-2WC-18	18	20	36	28			36
JX-SF-2WC-20	20	22	38	30			38
JX-SF-2WC-22	22	24	42	33			42
JX-SF-2WC-24	24	26	44	35			44
JX-SF-2WC-26	26	28	48	38			48
JX-SF-2WC-30	30	32	54	43			54
JX-SF-2WC-36	36	38	62	50			62
JX-SF-2WC-40	40	42	66	54	66		
JX-SF-2WC-46	46	48	74	61	74		
JX-SF-2WC-50	50	52	78	65	78		
JX-SF-2WC-60	60	62	90	76	90		

JX-SF-2SP Strip Specification & Tolerance

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