

名称	主要尺寸			基本额定载荷		球组		极限转速*		预载		
	d	D	B	静载	动载	粒数	直径	油	油脂	轻	中	重
				$C_{0r}$ [N]	$C_r$ [N]							

**AC 轴承, 开式, 公制**

SV3/16 C TA	4.763 <b>.1875</b>	12.700 <b>.5000</b>	3.967 <b>.1562</b>	312	913	8	2.381 <b>.0937</b>	195,000	161,000	5	14	28
HYSV3/16 C TA	4.763 <b>.1875</b>	12.700 <b>.5000</b>	3.967 <b>.1562</b>	218	913	8	2.381 <b>.0937</b>	287,000	206,000	5	14	28
SV3/16 D TA	4.764 <b>.1876</b>	12.800 <b>.5039</b>	3.967 <b>.1562</b>	293	873	8	2.381 <b>.0937</b>	166,000	136,000	5	14	28
HYSV3/16 D TA	4.765 <b>.1876</b>	12.900 <b>.5079</b>	3.967 <b>.1562</b>	205	873	8	2.381 <b>.0937</b>	244,000	175,000	5	14	28
SV1/4A C TA	6.350 <b>.2500</b>	15.875 <b>.6250</b>	4.978 <b>.1960</b>	421	1114	9	2.500 <b>.0984</b>	153,000	126,000	6	17	34
HYSV1/4A C TA	6.350 <b>.2500</b>	15.875 <b>.6250</b>	4.978 <b>.1960</b>	295	1114	9	2.500 <b>.0984</b>	225,000	162,000	6	17	34
SV1/2/001 C TA	12.700 <b>.5,000</b>	28.575 <b>1.1250</b>	7.938 <b>.3125</b>	2063	4066	12	3.969 <b>.1563</b>	82,000	68,000	20	61	121
HYSV1/2/001 C TA	12.700 <b>.5,000</b>	28.575 <b>1.1250</b>	7.938 <b>.3125</b>	1444	4066	12	3.969 <b>.1563</b>	121,000	87,000	20	61	121

**AC 轴承, 可拆卸, 公制和英制**

SV784 D L2T	<b>4.00</b> .1575	<b>9.00</b> .3543	<b>2.50</b> .0984	132	457	7	<b>1.588</b> .0625	242,000	199,000	5	8	15
HYSV784 D L2T	<b>4.00</b> .1575	<b>9.00</b> .3543	<b>2.50</b> .0984	94	457	7	<b>1.588</b> .0625	355,000	256,000	5	8	15
SV725 C L2T	<b>5.00</b> .1969	<b>16.00</b> .6299	<b>5.00</b> .1969	737	1626	9	<b>2.500</b> .0984	157,000	130,000	8	24	49
HYSV725 C L2T	<b>5.00</b> .1969	<b>16.00</b> .6299	<b>5.00</b> .1969	515	1626	9	<b>2.500</b> .0984	231,000	167,000	8	24	49
SV725 D L2T	<b>5.00</b> .1969	<b>16.00</b> .6299	<b>5.00</b> .1969	737	1626	9	<b>2.500</b> .0984	134,000	110,000	8	24	49
HYSV725 D L2T	<b>5.00</b> .1969	<b>16.00</b> .6299	<b>5.00</b> .1969	515	1626	9	<b>2.500</b> .0984	197,000	142,000	8	24	49
SV707 C L2T	<b>7.00</b> .2756	<b>19.00</b> .7480	<b>6.00</b> .2362	1183	2617	10	<b>3.175</b> .1250	127,000	105,000	13	40	80
HYSV707 C L2T	<b>7.00</b> .2756	<b>19.00</b> .7480	<b>6.00</b> .2362	828	2617	10	<b>3.175</b> .1250	187,000	135,000	13	40	80
SV7000 C L2T	<b>10.00</b> .3937	<b>26.00</b> 1.0236	<b>8.00</b> .3150	2550	4906	10	<b>4.763</b> .1875	94,000	78,000	28	85	170
HYSV7000 C L2T	<b>10.00</b> .3937	<b>26.00</b> 1.0236	<b>8.00</b> .3150	1785	4906	10	<b>4.763</b> .1875	139,000	10,000	28	85	170
SV1/8A D20 L2T	3.175 <b>.1250</b>	7.938 <b>.3125</b>	2.779 <b>.1094</b>	207	609	7	1.588 <b>.0625</b>	266,000	219,000	5	8	16
HYSV1/8A D20 L2T	3.175 <b>.1250</b>	7.938 <b>.3125</b>	2.779 <b>.1094</b>	144	609	7	1.588 <b>.0625</b>	392,000	282,000	5	8	16
SV1/8B D20 L2T	3.175 <b>.1250</b>	9.525 <b>.3750</b>	3.967 <b>.1562</b>	134	461	8	1.588 <b>.0625</b>	228,000	188,000	5	10	20
HYSV1/8B D20 L2T	3.175 <b>.1250</b>	9.525 <b>.3750</b>	3.967 <b>.1562</b>	95	461	8	1.588 <b>.0625</b>	336,000	242,000	5	10	20

