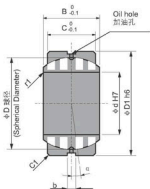


## SPS-DB Bronze with PTFE Plugs - Spherical Plain Bearings 自润滑关节轴承



Spherical bushing assembly

关节轴承的装配

• Bore (D) = 95 - 100 mm



Fixing direction  
安装方向

• Bore (D) ≥ 100 mm



6.3  
6.9 Split  
剖口



### Material Specifications 材料

内圈材料: 高力黄铜+固体润滑剂

Inner Ring: CuZn36AlMn2Ag-0.5 PTFE (Metal)

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 订货方式

Code d

• SPS-DB 015

Unit(单位): mm

SinoBronze Standard No.	d	H7	D1	h6	B	C	D	b	Alignment Angle $\alpha^\circ$ 调整角度	Allowable Radial Load (kN) 径向承载	Allowable Thrust Load (kN) 轴向载荷
• SPS-DB-015	15	$^{+0.018}_0$	26	$^0_{-0.013}$	12	9	22		8	6.5	0.5
SPS-DB-020	20		32		16	14	28		4	12.6	1.4
SPS-DB-025	25	$^{+0.021}_0$	42	$^0_{-0.016}$	21	18	36		5	21.8	2.5
SPS-DB-030	30		50		27	23	44		6	32.0	3.5
SPS-DB-035	35		55		30	26	49		5	43.7	4.8
SPS-DB-040	40	$^{+0.025}_0$	62	$^0_{-0.019}$	33	28	55		6	54.7	5.7
SPS-DB-045	45		72		36	31	62		5	69.7	7.2
SPS-DB-050	50		80		42	36	70		5	92.4	10
SPS-DB-060	60		100		53	45	90		6	143	16
SPS-DB-070	70	$^{+0.030}_0$	110	$^0_{-0.022}$	58	50	99		5	181	20
SPS-DB-080	80		130		70	60	115			254	30
SPS-DB-090	90		140		76	65	125		6	313	36
SPS-DB-100	100		160	$^0_{-0.025}$	88	75	145			544	64
SPS-DB-110	110	$^{+0.035}_0$	170		93	80	155		5	642	73
SPS-DB-120	120		190		105	90	170		6	797	94
SPS-DB-120	130		200		110	95	180		5	880	105
SPS-DB-140	140		210	$^0_{-0.029}$	90	70	180		7	668	56
SPS-DB-150	150	$^{+0.040}_0$	220		120	105	200		5	1135	129
SPS-DB-160	160		230		105	80	200		8	891	73
SPS-DB-180	180		260	$^0_{-0.032}$	105	80	225		6	1002	74
SPS-DB-200	200		290		130	100	250		7	1434	117
SPS-DB-220	220	$^{+0.046}_0$	320		135	100	275			1577	118
SPS-DB-240	240		340	$^0_{-0.036}$	140	100	300		8	1720	118
SPS-DB-260	260		370		150	110	325		7	2072	143
SPS-DB-280	280	$^{+0.052}_0$	400		155	120	350		6	2455	172
SPS-DB-300	300		430	$^0_{-0.040}$	165	120	375		7	2630	172