

滚针轴承

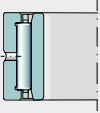
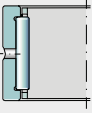
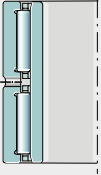
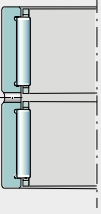
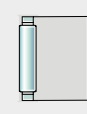
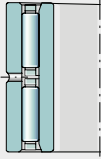
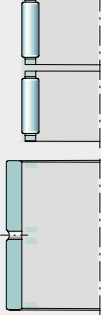
1. 特性

这类轴承径向截面小，轴承刚性好，具有较高的径向承载能力，特别适用于径向安装部位空间受限制的场合。

该类轴承只能承受径向载荷，不能承受轴向载荷。

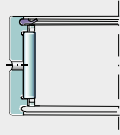
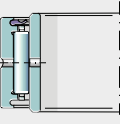
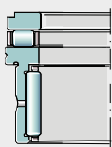
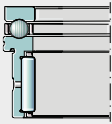
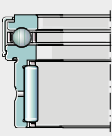
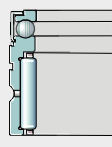
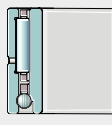
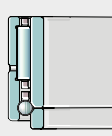
内、外圈为可分离型，可以单独提供内圈、外圈或滚子及保持架组件，见表1，表中所有的成品和零件都可以单独提供。

表1

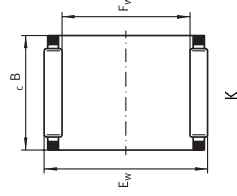
单列 滚针 轴承			
双列 滚针 轴承			
单列 滚针 轴承 外圈 无挡边			
双列 滚针 轴承 外圈 无挡边			

2. 其他类型

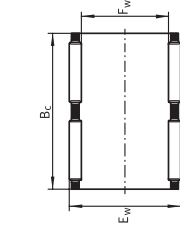
可以根据可以同带密封的滚针轴承以及组合结构的滚子轴承，见表2。

带密封 滚针 轴承			
组合 轴承			
组合 轴承			

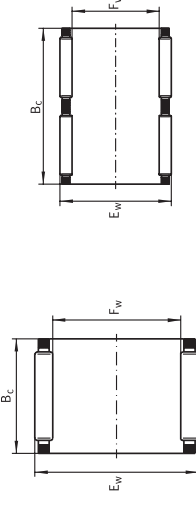
■ 滚针和保持架组件



K..ZW



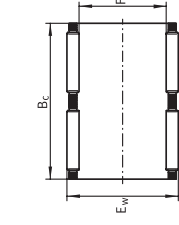
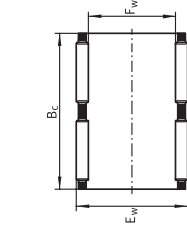
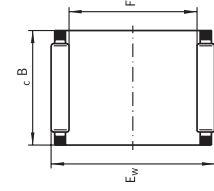
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外形尺寸 (mm)				基本 额定动 载荷 Cr (N)	基本 额定静 载荷 Cor (N)	极限转速 min ⁻¹	重量 (kg)	轴承型号
Fw	Ew	Bc						
3	5	7	1540	1290	5000	50000	0.0003	K3X 5X 7-TN
3	5	9	1710	1280	5000	50000	0.0004	K3X 5X 9-TN
3	6	7	1430	970	47000	47000	0.0004	K3X 6X 7-TN
4	7	7	1740	1270	42500	42500	0.0005	K4X 7X 7-TN
4	7	10	2330	1840	24500	24500	0.0007	K4X 7X 10-TN
5	8	8	2350	1920	39000	39000	0.0007	K5X 8X 8-TN
5	8	10	3000	2650	39000	39000	0.0009	K5X 8X 10-TN
6	9	8	2600	2280	36500	36500	0.0008	K6X 9X 8-TN
6	9	10	3350	3150	36500	36500	0.0011	K6X 9X 10-TN
6	10	13	3800	3100	35500	35500	0.0019	K6X 10X 13-TN
7	9	7	1730	1770	35500	35500	0.0006	K7X 9X 7-TN
7	10	8	2850	2650	34500	34500	0.0009	K7X 10X 8-TN
7	10	10	3650	3600	34500	34500	0.001	K7X 10X 10-TN
8	11	8	3100	3000	32500	32500	0.001	K8X 11X 8-TN
8	11	10	3950	4100	32500	32500	0.0012	K8X 11X 10-TN
8	11	13	5100	5800	32500	32500	0.0017	K8X 11X 13-TN
8	12	10	5000	4700	31500	31500	0.002	K8X 12X 10-TN
9	12	10	4500	5000	31000	31000	0.0015	K9X 12X 10-TN
9	12	13	5900	7100	31000	31000	0.0021	K9X 12X 13-TN
10	13	10	4750	5500	29500	29500	0.0016	K10X 13X 10-TN
10	13	13	6200	7800	29500	29500	0.0023	K10X 13X 13-TN
10	13	16	7100	9300	29500	29500	0.0029	K10X 13X 16-TN
10	14	10	5800	6000	29000	29000	0.0025	K10X 14X 10-TN
10	14	13	7500	8400	29000	29000	0.0026	K10X 14X 13-TN
10	16	12	8100	7200	27500	27500	0.0055	K10X 16X 12-TN
12	15	10	4900	6100	27000	27000	0.0029	K12X 15X 10-TN
12	15	13	6400	8500	27000	27000	0.0023	K12X 15X 13-TN
12	16	13	8000	9400	26500	26500	0.0055	K12X 16X 13-TN
12	17	13	9600	10400	26500	26500	0.0049	K12X 17X 13-TN
12	18	12	10000	9900	26000	26000	0.006	K12X 18X 12-TN
15	18	17	8000	9200	24300	24300	0.0046	K15X 18X 17-TN
15	19	10	7500	9200	24300	24300	0.005	K15X 19X 10
15	19	13	8500	10900	24300	24300	0.007	K15X 19X 13
15	19	17	11300	15600	24300	24300	0.0095	K15X 19X 17
15	20	13	9900	11500	23900	23900	0.007	K15X 20X 13
15	21	15	14300	16400	23600	23600	0.011	K15X 21X 15
15	21	21	19400	24300	23600	23600	0.017	K15X 21X 21
16	20	10	7800	9900	23600	23600	0.0055	K16X 20X 10
16	20	13	8900	11800	23600	23600	0.0075	K16X 20X 13
16	20	17	11700	18800	23600	23600	0.01	K16X 20X 17
16	22	12	11500	12500	22900	22900	0.01	K16X 22X 12
16	22	16	14800	17500	22900	22900	0.012	K16X 22X 16
16	22	20	18300	22800	22900	22900	0.017	K16X 22X 20
16	24	20	21400	23500	22400	22400	0.022	K16X 24X 20
17	21	10	8100	10600	22900	22900	0.0055	K17X 21X 10
17	21	13	10400	14600	22900	22900	0.0065	K17X 21X 13
17	21	17	12200	17900	22900	22900	0.0095	K17X 21X 17
18	22	10	8400	11200	22400	22400	0.006	K18X 22X 10
18	22	13	9200	12700	22400	22400	0.008	K18X 22X 13
18	22	17	12100	18000	22400	22400	0.011	K18X 22X 17
18	24	12	12800	14900	21800	21800	0.012	K18X 24X 12
18	24	13	13100	15300	21800	21800	0.013	K18X 24X 13
18	24	20	20200	27000	21800	21800	0.018	K18X 24X 20
18	25	22	23100	29000	21600	21600	0.023	K18X 25X 22
19	23	13	9500	13500	21800	21800	0.008	K29X 23X 13
19	23	17	12500	19200	21800	21800	0.011	K19X 23X 17