\*所列极限转速值基于采用弹簧加低负载的单个轴承, 此值取决于具体应用。偏高或偏低极限转速值亦可能适用工况, 建议具体和我司技术人员联系。

\*\*使用油润滑轴承亦可不带防尘盖或密封圈。

# 主轴轴承

名称	主要尺寸 [mm] [inch]			基本额定载荷		球组		极限转速*		预载		
	d	D	B	静载 C <sub>0r</sub> [N]	动载 C <sub>r</sub> [N]	粒数 Z	直径 D <sub>w</sub> [mm] [inch]	油 [min <sup>-1</sup> ]	油脂 [min <sup>-1</sup> ]	轻	中	重
										[N]	[N]	[N]
AC 轴承, 密封, 公制												
SV725A-2VZ C TA	5.00 .1969	16.00 .6299	5.00 .1969	647	1305	12	1.984 .0781	194,000**	155,000	7	20	40
HYSV725A-2VZ C TA	5.00 .1969	16.00 .6299	5.00 .1969	453	1305	12	1.984 .0781	290,000**	194,000	7	20	40
SV725A-2VZ E TA	5.00 .1969	16.00 .6299	5.00 .1969	607	1248	12	1.984 .0781	165,000**	132,000	7	20	40
SV788B-2VZ C TA	8.00 .3150	16.00 .6299	4.00 .1575	723	1374	13	1.984 .0781	174,000**	139,000	7	21	42
HYSV788B-2VZ C TA	8.00 .3150	16.00 .6299	4.00 .1575	506	1374	13	1.984 .0781	261,000**	174,000	7	21	42
SV708B-2VZ C TA	8.00 .3150	22.00 .8661	7.00 .2756	1298	2625	10	3.175 .1250	144,000**	115,000	13	40	80
HYSV708B-2VZ C TA	8.00 .3150	22.00 .8661	7.00 .2756	909	2625	10	3.175 .1250	216,000**	144,000	13	40	80
SV708B-2VZ E TA	8.00 .3150	22.00 .8661	7.00 .2756	1218	2510	10	3.175 .1250	122,000**	98,000	13	40	80
HYSV708B-2VZ E TA	8.00 .3150	22.00 .8661	7.00 .2756	853	2510	10	3.175 .1250	183,000**	122,000	13	40	80
SV709A-2VZ C TA	9.00 .3543	24.00 .9449	7.00 .2756	1493	2822	11	3.175 .1250	128,000**	102,000	14	43	86
HYSV709A-2VZ C TA	9.00 .3543	24.00 .9449	7.00 .2756	1045	2822	11	3.175 .1250	191,000**	128,000	14	43	86
SV7800A-2VZ C TA	10.00 .3937	19.00 .7480	5.00 .1969	876	1487	15	1.984 .0781	143,000**	114,000	8	23	46
HYSV7800A-2VZ C TA	10.00 .3937	19.00 .7480	5.00 .1969	613	1487	15	1.984 .0781	215,000**	143,000	8	23	46
SV7900B-2VZ C TA	10.00 .3937	22.00 .8661	6.00 .2362	1173	2047	13	2.500 .0984	128,000**	102,000	11	33	66
HYSV7900B-2VZ C TA	10.00 .3937	22.00 .8661	6.00 .2362	821	2047	13	2.500 .0984	192,000**	128,000	11	33	66
SV7000A-2VZ C TA	10.00 .3937	26.00 1.0236	8.00 .3150	2030	3879	10	3.969 .1563	115,000**	92,000	20	60	120
SV7000A-2VZ E TA	10.00 .3937	26.00 1.0236	8.00 .3150	1905	3710	10	3.969 .1563	98,000**	78,000	20	60	120
HYSV7000A-2VZ E TA	10.00 .3937	26.00 1.0236	8.00 .3150	1334	3710	10	3.969 .1563	147,000**	98,000	20	60	120
SV7901A-2VZ C TA	12.00 .4724	24.00 .9449	6.00 .2362	1478	2329	16	2.500 .0984	115,000**	92,000	12	35	71
HYSV7901A-2VZ C TA	12.00 .4724	24.00 .9449	6.00 .2362	1035	2329	16	2.500 .0984	173,000**	115,000	12	35	71
SV7901A-2VZ E TA	12.00 .4724	24.00 .9449	6.00 .2362	1387	2227	16	2.500 .0984	98,000**	79,000	12	35	71
HYSV7901A-2VZ E TA	12.00 .4724	24.00 .9449	6.00 .2362	971	2227	16	2.500 .0984	147,000**	98,000	12	35	71
SV7001B-2VZ C TA	12.00 .4724	28.00 1.1024	8.00 .3150	2328	3603	16	3.175 .1250	101,000**	80,000	18	55	111
HYSV7001B-2VZ C TA	12.00 .4724	28.00 1.1024	8.00 .3150	1141	3603	16	3.175 .1250	151,000**	101,000	18	55	111
SV7001B-2VZ E TA	12.00 .4724	28.00 1.1024	8.00 .3150	2184	3446	16	3.175 .1250	85,000**	68,000	18	55	111

