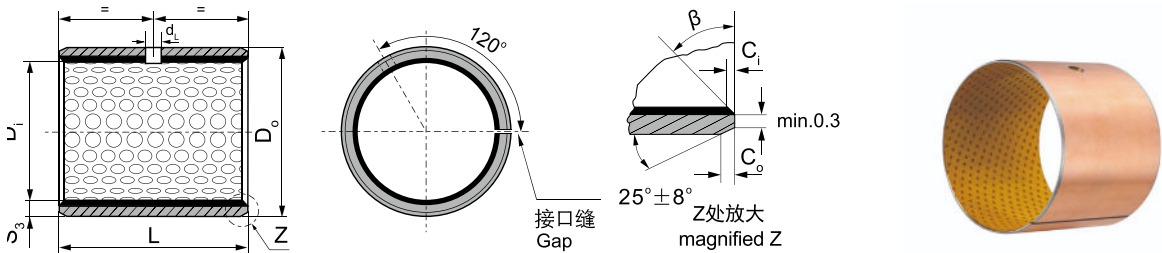


SF-2 边界润滑轴承标准公制尺寸

SF-2 Marginal-Lubrication Bearing Standard Metric Size

<https://www.bronzelube.com>



内外倒角 ID and OD chamfers

S_3	C_o	C_i	β
1.0	0.6 ± 0.3	0.30 ± 0.2	$30^\circ \pm 5^\circ$
1.5	0.7 ± 0.3	0.50 ± 0.2	$30^\circ \pm 5^\circ$

S_3	C_o	C_i	β
2.00	1.2 ± 0.4	0.50 ± 0.3	$30^\circ \pm 5^\circ$
2.50	1.8 ± 0.6	0.80 ± 0.3	$45^\circ \pm 5^\circ$

单位Unit: mm

轴径 Shaft D _s h8	座孔 Housing H7 D _H	(OD) 外径公差 Tolerance D _O	(ID)压装后 内孔公差 After assembled D _I	配合间隙 Clearance D _D	壁厚 Wall thick- ness S ₃	油孔 Oil hole d _L	长度 L ⁰ -0.40										
							10	15	20	25	30	35	40	45	50	60	
10 -0.022	12 ^{+0.018}	12 ^{+0.065} _{+0.030}	10.108 10.040	0.130 0.040	0.980 0.955	4	1010	1015	1020								
12 -0.027	14 ^{+0.018}	14 ^{+0.065} _{+0.030}	12.108 12.040	0.135 0.040			1210	1215	1220								
14 -0.027	16 ^{+0.018}	16 ^{+0.065} _{+0.030}	14.108 14.040					1415	1420								
15 -0.027	17 ^{+0.018}	17 ^{+0.065} _{+0.030}	15.108 15.040					1515	1520	1525							
16 -0.027	18 ^{+0.018}	18 ^{+0.065} _{+0.030}	16.108 16.040					1615	1620	1625							
18 -0.027	20 ^{+0.021}	20 ^{+0.075} _{+0.035}	18.111 18.040	0.138 0.040				1815	1820	1825							
20 -0.033	23 ^{+0.021}	23 ^{+0.075} _{+0.035}	20.131 20.050	0.164 0.050	1.475 1.445	6		2015	2020	2025	2030						
22 -0.033	25 ^{+0.021}	25 ^{+0.075} _{+0.035}	22.131 22.050					2215	2220	2225	2230						
25 -0.033	28 ^{+0.021}	28 ^{+0.075} _{+0.035}	25.131 25.050					2515	2520	2525	2530						
28 -0.033	32 ^{+0.025}	32 ^{+0.085} _{+0.045}	28.155 28.060	0.188 0.060	1.970 1.935	6			2820	2825	2830						
30 -0.033	34 ^{+0.025}	34 ^{+0.085} _{+0.045}	30.155 30.060						3020	3025	3030	3035	3040				
35 -0.039	39 ^{+0.025}	39 ^{+0.085} _{+0.045}	35.155 35.060	0.194 0.060					3520	3525	3530	3535	3540				
40 -0.039	44 ^{+0.025}	44 ^{+0.085} _{+0.045}	40.155 40.060						4020	4025	4030	4035	4040	4045	4050		
45 -0.039	50 ^{+0.025}	50 ^{+0.085} _{+0.045}	45.195 45.080	0.234 0.080	2.460 2.415	8			4520	4525	4530	4535	4540	4545	4550		
50 -0.039	55 ^{+0.030}	55 ^{+0.100} _{+0.055}	50.200 50.080	0.239 0.080						5030	5035	5040	5045	5050	5060		
55 -0.046	60 ^{+0.030}	60 ^{+0.100} _{+0.055}	55.200 55.080	0.246 0.080							5530	5535	5540	5545	5550	5560	
60 -0.046	65 ^{+0.030}	65 ^{+0.100} _{+0.055}	60.200 60.080								6030	6035	6040	6045	6050	6060	