■ 滚针和保持架组件



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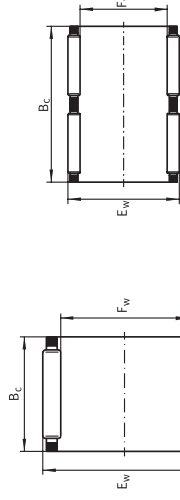
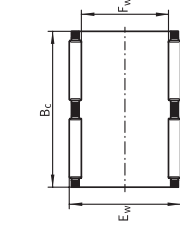
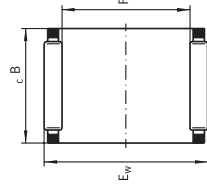
外形尺寸 (mm)				基本 额定动 载荷 Cr (N)	基本 额定静 载荷 Cor (N)	极限转速 min ⁻¹	重量 (kg)	轴承型号	外形尺寸 (mm)	基本 额定动 载荷 Cr (N)	基本 额定静 载荷 Cor (N)	极限转速 min ⁻¹	重量 (kg)	轴承型号
Fw	EW	Bc	Fw						Fw	EW	Bc			
20	24	10	8900	12600	21300	0.0065	K20X 24X 10	25	33	20	28500	16900	0.033	K25X 33X 20
20	24	13	9800	14300	21300	0.009	K20X 24X 13	25	33	24	34000	16900	0.039	K25X 33X 24
20	24	17	12900	20400	21300	0.012	K20X 24X 17	25	35	30	47000	16300	0.065	K25X 35X 30
20	26	12	13400	16200	20900	0.011	K20X 26X 12	26	30	13	11600	19200	0.011	K26X 30X 13
20	26	13	14400	17900	20900	0.012	K20X 26X 13	26	30	17	15200	17500	0.015	K26X 30X 17
20	26	17	19200	26000	20900	0.016	K20X 26X 17	26	30	22	15700	17500	0.012	K26X 30X 22-ZW
20	26	20	21100	29000	20900	0.019	K20X 26X 20	28	33	13	15300	16100	0.013	K28X 33X 13
20	28	16	19800	22400	20400	0.020	K20X 28X 16	28	33	17	19700	16100	0.017	K28X 33X 17
20	28	20	23900	28500	20400	0.027	K20X 28X 20	28	34	17	21800	15800	0.024	K28X 34X 17
20	28	25	30500	39000	20400	0.032	K20X 28X 25	28	35	16	21500	15600	0.024	K28X 35X 16
20	30	30	35500	41500	19600	0.049	K20X 30X 30	28	35	18	24000	15600	0.027	K28X 35X 18
21	25	13	10100	15100	20900	0.009	K21X 25X 13	28	40	25	45500	14400	0.070	K28X 40X 25
22	26	10	9100	13400	20400	0.0075	K22X 26X 10	30	34	13	12300	15300	0.014	K30X 34X 13
22	26	13	10400	15900	20400	0.0095	K22X 26X 13	30	35	13	15600	15100	0.014	K30X 35X 13
22	26	17	13700	22700	20400	0.012	K22X 26X 17	30	35	17	19600	15100	0.019	K30X 35X 17
22	28	17	19400	27000	19600	0.018	K22X 28X 17	30	35	27	30500	15100	0.030	K30X 35X 27
22	29	16	20000	25500	19200	0.016	K22X 29X 16	30	37	16	23100	14600	0.027	K30X 37X 16
22	30	15	20100	23400	18800	0.018	K22X 30X 15-TN	30	37	18	26000	14600	0.030	K30X 37X 18
22	32	24	34000	40000	18100	0.043	K22X 32X 24	30	40	18	32000	14000	0.048	K30X 40X 18
23	35	16	24500	23900	16900	0.029	K23X 35X 16-TN	30	40	30	49000	14000	0.073	K30X 40X 30
24	28	10	9600	14800	18800	0.0085	K24X 28X 10	32	37	13	15500	14200	0.018	K32X 37X 13
24	28	13	11000	17600	18800	0.010	K24X 28X 13	32	37	17	19900	14200	0.019	K32X 37X 17
24	28	17	14500	25000	18800	0.013	K24X 28X 17	32	37	27	30000	14200	0.030	K32X 37X 27
24	30	17	19500	27500	18100	0.019	K24X 30X 17	32	38	20	26500	14000	0.030	K32X 38X 20
24	30	31	27500	43500	18100	0.032	K24X 30X 31-ZW	32	39	16	23800	13800	0.037	K32X 39X 16
25	29	10	9900	15400	18100	0.0085	K25X 29X 10	32	39	18	26500	13800	0.031	K32X 39X 18
25	29	13	11300	18400	18100	0.011	K25X 29X 13	32	40	25	37500	13600	0.049	K32X 40X 25
25	29	17	14900	26000	18100	0.014	K25X 29X 17	32	40	42	50000	13600	0.077	K32X 40X 42-ZW-TN
25	30	17	18700	30000	17800	0.016	K25X 30X 17	32	46	32	66000	12600	0.179	K32X 46X 32
25	30	20	21700	36500	17800	0.018	K25X 30X 20	35	40	13	16200	13100	0.019	K35X 40X 13
25	30	26	21400	35500	17800	0.019	K25X 30X 26-ZW	35	40	17	20800	13100	0.021	K35X 40X 17
25	31	17	19600	28500	17500	0.019	K25X 31X 17	35	40	25	29500	13100	0.031	K35X 40X 25
25	31	21	24700	38000	17500	0.020	K25X 31X 21	35	40	27	25000	13100	0.039	K35X 40X 27-TN
25	32	16	20800	27500	17200	0.021	K25X 32X 16	35	42	16	24400	12700	0.034	K35X 42X 16

■ 滚针和保持架组件



外形尺寸 (mm)			基本额定动载荷 Cr (N)	基本额定静载荷 Cor (N)	极限转速 min ⁻¹	重量 (kg)	轴承型号	外形尺寸 (mm)			基本额定动载荷 Cr (N)	基本额定静载荷 Cor (N)	极限转速 min ⁻¹	重量 (kg)	轴承型号
Fw	Ew	Bc						Fw	Ew	Bc					
35	42	18	27500	43000	12700	0.034	K35X 42X 18	50	55	13.5	18200	36500	9300	0.030	K50X 55X 13.5
35	42	20	30000	49000	12700	0.037	K35X 42X 20	50	55	17	22100	47000	9300	0.035	K50X 55X 17
35	42	30	39000	68000	12700	0.067	K35X 42X 30	50	55	20	26500	60000	9300	0.043	K50X 55X 20
35	45	20	37000	50000	12300	0.056	K35X 45X 20	50	55	30	39000	97000	9300	0.065	K50X 55X 30
35	45	30	53000	79000	12300	0.080	K35X 45X 30	50	57	18	33500	63000	9200	0.047	K50X 57X 18
37	42	17	22400	43000	12400	0.022	K37X 42X 17	50	58	20	35500	62000	9100	0.075	K50X 58X 20
38	43	17	20500	38500	12100	0.029	K38X 43X 17	52	57	12	18000	36500	9000	0.024	K52X 57X 12
38	43	27	31500	68000	12100	0.043	K38X 43X 27	55	60	20	28500	66000	8500	0.040	K55X 60X 20
38	46	20	35500	57000	11700	0.047	K38X 46X 20	55	60	27	38000	97000	8500	0.060	K55X 60X 27
38	46	32	55000	99000	11700	0.076	K38X 46X 32	55	60	30	41000	108000	8500	0.071	K55X 60X 30
39	44	26	27500	56000	11800	0.045	K39X 44X 26-ZW	55	62	18	35500	70000	8400	0.052	K55X 62X 18
40	45	13	17600	32500	11500	0.022	K40X 45X 13	55	63	20	40000	74000	8300	0.067	K55X 63X 20
40	45	17	21400	41500	11500	0.031	K40X 45X 17	55	63	25	50000	100000	8300	0.080	K55X 62X 25
40	45	27	33000	73000	11500	0.046	K40X 45X 27	55	63	32	62000	130000	8300	0.102	K55X 63X 32
40	47	18	29500	50000	11300	0.039	K40X 47X 18	58	65	18	35000	70000	8000	0.052	K58X 65X 18
40	47	20	32500	57000	11300	0.042	K40X 47X 20	58	65	36	49000	107000	8000	0.127	K58X 65X 36-ZW
40	48	20	36000	59000	11100	0.049	K40X 48X 20	60	65	20	29500	72000	7800	0.052	K60X 65X 20
42	47	13	17800	33500	11000	0.018	K42X 47X 13	60	65	30	42500	116000	7800	0.077	K60X 65X 30
42	47	17	21700	43000	11000	0.032	K42X 47X 17	60	66	33	46000	112000	7800	0.104	K60X 66X 33-ZW
42	47	30	33500	76000	11000	0.054	K42X 47X 30-ZW	60	66	40	58000	151000	7800	0.116	K60X 66X 40-ZW
42	50	20	35000	57000	10700	0.053	K42X 50X 20	60	68	20	43500	85000	7700	0.071	K60X 68X 20
43	48	17	21600	43000	10800	0.030	K43X 48X 17	60	68	23	49500	101000	7700	0.094	K60X 68X 23
43	48	27	33500	75000	10800	0.050	K43X 48X 27	60	68	25	53000	111000	7700	0.089	K60X 68X 25
43	50	17	22500	46000	10300	0.034	K45X 50X 17	60	68	30	44500	88000	7700	0.129	K60X 68X 30-ZW
45	50	27	34500	80000	10300	0.051	K45X 50X 27	60	75	42	118000	199000	7300	0.240	K60X 75X 42
45	52	18	31500	57000	10100	0.042	K45X 52X 18	62	70	40	66000	146000	7400	0.174	K62X 70X 40-ZW
45	53	20	39000	67000	10000	0.055	K45X 53X 20	64	70	16	28000	60000	7300	0.053	K64X 70X 16
45	53	21	38500	67000	10000	0.060	K45X 53X 21	65	70	20	30500	77000	7300	0.056	K65X 70X 20
45	53	28	52000	98000	10000	0.081	K45X 53X 28	65	70	30	44000	124000	7300	0.083	K65X 70X 30
45	59	18	44500	54000	9400	0.072	K45X 59X 18-TN	65	73	23	46000	94000	7100	0.108	K65X 73X 23
45	59	32	73000	103000	9400	0.148	K45X 59X 32	65	73	30	57000	123000	7100	0.141	K65X 73X 30
47	52	17	23300	49000	9900	0.035	K47X 52X 17	68	74	20	35500	84000	6900	0.071	K68X 74X 20
47	52	27	35000	83000	9900	0.051	K47X 52X 27								

