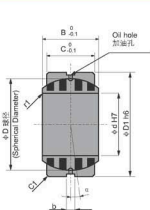


SPS / SB-SOBS Oilless Spherical Plain Bearing 自润滑关节轴承



Spherical bushing assembly
关节轴承的装配

• Bore (D) = 15 ~ 90 mm



• Bore (D) = 100 mm



Material Specifications 材料

内圈材料: 高力黄铜+固体润滑剂
Inner Ring: CuZn35Sn5Pb3-Grain(Geometry)
外圈材料: S45C 硬度: HRC25~30
Outer Ring: S45C Hardness: HRC25~30
Shaft & Housing: 轴和轴孔公差

Housing: H7 轴孔
Shaft: g6 轴

How To Order 订单方式

Code d Code d
• SPS 015 • SOBS 020

Unit(单位): mm

SinoBronze Standard No.	d	H7	D1	h6	B	C	D	b	Alignment Angle α° 调整角度	Allowable Radial Load (kN) 径向承载	Allowable Thrust Load (kN) 轴向载荷
• SPS-015	SOBS-015	15	^{+0.018} / ₀	26	⁰ / _{-0.013}	12	9	22	8	6.5	0.5
SPS-020	• SOBS-020	20	^{+0.021} / ₀	32	⁰ / _{-0.016}	16	14	28	4	12.6	1.4
SPS-025	SOBS-025	25	^{+0.021} / ₀	42	⁰ / _{-0.016}	21	18	36	5	21.8	2.5
SPS-030	SOBS-030	30	^{+0.025} / ₀	50	⁰ / _{-0.019}	27	23	44	6	32.0	3.5
SPS-035	SOBS-035	35	^{+0.025} / ₀	65	⁰ / _{-0.019}	30	26	49	5	43.7	4.8
SPS-040	SOBS-040	40	^{+0.030} / ₀	80	⁰ / _{-0.022}	33	28	55	6	54.7	5.7
SPS-045	SOBS-045	45	^{+0.030} / ₀	72	⁰ / _{-0.022}	36	31	62	4	69.7	7.2
SPS-050	SOBS-050	50	^{+0.030} / ₀	100	⁰ / _{-0.025}	42	36	70	5	92.4	10
SPS-060	SOBS-060	60	^{+0.030} / ₀	80	⁰ / _{-0.025}	53	45	90	6	143	16
SPS-070	SOBS-070	70	^{+0.030} / ₀	110	⁰ / _{-0.027}	58	50	99	5	181	20
SPS-080	SOBS-080	80	^{+0.030} / ₀	130	⁰ / _{-0.027}	70	60	115		254	30
SPS-090	SOBS-090	90	^{+0.030} / ₀	140	⁰ / _{-0.027}	76	65	125	6	313	36
SPS-100	SOBS-100	100	^{+0.030} / ₀	160	⁰ / _{-0.025}	88	75	145		544	64
SPS-110	SOBS-110	110	^{+0.040} / ₀	170	⁰ / _{-0.029}	93	80	155	5	642	73
SPS-120	SOBS-120	120	^{+0.040} / ₀	190	⁰ / _{-0.029}	105	90	170	6	797	94
SPS-120	SOBS-120	130	^{+0.040} / ₀	200	⁰ / _{-0.029}	110	95	180	5	880	105
SPS-140	SOBS-140	140	^{+0.040} / ₀	210	⁰ / _{-0.029}	90	70	180	7	668	56
SPS-150	SOBS-150	150	^{+0.040} / ₀	220	⁰ / _{-0.032}	120	105	200	5	1135	129
SPS-160	SOBS-160	160	^{+0.040} / ₀	230	⁰ / _{-0.032}	105	80	200	8	891	73
SPS-180	SOBS-180	180	^{+0.040} / ₀	260	⁰ / _{-0.032}	105	80	225	6	1002	74
SPS-200	SOBS-200	200	^{+0.046} / ₀	290	⁰ / _{-0.036}	130	100	250	7	1434	117
SPS-220	SOBS-220	220	^{+0.046} / ₀	320	⁰ / _{-0.036}	135	100	275		1577	118
SPS-240	SOBS-240	240	^{+0.052} / ₀	340	⁰ / _{-0.036}	140	100	300	8	1720	118
SPS-260	SOBS-260	260	^{+0.052} / ₀	370	⁰ / _{-0.036}	150	110	325	7	2072	143
SPS-280	SOBS-280	280	^{+0.052} / ₀	400	⁰ / _{-0.040}	155	120	350	6	2455	172
SPS-300	SOBS-300	300	^{+0.052} / ₀	430	⁰ / _{-0.040}	165	120	375	7	2630	172