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轴径 Shaft D _s h8	座孔 Housing H7 D _H	(OD) 外径公差 Tolerance D _O	(ID)压装后 内孔公差 After assembled D _I	配合间隙 Clearance D _O	壁厚 Wall thick- ness S ₃	油孔 Oil hole d _L	长度 L									
							0 -0.40									
40	50	60	80	90	95	100	110	120								
65 -0.046	70 +0.030	70 +0.100 +0.055	65.200 65.080				6540	6550	6560							
70 -0.046	75 +0.030	75 +0.100 +0.055	70.200 70.080	0.246 0.080	2.460 2.415	8	7040	7050	7060	7080						
75 -0.046	80 +0.030	80 +0.100 +0.055	75.200 75.080				7540	7550	7560	7580						
80 -0.046	85 +0.035	85 +0.120 +0.070	80.265 80.100	0.313 0.100			8040	8050	8060	8080						
85 -0.054	90 +0.035	90 +0.120 +0.070	85.265 85.100				8540	8550	8560	8580						
90 -0.054	95 +0.035	95 +0.120 +0.070	90.265 90.100				9040	9050	9060	9080	9090					
100 -0.054	105 +0.035	105 +0.120 +0.070	100.265 100.100	0.321 0.100				10050	10060	10080	10090	10095				
105 -0.054	110 +0.035	110 +0.120 +0.070	105.265 105.100					10550	10560	10580	10590	10595	105100	105110		
110 -0.054	115 +0.035	115 +0.120 +0.070	110.265 110.110			9.5		11050	11060	11080	11090	11095	110100	110110		
120 -0.054	125 +0.040	125 +0.170 +0.100	120.270 120.110					12050	12060	12080	12090	12095	120100	120110		
125 -0.063	130 +0.040	130 +0.170 +0.100	125.270 125.110					12550	12560	12580	12590	12595	125100	125110		
130 -0.063	135 +0.040	135 +0.170 +0.100	130.270 130.110					13050	13060	13080	13090	13095	130100	130110		
140 -0.063	145 +0.040	145 +0.170 +0.100	140.270 140.110	0.324 0.100				14050	14060	14080	14090	14095	140100	140110		
150 -0.063	155 +0.040	155 +0.170 +0.100	150.270 150.110		2.450 2.385			15050	15060	15080	15090	15095	150100	150110		
160 -0.063	165 +0.040	165 +0.170 +0.100	160.270 160.110					16050	16060	16080	16090	16095	160100	160110		
170 -0.063	175 +0.040	175 +0.170 +0.100	170.270 170.110					17050	17060	17080	17090	17095	170100	170110		
180 -0.063	185 +0.046	185 +0.210 +0.130	180.276 180.110			9.5		18050	18060	18080	18090	18095	180100	180110		
190 -0.072	195 +0.046	195 +0.210 +0.130	190.276 190.110					19050	19060	19080	19090	19095	190100	190110	190120	
200 -0.072	205 +0.046	205 +0.210 +0.130	200.276 200.110	0.339 0.110				20050	20060	20080	20090	20095	200100	200110	200120	
220 -0.072	225 +0.046	225 +0.210 +0.130	220.276 220.110					22050	22060	22080	22090	22095	220100	220110	220120	
240 -0.072	245 +0.046	245 +0.210 +0.130	240.276 240.110					24050	24060	24080	24090	24095	240100	240110	240120	
250 -0.072	255 +0.052	255 +0.260 +0.170	250.282 250.110					25050	25060	25080	25090	25095	250100	250110	250120	
260 -0.081	265 +0.052	265 +0.260 +0.170	260.282 260.110	0.354 0.110		9.5		26050	26060	26080	26090	26095	260100	260110	260120	
280 -0.081	285 +0.052	285 +0.260 +0.170	280.282 280.110					28050	28060	28080	28090	28095	280100	280110	280120	
300 -0.081	305 +0.052	305 +0.260 +0.170	300.282 300.110					30050	30060	30080	30090	30095	300100	300110	300120	