■ 滚针和保持架组件



K

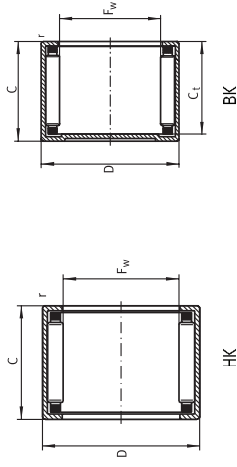
K..ZW

K..ZW

外形尺寸 (mm)				基本 额定动 载荷 Cr (N)	基本 额定静 载荷 Cor (N)	极限转速 min ⁻¹	重量 (kg)	轴承型号
F _w	E _w	B _c						
68	74	30	46500	118000	6900	0.100	K68X 74X 30	
68	74	35	48500	125000	6900	0.120	K68X 74X 35-ZW	
70	76	20	36000	86000	6700	0.071	K70X 76X 20	
70	76	30	52000	139000	6700	0.110	K70X 76X 30	
70	78	30	60000	135000	6600	0.148	K70X 78X 30	
72	80	20	41500	85000	6400	0.098	K72X 80X 20	
73	79	20	37000	90000	6400	0.075	K73X 79X 20	
75	81	20	37500	94000	6300	0.079	K75X 81X 20	
75	81	30	52000	143000	6300	0.114	K75X 81X 30	
75	83	23	50000	109000	6200	0.124	K75X 83X 23	
75	83	30	62000	143000	6200	0.147	K75X 83X 30	
75	83	35	63000	147000	6200	0.182	K75X 83X 35-ZW	
75	83	40	73000	177000	6200	0.211	K75X 83X 40-ZW	
80	86	20	38500	98000	5900	0.060	K80X 86X 20	
80	88	30	71000	176000	5800	0.138	K80X 88X 30	
80	88	40	76000	192000	5800	0.227	K80X 88X 40-ZW	
80	88	46	88000	231000	5800	0.260	K80X 88X 46-ZW	
85	92	20	44500	108000	5500	0.102	K85X 92X 20	
90	97	20	45000	113000	5200	0.109	K90X 97X 20	
90	98	27	61000	150000	5200	0.150	K90X 98X 27	
90	98	30	68000	172000	5200	0.172	K90X 98X 30	
95	103	30	69000	180000	4950	0.165	K95X 103X 30	
95	103	40	83000	228000	4950	0.226	K95X 103X 40-ZW	
100	107	21	48000	127000	4750	0.120	K100X 107X 21	
100	108	27	57000	143000	4700	0.185	K100X 108X 27	
100	108	30	71000	188000	4700	0.180	K100X 108X 30	
105	112	21	47500	127000	4500	0.129	K105X 112X 21	
110	117	24	56000	158000	4300	0.172	K110X 117X 24	
110	118	30	78000	219000	4300	0.217	K110X 118X 30	
115	123	27	63000	170000	4100	0.200	K115X 123X 27	
120	127	24	59000	174000	3950	0.165	K120X 127X 24	
125	133	35	86000	260000	3800	0.275	K125X 133X 35	
130	137	24	61000	186000	3650	0.170	K130X 137X 24	

■ 开式冲压外圈滚针轴承

闭式冲压外圈滚针轴承

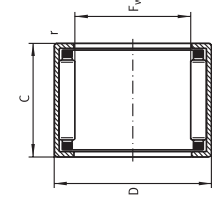


外形尺寸 (mm)				基本 额定动 载荷 Cr (N)	基本 额定静 载荷 Cor (N)	极限转速 min ⁻¹	开式冲压外圈 轴承型号	重量 (kg)	闭式冲压外圈 轴承型号	重量 (kg)
F _w	D	C	C _t (min.)	r (min.)						
2	4.6	5	-	0.3	465	265	HK0205-TN	0.0003	-	-
3	6.5	6	5.2	0.3	1230	840	HK0306-TN	0.001	BK0306-TN	0.001
4	8	8	6.4	0.3	1780	1310	HK0408	0.002	BK0408	0.0021
5	9	9	7.4	0.4	2400	1990	HK0509	0.002	BK0509	0.0021
6	10	6	-	0.4	1610	1220	HK0606	0.0015	-	-
6	10	8	-	0.4	2030	1650	HK0608	0.0021	-	-
6	10	9	7.4	0.4	2850	2600	HK0609	0.0025	BK0609	0.0026
7	11	9	7.4	0.4	3100	2950	HK0709	0.0026	BK0709	0.0029
8	12	8	6.4	0.4	2750	2600	HK0808	0.0027	BK0808	0.003
8	12	10	8.4	0.4	3800	39500	HK0810	0.003	BK0810	0.0034
9	13	8	-	0.4	3550	37500	HK0908	0.003	-	-
9	13	10	8.4	0.4	4250	46500	HK0910	0.004	BK0910	0.0043
9	13	12	10.4	0.4	5300	6300	HK0912	0.0046	BK0912	0.0049
10	14	10	8.4	0.4	4400	5100	HK1010	0.0041	BK1010	0.0043
10	14	12	10.4	0.4	5500	6800	HK1012	0.0048	BK1012	0.005
10	14	15	13.4	0.4	6800	8800	HK1015	0.006	BK1015	0.0062
12	16	10	8.4	0.4	4950	6200	HK1210	0.0046	BK1210	0.0052
12	18	12	9.3	0.8	6500	7300	HK1212	0.009	BK1212	0.010
13	19	12	9.3	0.8	6800	7900	HK1312	0.010	BK1312	0.011
14	20	12	9.3	0.8	7100	8500	HK1412	0.0105	BK1412	0.012
15	21	12	9.3	0.8	7900	9400	HK1512	0.011	BK1512	0.013
15	21	16	13.3	0.8	10500	14400	HK1516	0.015	BK1516	0.017
15	21	22	-	0.8	13400	19500	HK1522-ZW	0.020	-	-
16	22	12	9.3	0.8	7600	9700	HK1612	0.012	BK1612	0.014
16	22	16	13.3	0.8	10900	15300	HK1616	0.016	BK1616	0.018
16	22	22	19.3	0.8	13100	19400	HK1622-ZW	0.022	BK1622-ZW	0.024
17	23	12	-	0.8	7900	10300	HK1712	0.012	-	-
18	24	12	9.3	0.8	8100	10900	HK1812	0.013	BK1812	0.015
18	24	16	13.3	0.8	11600	17300	HK1816	0.018	BK1816	0.020
20	26	10	-	0.8	6400	8200	HK2010	0.012	-	-
20	26	12	-	0.8	8600	12100	HK2012	0.014	-	-
20	26	16	13.3	0.8	12700	20100	HK2016	0.019	BK2016	0.022
20	26	20	17.3	0.8	15700	26000	HK2020	0.024	BK2020	0.027
20	26	30	-	0.8	21800	40000	HK2030-ZW	0.035	-	-

