

行程轴承: ST

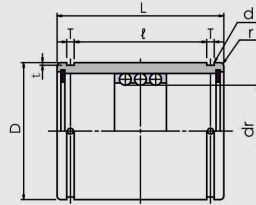
可进行旋转运动、有限直线运动及复合运动。
所有型号均可根据客户要求做镀镍处理，有防锈作用。

Ordinary type: ST

ST stroke bearing is a linear and rotational motion mechanism utilizing, the rotational motion of ball elements between an outer cylinder and a shaft.
All models can be done with nickle plated according to customers' requirements, with function of rust-proof.



ST



重负荷型: ST...B

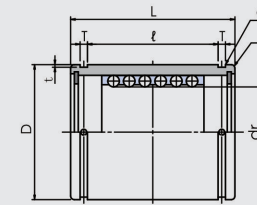
所有型号均可根据客户要求做镀镍处理，有防锈作用。

Heavy duty type: ST...B

All models can be done with nickle plated according to customers' requirements, with function of rust-proof.



ST...B



型号 Model	最大行程 Maximum stroke mm	钢球 列数 Number of rows	主要尺寸和公差 Major dimensions and tolerance											额定负荷 Basic load rating		重量 Weight (g)	
			dr		D		L		ℓ	T	t	d	r	动负荷 Dynamic C N	静负荷 Static Co N		
			mm	公差 Tolerance μm	mm	公差 Tolerance μm	mm	公差 Tolerance μm									
ST 6	20	3	6	+22 +13	12	0	20	0 -200	11.3	1.1	0.5	1	0.5	216	147	8.9	
ST 8	24	3	8		15	-11	24		17.1	1.5	0.5	1.2	0.5	343	245	15.6	
ST 10	30	3	10		19		30		22.7	1.5	0.5	1.2	0.5	637	461	28.8	
ST 12	32	3	12	+27 +16	23	0	32	0 -200	24.5	1.5	0.5	1.2	0.5	1,070	813	42	
ST 13	32	3	13		23	-13	32		24.5	1.5	0.5	1.2	0.5	1,070	813	39.8	
ST 16	40	3	16		28		37		29.1	1.5	0.7	1.3	0.5	1,180	990	71	
ST 20	50	3	20	+33 +20	32	0 -16	45	0 -300	35.8	2	0.7	1.5	0.5	1,260	1,170	99	
ST 25	50	3	25		37		-16		45	35.8	2	0.7	1.6	1	1,330	1,330	117
ST 30	82	3	30		45				65	53.5	2.5	1	2	1	2,990	3,140	205
ST 35	92	3	35	+41 +25	52	0 -19	70	0 -300	58.5	2.5	1	2	1.5	3,140	3,530	329	
ST 40	108	3	40		60		-19		80	68.3	2.5	1	2	1.5	4,120	4,800	516
ST 50	138	3	50		72				100	86.4	3	1	2.5	1.5	5,540	6,910	827
ST 60	138	3	60	+49 +30	85	0	100	0 -400	86.4	3	1	2.5	2	5,980	8,230	1,240	
ST 80	132	3	80	110	-22	100	86		3	1.5	2.5	2	7,840	12,200	2,050		
ST100	132	3	100	+58/+36	130	0/-25	100		86	3	1.5	2.5	2	8,430	14,700	2,440	

ST20 A A 镀镍 Nickle plated

1N≈0.102kgf

型号 Model	最大行程 Maximum stroke mm	钢球列数 Number of rows	主要尺寸和公差 Major dimensions and tolerance										额定负荷 Basic load rating		重量 Weight (g)	
			dr		D		L		ℓ	T	t	d	r	动负荷 Dynamic C N		静负荷 Static Co N
			mm	公差 Tolerance μm	mm	公差 Tolerance μm	mm	公差 Tolerance μm								
ST 6B	8	6	6		12	0	20	0 -200	11.3	1.1	0.5	1	0.5	358	312	8.5
ST 8B	8	6	8	+22 +13	15	-11	24		17.1	1.5	0.5	1.2	0.5	549	490	16.8
ST 10B	8	6	10		19		30		22.7	1.5	0.5	1.2	0.5	1,030	931	31.2
ST 12B	8	6	12	+27 +16	23	0 -13	32		24.5	1.5	0.5	1.2	0.5	1,720	1,630	46
ST 16B	16	6	16		28		37		29.1	1.5	0.7	1.3	0.5	1,910	1,980	75
ST 20B	20	6	20		32		45		35.8	2	0.7	1.5	0.5	2,060	2,320	106
ST 25B	20	6	25	+33 +20	37	0 -16	45		35.8	2	0.7	1.6	1	2,170	2,670	125
ST 30B	44	6	30		45		65		53.5	2.5	1	2	1	4,800	6,270	220
ST 35B	54	6	35		52		70	0 -300	58.5	2.5	1	2	1.5	5,050	7,060	346
ST 40B	66	6	40	+41 +25	60	0 -19	80		68.3	2.5	1	2	1.5	6,710	9,560	540
ST 50B	88	6	50		72		100		86.4	3	1	2.5	1.5	8,970	13,800	862
ST 60B	88	6	60	+49 +30	85	0 -22	100		86.4	3	1	2.5	2	9,700	16,500	1,290
ST 80B	76	6	80		110		100	0 -400	86	3	1.5	2.5	2	12,700	24,300	2,110
ST100B	76	6	100	+58/+36	130	0/-25	100		86	3	1.5	2.5	2	13,700	29,400	2,520

ST20 B A A 镀镍 Nickle plated
B 重负荷型 Heavy duty type

1N≈0.102kgf