名称	主要尺寸 [mm] [inch]			基本额定载荷		球组		极限转速*		预载		
	d	D	B	静载 C <sub>0r</sub> [N]	动载 C <sub>r</sub> [N]	粒数 Z	直径 D <sub>w</sub> [mm] [inch]	油 [min <sup>-1</sup> ]	油脂 [min <sup>-1</sup> ]	轻	中	重
										[N]	[N]	[N]
AC 轴承, 密封, 公制												
HYSV7001B-2VZ E TA	12.00 .4724	28.00 1.1024	8.00 .3150	1070	3446	16	3.175 .1250	128,000**	85,000	18	55	111
SV7201B-2VZ E TA	12.00 .4724	32.00 1.2598	10.00 .3937	3034	5373	11	4.763 .1875	80,000**	64,000	29	86	173
HYSV7201B-2VZ E TA	12.00 .4724	32.00 1.2598	10.00 .3937	1487	5373	11	4.763 .1875	120,000**	80,000	29	86	173
SV7902A-2VZ C TA	15.00 .5906	28.00 1.1024	7.00 .2756	2359	3586	16	3.175 .1250	95,000**	76,000	18	55	110
HYSV7902A-2VZ C TA	15.00 .5906	28.00 1.1024	7.00 .2756	1651	3586	16	3.175 .1250	143,000**	95,000	18	55	110
SV7902A-2VZ E TA	15.00 .5906	28.00 1.1024	7.00 .2756	2213	3430	16	3.175 .1250	81,000**	65,000	18	55	110
HYSV7902A-2VZ E TA	15.00 .5906	28.00 1.1024	7.00 .2756	1549	3430	16	3.175 .1250	121,000**	81,000	18	55	110
SV7002A-2VZ C TA	15.00 .5906	32.00 1.2598	9.00 .3543	3337	5125	15	3.969 .1563	87,000**	70,000	26	79	158
HYSV7002A-2VZ C TA	15.00 .5906	32.00 1.2598	9.00 .3543	2336	5125	15	3.969 .1563	131,000**	87,000	26	79	158
SV7002A-2VZ E TA	15.00 .5906	32.00 1.2598	9.00 .3543	3131	4902	15	3.969 .1563	74,000**	59,000	26	79	158
HYSV7002A-2VZ E TA	15.00 .5906	32.00 1.2598	9.00 .3543	2192	4902	15	3.969 .1563	111,000**	74,000	26	79	158
SV7903A-2VZ C TA	17.00 .6693	30.00 1.1811	7.00 .2756	2402	3554	16	3.175 .1250	88,000**	70,000	18	55	110
HYSV7903A-2VZ C TA	17.00 .6693	30.00 1.1811	7.00 .2756	1682	3554	16	3.175 .1250	132,000**	88,000	18	55	110
SV7903A-2VZ E TA	17.00 .6693	30.00 1.1811	7.00 .2756	2254	3399	16	3.175 .1250	75,000**	60,000	18	55	110
HYSV7903A-2VZ E TA	17.00 .6693	30.00 1.1811	7.00 .2756	1578	3399	16	3.175 .1250	112,000**	75,000	18	55	110
SV7003-2VZ C TA	17.00 .6693	35.00 1.3780	10.00 .3937	4415	6654	14	4.763 .1875	65,000**	54,000	34	102	205
HYSV7003-2VZ C TA	17.00 .6693	35.00 1.3780	10.00 .3937	3091	6654	14	4.763 .1875	96,000**	69,000	34	102	205
SV7003-2VZ E TA	17.00 .6693	35.00 1.3780	10.00 .3937	4143	6363	14	4.763 .1875	56,000**	46,000	34	102	205
HYSV7003-2VZ E TA	17.00 .6693	35.00 1.3780	10.00 .3937	2900	6363	14	4.763 .1875	82,000**	59,000	34	102	205
SV7904A-2VZ C TA	20.00 .7874	37.00 1.4567	9.00 .3543	3868	5394	16	3.969 .1563	70,000	56,000	27	81	162
HYSV7904A-2VZ C TA	20.00 .7874	37.00 1.4567	9.00 .3543	2708	5394	16	3.969 .1563	105,000	70,000	27	81	162
SV7005A-2VZ C TA	25.00 .9843	47.00 1.8504	12.00 .4724	7909	10661	17	5.556 .2187	56,000	44,000	53	160	320
HYSV7005A-2VZ C TA	25.00 .9843	47.00 1.8504	12.00 .4724	5536	10661	17	5.556 .2187	83,000	56,000	53	160	320

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以上我司保留更改权。有其它型号需求请联系!