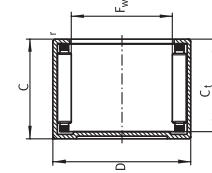
■ 开式冲压外圈滚针轴承

闭式冲压外圈滚针轴承

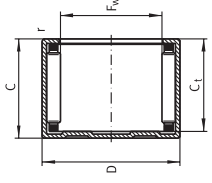
无密封



HK



BK 其 $F_w < 25 \text{ mm}$



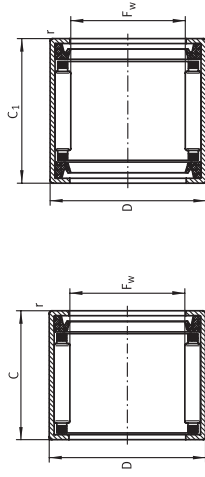
BK 其 $F_w \geq 25 \text{ mm}$

外形尺寸 (mm)				基本额定动载荷 C_r (N)		基本额定静载荷 C_{or} (N)	极限转速 min^{-1}	开式冲压外圈轴承型号	重量 (kg)	闭式冲压外圈轴承型号	重量 (kg)
F_w	D	C	C_t (min.)	r (min.)	r (min.)						
22	28	10	-	0.8	0.8	7500	11700	HK2210	0.013	-	-
22	28	12	9.3	0.8	0.8	9100	11700	HK2212	0.015	BK2212	0.018
22	28	16	13.3	0.8	0.8	13400	11700	HK2216	0.021	BK2216	0.024
22	28	20	-	0.8	0.8	16500	11700	HK2220	0.026	-	-
25	32	12	-	0.8	0.8	11000	10200	HK2512	0.020	-	-
25	32	16	13.3	0.8	0.8	15600	10200	HK2516	0.027	BK2516	0.032
25	32	20	17.3	0.8	0.8	19900	10200	HK2520	0.033	BK2520	0.038
25	32	26	23.3	0.8	0.8	25500	10200	HK2526	0.044	BK2526	0.048
25	32	38	35.3	0.8	0.8	34000	10200	HK2538-ZW	0.064	BK2538-ZW	0.068
28	35	16	-	0.8	0.8	16400	9200	HK2816	0.029	-	-
28	35	20	-	0.8	0.8	20900	9200	HK2820	0.036	-	-
30	37	12	9.3	0.8	0.8	12100	8600	HK3012	0.023	BK3012	0.028
30	37	16	13.3	0.8	0.8	17200	8600	HK3016	0.031	BK3016	0.038
30	37	20	17.3	0.8	0.8	22000	8600	HK3020	0.039	BK3020	0.047
30	37	22	-	0.8	0.8	24800	8600	HK3022	0.042	-	-
30	37	26	23.3	0.8	0.8	28000	8600	HK3026	0.051	BK3026	0.058
30	37	38	35.3	0.8	0.8	37500	8600	HK3038-ZW	0.076	BK3038-ZW	0.084
32	39	20	-	0.8	0.8	23000	8100	HK3220	0.0406	-	-
32	39	24	-	0.8	0.8	27500	8100	HK3224	0.049	-	-
35	42	12	-	0.8	0.8	13100	7500	HK3512	0.027	-	-
35	42	16	-	0.8	0.8	18700	7500	HK3516	0.036	-	-
35	42	24	17.3	0.8	0.8	23800	7500	HK3520	0.044	BK3520	0.053
40	47	12	-	0.8	0.8	14000	6600	HK4012	0.030	-	-
40	47	16	-	0.8	0.8	20000	6600	HK4016	0.039	-	-
40	47	20	17.3	0.8	0.8	25500	6600	HK4020	0.054	BK4020	0.062
45	52	12	-	0.8	0.8	14900	5900	HK4512	0.033	-	-
45	52	16	-	0.8	0.8	21300	5900	HK4516	0.046	-	-
45	52	20	17.3	0.8	0.8	27000	5900	HK4520	0.056	BK4520	0.072
50	58	20	-	0.8	0.8	31000	5300	HK5020	0.070	-	-
50	58	25	-	0.8	0.8	38500	5300	HK5025	0.090	-	-
55	63	20	-	0.8	0.8	31500	4850	HK5520	0.074	-	-
55	63	28	-	0.8	0.8	44000	4850	HK5528	0.105	-	-
60	68	12	-	0.8	0.8	17400	4450	HK6012	0.049	-	-
60	68	20	-	0.8	0.8	33500	4450	HK6020	0.081	-	-
60	68	32	-	0.8	0.8	53000	4450	HK6032	0.136	-	-

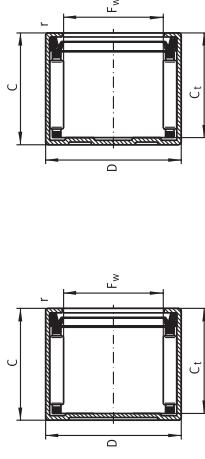
■ 开式冲压外圈滚针轴承

闭式冲压外圈滚针轴承

密封



HK...-2RS



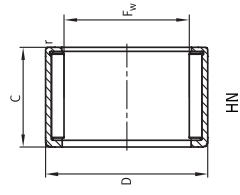
BK...-RS 其 $F_w < 25 \text{ mm}$

BK...-RS 其 $F_w \geq 25 \text{ mm}$

外形尺寸 (mm)						基本额定动载荷 Cr (N)		基本额定静载荷 Cor (N)	极限转速 min ⁻¹	开式冲压外圈 单侧密封				开式冲压外圈 双侧密封				闭式冲压外圈 单侧密封	
F _w	D	C	C ₁	C ₁	r (min.)	r (min.)				轴型号	重量 (kg)	轴型号	重量 (kg)	轴型号	重量 (kg)	轴型号	重量 (kg)		
8	12	-	10	10	0.4	0.4	2180	1930	20000	-	-	HK8010-2RS	0.0032	-	-	-	-		
8	12	10	12	12	0.4	0.4	2750	2600	20000	HK0810-RS	0.003	HK0812-2RS	0.0033	-	-	-	-		
8	12	12	-	-	0.4	0.4	3800	3950	20000	HK0812-RS	0.0031	-	-	-	-	-	-		
10	14	-	12	12	0.4	0.4	3200	3350	17000	-	-	HK1012-2RS	0.0043	-	-	-	-		
10	14	12	14	14	0.4	0.4	4400	5100	17000	HK1012-RS	0.0042	HK1014-2RS	0.0046	BK1012-RS	0.0046	-	0.043		
12	16	-	14	14	0.4	0.4	4950	6200	14000	-	-	HK1214-2RS	0.008	-	-	-	-		
12	18	14	16	16	0.8	0.8	6500	7300	14000	HK1214-RS	0.010	HK1216-2RS	0.011	-	-	-	-		
14	20	14	16	16	11.3	0.8	7100	8500	12000	HK1414-RS	0.012	HK1416-2RS	0.013	BK1414-RS	0.013	-	0.013		
15	21	14	16	16	-	0.8	7800	9800	11000	HK1514-RS	0.012	HK1516-2RS	0.015	-	-	-	-		
15	21	18	20	20	-	0.8	10500	14400	11000	HK1518-RS	0.016	HK1520-2RS	0.018	-	-	-	-		
16	22	14	16	16	11.3	0.8	7600	9700	11000	HK1614-RS	0.013	HK1614-2RS	0.014	BK1614-RS	0.014	-	0.015		
16	22	-	20	20	-	0.8	10900	15300	11000	-	-	HK1620-2RS	0.018	-	-	-	-		
18	24	14	16	16	-	0.8	8100	10900	9500	HK1814-RS	0.014	HK1816-2RS	0.015	-	-	-	-		
20	26	-	16	16	-	0.8	8600	12100	8500	-	-	HK2016-2RS	0.018	-	-	-	-		
20	26	18	20	20	15.3	0.8	12700	20100	8500	HK2018-RS	0.021	HK2020-2RS	0.023	BK2018-RS	0.023	-	0.024		
22	28	14	16	16	-	0.8	9100	13400	8000	HK2214-RS	0.016	HK2216-2RS	0.018	-	-	-	-		
22	28	18	20	20	-	0.8	13400	22100	8000	HK2218-RS	0.024	HK2220-2RS	0.026	-	-	-	-		
25	32	-	16	16	-	0.8	11000	15200	7000	-	-	HK2526-2RS	0.027	-	-	-	-		
25	32	18	20	20	15.3	0.8	15600	24000	7000	HK2518-RS	0.029	HK2520-2RS	0.031	BK2518-RS	0.031	-	0.034		
25	32	-	24	24	-	0.8	19900	33000	7000	-	-	HK2524-2RS	0.040	-	-	-	-		
25	32	-	30	30	-	0.8	25500	45000	7000	-	-	HK2530-2RS	0.047	-	-	-	-		
28	35	18	20	20	-	0.8	16400	26500	6000	HK2818-RS	0.031	HK2820-2RS	0.034	-	-	-	-		
30	37	-	16	16	-	0.8	12100	18200	6000	-	-	HK3016-2RS	0.031	-	-	-	-		
30	37	18	20	20	-	0.8	17200	29000	6000	HK3018-RS	0.037	HK3020-2RS	0.036	-	-	-	-		
30	37	-	24	24	-	0.8	22000	39500	6000	-	-	HK3024-2RS	0.044	-	-	-	-		
35	42	-	16	16	-	0.8	13100	21300	5000	-	-	HK3516-2RS	0.032	-	-	-	-		
35	42	18	20	20	-	0.8	18700	33500	5000	HK3518-RS	0.039	HK3520-2RS	0.041	-	-	-	-		
40	47	-	16	16	-	0.8	14000	24300	4500	-	-	HK4016-2RS	0.037	-	-	-	-		
40	47	18	20	20	-	0.8	20000	38500	4500	HK4018-RS	0.045	HK4020-2RS	0.048	-	-	-	-		
45	52	18	20	20	-	0.8	21300	43000	4000	HK4518-RS	0.050	HK4520-2RS	0.054	-	-	-	-		
50	58	22	24	24	-	0.8	31000	63000	3600	HK5022-RS	0.076	HK5024-2RS	0.081	-	-	-	-		

■ 开式冲压外圈滚针轴承

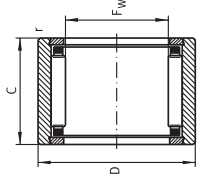
满装滚针 无密封



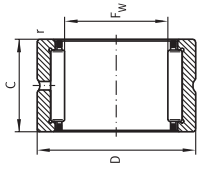
外形尺寸 (mm)					基本 额定动 载荷 Gr (N)	基本 额定静 载荷 Cor (N)	极限转速 min ⁻¹	重量 (kg)	轴承型号
F _w	D	C	r	r (min.)					
8	12	8	0.4	5000	6700	12700	0.003	HN0808	
10	14	10	0.4	7200	11100	10400	0.0046	HN1010	
12	16	10	0.4	8000	13400	8900	0.0053	HN1210	
12	18	12	0.8	10200	15200	8900	0.0105	HN1212	
14	20	12	0.8	11000	17500	7500	0.012	HN1412	
15	21	16	0.8	15400	27500	7100	0.014	HN1516	
16	22	12	0.8	12000	20300	6700	0.013	HN1612	
18	24	16	0.8	17000	32500	6000	0.020	HN1816	
20	26	16	0.8	18100	36500	5400	0.022	HN2016	
20	26	20	0.8	22400	48000	5400	0.0295	HN2020	
25	32	20	0.8	28000	59000	4350	0.0396	HN2520	
28	35	20	0.8	30000	67000	3950	0.044	HN2820	
35	42	20	0.8	33500	83000	3200	0.054	HN3520	
40	47	20	0.8	36000	95000	2800	0.0605	HN4020	
45	52	20	0.8	38500	108000	2500	0.066	HN4520	
45	52	25	0.8	47000	139000	2500	0.085	HN4525	
50	58	20	0.8	44500	119000	2260	0.0853	HN5020	
50	58	25	0.8	54000	152000	2260	0.107	HN5025	
				</					

■ 滚针轴承

无内圈



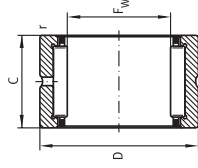
NK ($F_w \leq 10 \text{ mm}$)



NK ($F_w \cong 17 \text{ mm}$)、
RNA49、RNA69

外形尺寸 (mm)				基本 额定动 载荷 Cr (N)	基本 额定静 载荷 Cor (N)	极限转速 min ⁻¹	重量 (kg)	轴承型号
F _w	D	C	r (min.)					
5	10	10	0.15	2650	1920	39000	0.0031	NK5/10-TN
5	10	12	0.15	3400	2650	39000	0.0037	NK5/12-TN
6	12	10	0.15	2950	2280	36500	0.0047	NK6/10-TN
6	12	12	0.15	3800	3150	36500	0.0057	NK6/12-TN
7	14	10	0.3	3250	2650	34500	0.0069	NK7/10-TN
7	14	12	0.3	4150	3600	34500	0.0082	NK7/12-TN
8	15	12	0.3	4450	4100	32500	0.0087	NK8/12-TN
8	15	16	0.3	5800	5800	32500	0.012	NK8/16-TN
9	16	12	0.3	5100	5000	31000	0.0103	NK9/12-TN
9	16	16	0.3	6600	7100	31000	0.0128	NK9/16-TN
10	17	12	0.3	5300	5500	29500	0.0101	NK10/12-TN
10	17	16	0.3	7000	7800	29500	0.0133	NK10/16-TN
12	19	12	0.3	7200	7100	26500	0.0121	NK12/12
12	19	16	0.3	10100	11000	26500	0.0159	NK12/16
14	22	16	0.3	11400	11500	24600	0.0207	NK14/16
14	22	20	0.3	14500	15600	24600	0.0255	NK14/20
14	22	13	0.3	9600	9200	23600	0.0165	- RNA 4900
15	23	16	0.3	12100	12700	23900	0.0218	NK15/16
15	23	20	0.3	15400	17200	23900	0.0266	NK15/20
16	24	16	0.3	12800	13900	23200	0.0224	NK16/16
16	24	20	0.3	16300	18800	23200	0.0284	NK16/20
16	24	14	0.3	10600	10900	23200	0.0174	- RNA 4901
16	24	22	0.3	18100	21600	23200	0.031	- RNA 6901
17	25	16	0.3	13500	15000	22600	0.0237	NK17/16
17	25	20	0.3	17100	20400	22600	0.0298	NK17/20
18	26	16	0.3	14100	16200	22100	0.0249	NK18/16
18	26	20	0.3	17900	22000	22100	0.0341	NK18/20
19	27	16	0.3	14700	17400	21600	0.0261	NK19/16
19	27	20	0.3	18700	23600	21600	0.0322	NK19/20

■ 滚针轴承
无内圈
开式

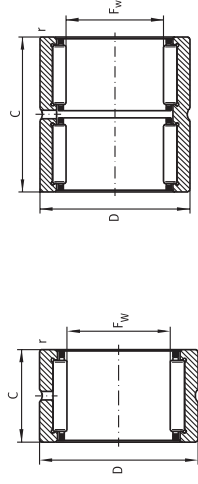


NK, NKS, RNA49, RNA69

外形尺寸 (mm)				基本额定动载荷 C _r (N)	基本额定静载荷 C _{0r} (N)	极限转速 min ⁻¹	重量 (kg)	轴承型号		
F _w	D	C	r (min.)							
20	28	16	0.3	14600	17500	21100	0.027	NK20/16	-	-
20	28	20	0.3	18600	23800	21100	0.0339	NK20/20	-	-
20	28	13	0.3	12000	13600	20400	0.0217	-	RNA 4902	-
20	28	23	0.3	19500	25500	20400	0.0397	-	RNA 6902	-
20	32	20	0.6	26000	25000	18800	0.0487	-	-	NKS20
21	29	16	0.3	15200	18700	20600	0.0281	NK21/16	-	-
21	29	20	0.3	19300	25500	20600	0.0352	NK21/20	-	-
22	30	16	0.3	15800	19900	20000	0.030	NK22/16	-	-
22	30	20	0.3	20000	27000	20000	0.037	NK22/20	-	-
22	30	13	0.3	12400	14600	18800	0.0222	-	RNA 4903	-
22	30	23	0.3	21100	29000	18800	0.0424	-	-	RNA 6903
22	35	20	0.6	27500	28000	17200	0.0615	-	-	NKS22
24	32	16	0.3	16900	22300	18500	0.0319	NK24/16	-	-
24	32	20	0.3	21400	30500	18500	0.040	NK24/20	-	-
24	37	20	0.6	29500	31000	16100	0.0655	-	-	NKS24
25	33	16	0.3	16800	22400	17800	0.0326	NK25/16	-	-
25	33	20	0.3	21300	30500	17800	0.042	NK25/20	-	-
25	37	17	0.3	23700	25500	15800	0.0523	-	RNA 4904	-
25	37	30	0.3	40500	51000	15800	0.100	-	-	RNA 6904
25	38	20	0.6	31000	33500	15600	0.0681	-	-	NKS25
26	34	16	0.3	17300	23600	17200	0.034	NK26/16	-	-
26	34	20	0.3	22000	32000	17200	0.042	NK26/20	-	-
28	37	20	0.3	24800	34000	15800	0.0522	NK28/20	-	-
28	37	30	0.3	37000	57000	15800	0.082	NK28/30	-	-
28	39	17	0.3	26000	29500	14600	0.0502	-	RNA 49/22	-
28	39	30	0.3	42000	55000	14600	0.098	-	-	RNA 69/22
28	42	20	0.6	32500	36500	14000	0.0836	-	-	NKS28
29	38	20	0.3	27500	39000	15300	0.050	NK29/20-TN	-	-
29	38	30	0.3	37000	57000	15300	0.0843	NK29/30	-	-
30	40	20	0.3	28000	41000	14800	0.061	NK30/20-TN	-	-
30	40	30	0.3	42000	69000	14800	0.0924	NK30/30-TN	-	-
30	42	17	0.3	26500	31500	13600	0.061	-	RNA 4905	-
30	42	30	0.3	44000	59000	13600	0.112	-	-	RNA 6905
30	45	22	0.6	36500	40000	13100	0.104	-	-	NKS30

■ 滚针轴承

无内圈
开式

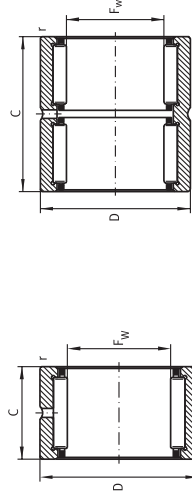


NK, NKS, RNA49, RNA69

RNA69.-ZW

外形尺寸 (mm)					基本 额定动 载荷 Cr (N)	基本 额定静 载荷 Cor (N)	极限转速 min ⁻¹	重量 (kg)	轴承型号		
Fw	D	C	r	r (min.)							
32	42	20	0.3	0.3	29500	44500	14000	0.064	NK32/20-TN	-	-
32	42	30	0.3	0.3	39000	63000	14000	0.102	NK32/30	-	-
32	45	17	0.3	0.3	27500	33500	12700	0.732	-	RNA 49/28	-
32	45	30	0.3	0.3	45500	63000	12700	0.135	-	RNA 69/28	-
32	47	22	0.6	0.6	38000	43500	12400	0.110	-	-	NKS32
35	45	20	0.3	0.3	31000	48500	12900	0.0694	NK35/20-TN	-	-
35	45	30	0.3	0.3	46000	81000	12300	0.106	NK35/30-TN	-	-
35	47	17	0.3	0.3	28500	35500	12000	0.0694	-	RNA 4906	-
35	47	30	0.3	0.3	49000	71000	12000	0.126	-	RNA 6906	-
35	50	22	0.6	0.6	39500	47000	11500	0.118	-	-	NKS35
37	47	20	0.3	0.3	28000	43500	12300	0.077	NK37/20	-	-
37	47	30	0.3	0.3	42000	73000	12300	0.113	NK37/30	-	-
37	52	22	0.6	0.6	41500	50000	11000	0.123	-	-	NKS37
38	48	20	0.3	0.3	29000	45000	12000	0.0794	NK38/20	-	-
38	48	30	0.3	0.3	43000	76000	12000	0.116	NK38/30	-	-
40	50	20	0.3	0.3	33500	56000	11400	0.078	NK40/20-TN	-	-
40	50	30	0.3	0.3	44000	79000	11400	0.125	NK40/30	-	-
40	52	20	0.6	0.6	34500	47500	10700	0.0891	-	RNA 49/32	-
40	52	36	0.6	0.6	53000	82000	10700	0.162	-	RNA 69/32-ZW	-
40	55	22	0.6	0.6	42500	54000	10300	0.129	-	-	NKS40
42	52	20	0.3	0.3	30000	49000	10900	0.0858	NK42/20	-	-
42	52	30	0.3	0.3	44500	82000	10900	0.130	NK42/30	-	-
42	55	20	0.6	0.6	35500	50000	10100	0.107	-	RNA 4907	-
42	55	36	0.6	0.6	54000	86000	10100	0.193	-	RNA 6907-ZW	-
43	53	20	0.3	0.3	30500	51000	10700	0.086	NK43/20	-	-
43	53	30	0.3	0.3	45500	85000	10700	0.133	NK43/30	-	-
43	58	22	0.6	0.6	44000	57000	9700	0.139	-	-	NKS43
45	55	20	0.3	0.3	35000	62000	10200	0.0853	NK45/20-TN	-	-
45	55	30	0.3	0.3	52000	103000	9800	0.132	NK45/30-TN	-	-
45	60	22	0.6	0.6	45500	60000	9300	0.145	-	-	NKS45
47	57	20	0.3	0.3	32500	56000	9800	0.0945	NK47/20	-	-
47	57	30	0.3	0.3	48500	94000	9800	0.142	NK47/30	-	-
48	62	22	0.6	0.6	48500	67000	8900	0.140	-	RNA 4908	-
48	62	40	0.6	0.6	74000	116000	8900	0.256	-	RNA 6908-ZW	-

■ 滚针轴承
无内圈
开式



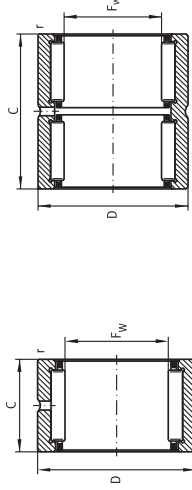
NK, NKS, RNA49

RNA69...ZW

外形尺寸 (mm)				基本 额定动 载荷 Cr (N)	基本 额定静 载荷 Cor (N)		极限转速 min ⁻¹	重量 (kg)	轴承型号	
F _w	D	C	r (min.)							
50	62	25	0.6	48500	87000		9200	0.146	NK50/25-TN	-
50	62	35	0.6	67000	132000		8800	0.207	NK50/35-TN	-
50	65	22	1	48000	67000		8500	0.157	-	NKS50
52	68	22	0.6	51000	73000		8200	0.182	RNA 4909	-
52	68	40	0.6	79000	127000		8200	0.338	RNA 6909-ZW	-
55	68	25	0.6	45500	82000		8400	0.180	NK55/25	-
55	68	35	0.6	60000	118000		8400	0.250	NK55/35	-
55	72	22	1	51000	74000		7700	0.221	-	NKS55
58	72	22	0.6	53000	80000		7500	0.163	RNA 4910	-
58	72	40	0.6	82000	139000		7500	0.310	RNA 6910-ZW	-
60	72	25	0.6	63000	103000		7400	0.170	NK60/25-TN	-
60	72	35	0.6	63000	130000		7700	0.258	NK60/35	-
60	80	28	1.1	71000	98000		7000	0.335	-	NKS60
63	80	25	1	65000	100000		6900	0.255	RNA 4911	-
63	80	45	1	102000	176000		6900	0.470	RNA 6911-ZW	-
65	78	25	0.6	50000	98000		7200	0.221	NK65/25	-
65	78	35	0.6	66000	142000		7200	0.310	NK65/35	-
65	85	28	1.1	75000	108000		6500	0.356	-	NKS65
68	82	25	0.6	49500	89000		6800	0.241	NK68/25	-
68	82	35	0.6	70000	139000		6800	0.338	NK68/35	-
68	85	25	1	68000	108000		6400	0.275	RNA 4912	-
68	85	45	1	106000	191000		6400	0.488	RNA 6912-ZW	-
70	85	25	0.6	50000	92000		6600	0.260	NK70/25	-
70	85	35	0.6	71000	144000		6600	0.370	NK70/35	-
70	90	28	1.1	77000	113000		6100	0.380	-	NKS70
72	90	25	1	69000	112000		6000	0.312	RNA 4913	-
72	90	45	1	106000	198000		6000	0.580	RNA 6913-ZW	-
73	90	25	1	60000	100000		6300	0.302	NK73/25	-
73	90	35	1	85000	156000		6300	0.428	NK73/35	-
75	92	25	1	61000	104000		6100	0.315	NK75/25	NKS45
75	92	35	1	87000	162000		6100	0.445	NK75/35	-
75	95	28	1.1	81000	123000		5800	0.402	-	-

■ 滚针轴承

无内圈
开式



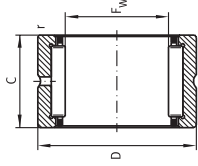
NK, RNA49

RNA69..ZW

外形尺寸 (mm)				基本 额定动 载荷 Cr (N)	基本 额定静 载荷 Cor (N)		极限转速 min ⁻¹	重量 (kg)	轴承型号	
F _w	D	C	r (min.)							
80	95	25	1	63000	119000		5800	NK85/25	-	-
80	95	35	1	89000	184000		5800	NK80/35	-	-
80	100	30	1	95000	156000		5400	-	RNA 4914	-
80	100	54	1	145000	265000		5400	-	-	RNA 6914-ZW
85	105	25	1	78000	123000		5400	NK85/25	-	-
85	105	35	1	111000	193000		5400	NK85/35	-	-
85	105	30	1	97000	162000		5200	-	RNA 4915	-
85	105	54	1	147000	275000		5200	-	-	RNA 6915-ZW
90	110	25	1	81000	132000		5100	NK90/25	-	-
90	110	35	1	116000	208000		5100	NK90/35	-	-
90	110	30	1	101000	174000		4900	-	RNA 4916	-
90	110	54	1	153000	300000		4900	-	-	RNA 6916-ZW
96	115	26	1	83000	137000		4850	NK95/26	-	-
96	115	36	1	121000	223000		4850	NK95/36	-	-
100	120	26	1	86000	146000		4600	NK100/26	-	-
100	120	36	1	125000	237000		4600	NK100/36	-	-
100	120	35	1.1	125000	237000		4450	-	RNA 4917	-
100	120	63	1.1	188000	400000		4450	-	-	RNA 6917-ZW
105	125	26	1	89000	155000		4400	NK105/26	-	-
105	125	36	1	129000	250000		4400	NK105/36	-	-
105	125	35	1.1	129000	250000		4250	-	RNA 4918	-
105	125	63	1.1	195000	425000		4250	-	-	RNA 6918-ZW
110	130	30	1.1	111000	210000		4200	NK110/30	-	-
110	130	40	1.1	143000	290000		4200	NK110/40	-	-
110	130	35	1.1	131000	280000		4100	-	RNA 4919	-
110	130	63	1.1	197000	440000		4100	-	-	RNA 6919-ZW

■ 滚针轴承

无内圈
开式

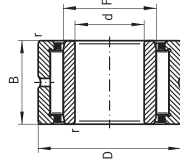


RNA49、RNA48

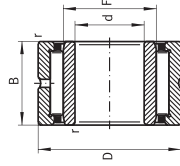
外形尺寸 (mm)				基本 额定动 载荷 Cr (N)	基本 额定静 载荷 Cor (N)	极限转速 min ⁻¹	重量 (kg)	轴承型号
F _w	D	C	r (min.)					
115	140	40	1.1	144000	270000	4000	1.150	RNA 4920
120	140	30	1	106000	216000	3750	0.670	RNA 4922
125	150	40	1.1	149000	290000	3700	1.240	RNA 4922
130	150	30	1	112000	239000	3500	0.730	RNA 4924
135	165	45	1.1	205000	390000	3400	1.860	RNA 4924
145	165	35	1.1	134000	310000	3150	0.990	RNA 4926
150	180	50	1.5	229000	470000	3100	2.210	RNA 4926
155	175	35	1.1	136000	325000	2950	1.050	RNA 4928
160	190	50	1.5	237000	500000	2900	2.350	RNA 4928
165	190	40	1.1	172000	400000	2750	1.600	RNA 4930
175	200	40	1.1	181000	435000	2600	1.700	RNA 4932
185	215	45	1.1	209000	510000	2450	2.540	RNA 4934
195	225	45	1.1	219000	550000	2330	2.680	RNA 4936
210	240	50	1.5	255000	690000	2180	3.210	RNA 4938
220	250	50	1.5	260000	720000	2090	3.350	RNA 4940
240	270	50	1.5	275000	790000	1920	3.620	RNA 4944
265	300	60	2	400000	1080000	1730	5.400	RNA 4948
285	320	60	2	415000	1160000	1620	5.800	RNA 4952
305	350	69	2	510000	1300000	1500	9.300	RNA 4956
330	380	80	2.1	700000	1770000	1380	12.700	RNA 4960
350	400	80	2.1	710000	1850000	1310	12.400	RNA 4964
370	420	80	2.1	730000	1940000	1240	14.000	RNA 4968
390	440	80	2.1	740000	2020000	1180	14.800	RNA 4972
415	480	100	2.1	1130000	2900000	1090	16.000	RNA 4976

■ 滚针轴承

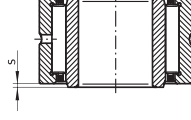
带内圈
开式



NKI ($d \leq 7 \text{ mm}$)



NKI ($d \geq 9 \text{ mm}$)、NKIS、
NA49、NA69 ($d \leq 30 \text{ mm}$)

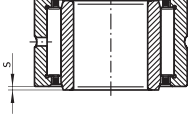
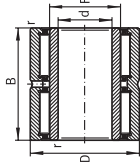
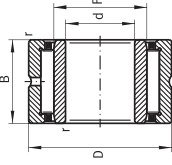


2) 轴向位移 "s"

外形尺寸 (mm)						基本额定动载荷 Cr (N)		基本额定静载荷 Cor (N)	极限转速 min ⁻¹	重量 (kg)	轴承型号	
d	F	D	B	r	s							
5	8	15	12	0.3	1.5	4450	4100	5800	32500	0.0115	NKI5/12-TN	-
5	8	15	16	0.3	2.0	5800	5800	5800	32500	0.0153	NKI5/16-TN	-
6	9	16	12	0.3	1.5	5100	5000	5000	31000	0.0135	NKI6/12-TN	-
6	9	16	16	0.3	2.0	6600	7100	7100	31000	0.0174	NKI6/16-TN	-
7	10	17	12	0.3	1.5	5300	5500	5500	29500	0.0137	NKI7/12-TN	-
7	10	17	16	0.3	2.0	7000	7800	7800	29500	0.0182	NKI7/16-TN	-
9	12	19	12	0.3	1.5	7200	7100	7100	26500	0.0166	NKI9/12	-
9	12	19	16	0.3	2.0	10100	11000	11000	26500	0.0219	NKI9/16	-
10	14	22	16	0.3	0.5	11400	11500	11500	24600	0.0294	NKI10/16	-
10	14	22	20	0.3	0.5	14500	15600	15600	24600	0.0371	NKI10/20	-
10	14	22	13	0.3	0.5	9600	9200	9200	25000	0.023	NA 4900	-
12	16	24	16	0.3	0.5	12800	13900	13900	23200	0.0333	NKI12/16	-
12	16	24	20	0.3	0.5	16300	18800	18800	23200	0.0419	NKI12/20	-
12	16	24	13	0.3	0.5	10600	10900	10900	23600	0.026	NA 4901	-
12	16	24	22	0.3	1.0	18100	21600	21600	23600	0.046	NA 6901	-
15	19	27	16	0.3	0.5	14700	17400	17400	21600	0.0388	NKI15/16	-
15	19	27	20	0.3	0.5	18700	23600	23600	21600	0.0487	NKI15/20	-
15	20	28	13	0.3	0.5	12000	13600	13600	21600	0.034	NA 4902	-
15	20	28	23	0.3	1.0	19500	25500	25500	21600	0.0636	NA 6902	-
15	22	35	20	0.6	0.5	27500	28000	28000	19600	0.092	-	NKIS15
17	21	29	16	0.3	0.5	15200	18700	18700	20600	0.0424	NKI17/16	-
17	21	29	20	0.3	0.5	19300	25500	25500	20600	0.0534	NKI17/20	-
17	22	30	13	0.3	0.5	12400	14600	14600	20600	0.037	NA 4903	-
17	22	30	23	0.3	1.0	21100	29000	29000	20600	0.072	NA 6903	-
17	24	37	20	0.6	0.5	29500	31000	31000	18100	0.098	-	NKIS17
20	24	32	16	0.3	0.5	16900	23300	23300	18500	0.049	NKI20/16	-
20	24	32	20	0.3	0.5	21400	30500	30500	18500	0.061	NKI20/20	-
20	25	37	17	0.3	0.8	23700	25500	25500	17200	0.0752	NA 4904	-
20	25	37	30	0.3	1.0	40500	51000	51000	17200	0.141	NA 6904	-
20	28	42	20	0.6	0.5	32500	36500	36500	15800	0.129	-	NKIS20
22	26	34	16	0.3	0.5	17300	23600	23600	17200	0.052	NKI22/16	-
22	26	34	20	0.3	0.5	22000	32000	32000	17200	0.0654	NKI22/20	-
22	28	39	17	0.3	0.8	26000	29500	29500	16100	0.080	NA 49/22	-
22	28	39	30	0.3	0.5	42000	55000	55000	16100	0.150	NA 69/22	-

■ 滚针轴承

带内圈
开式



NK1, NKIS, NA49, NA69 (d ≤ 30 mm)

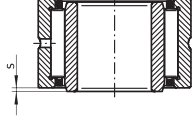
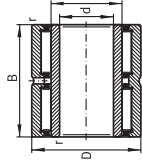
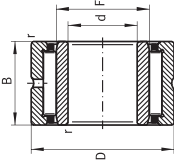
NA69..ZW

1) 轴向位移 "s"

外形尺寸 (mm)						基本额定载荷 C _r (N)	基本额定静载荷 C _{0r} (N)	极限转速 min ¹	重量 (kg)	轴承型号	
d	F	D	B	r (min.)	s						
25	29	38	20	0.3	1.0	27500	39000	15300	0.0758	NK125/20-TN	-
25	29	38	30	0.3	1.5	37000	57000	15300	0.124	NK125/30	-
25	30	42	17	0.3	0.8	26500	31500	14600	0.088	NA 4905	-
25	30	42	30	0.3	1.0	44000	59000	14600	0.161	NA 6905	-
25	32	47	22	0.6	1.0	38000	43500	13600	0.162	-	NKIS25
28	32	42	20	0.3	1.0	29500	44500	14000	0.0924	NK128/20-TN	-
28	32	42	30	0.3	1.5	39000	63000	14000	0.146	NK128/30	-
28	32	45	27	0.3	0.8	27500	33500	13400	0.0977	NA 49/28	-
28	32	45	30	0.3	1.0	45500	63000	13400	0.182	NA 69/28	-
30	35	45	20	0.3	0.5	31000	48500	12900	0.108	NK130/20-TN	-
30	35	45	30	0.3	1.0	46000	81000	12900	0.165	NK130/30-TN	-
30	35	47	17	0.3	0.8	28500	35500	12700	0.101	NA 4906	-
30	35	47	30	0.3	1.0	49000	71000	12700	0.192	NA 6906	-
30	37	52	22	0.6	1.0	41500	50000	12000	0.184	-	NKIS30
32	37	47	20	0.3	0.5	28000	43500	12300	0.118	NK132/20	-
32	37	47	30	0.3	1.0	42000	73000	12300	0.180	NK132/30	-
32	40	52	20	0.6	0.8	34500	47500	11700	0.158	NA 49/32	-
32	40	52	36	0.6	0.5	53000	82000	11700	0.288	NA 69/32-ZW	-
35	40	50	20	0.3	0.5	33500	56000	11400	0.122	NK135/20-TN	-
35	40	50	30	0.3	1.0	44000	79000	11400	0.193	NK135/30	-
35	42	55	20	0.6	0.8	35500	50000	10900	0.170	NA 4907	-
35	42	55	36	0.6	0.5	54000	86000	10900	0.310	NA 6907-ZW	-
35	43	58	22	0.6	0.5	44000	57000	10500	0.220	-	NKIS35
38	43	53	20	0.3	0.5	30500	51000	10700	0.136	NK138/20	-
38	43	53	30	0.3	1.0	45500	85000	10700	0.207	NK138/30	-
40	45	55	20	0.3	0.5	35000	62000	10200	0.136	NK140/20-TN	-
40	45	55	30	0.3	1.0	52000	103000	10200	0.216	NK140/30-TN	-
40	48	62	22	0.6	1.0	48500	67000	9600	0.230	NA 4908	-
40	48	62	40	0.6	0.5	74000	116000	9600	0.430	NA 6908-ZW	-
40	50	65	22	1.0	0.5	48000	67000	9300	0.281	-	NKIS40
42	47	57	20	0.3	0.5	32500	56000	9800	0.148	NK142/20	-
42	47	57	30	0.3	1.0	48500	94000	9800	0.222	NK142/30	-

■ 滚针轴承

带内圈
开式



1) 轴向位移 "s"

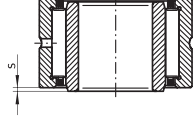
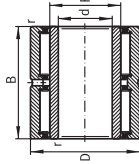
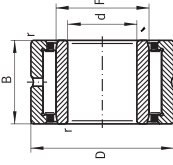
NKL, NKIS, NA49

NA69..ZW

外形尺寸 (mm)							基本额定动载荷 C _r (N)	基本额定静载荷 C _{0r} (N)	极限转速 min ¹	重量 (kg)	轴承型号		
d	F	D	B	r	r (min.)	s							
45	50	62	25	0.6	0.6	1.5	48500	87000	9200	0.217	NK145/25-TN	-	-
45	50	62	35	0.6	0.6	2.0	67000	132000	9200	0.308	NK145/35-TN	-	-
45	52	68	22	0.6	0.6	1.0	51000	73000	8700	0.271	-	NA 4909	-
45	52	68	40	0.6	0.6	0.5	79000	127000	8700	0.495	-	-	NA 6909-ZW
45	55	72	22	1.0	1.0	0.5	51000	74000	8400	0.336	-	-	NKIS45
50	55	68	25	0.6	0.6	1.5	45500	82000	8400	0.270	NK150/25	-	-
50	55	68	35	0.6	0.6	2.0	60000	118000	8400	0.379	NK150/35	-	-
50	58	72	22	0.6	0.6	1.0	53000	80000	8000	0.274	-	NA 4910	-
50	58	72	40	0.6	0.6	0.5	82000	139000	8000	0.515	-	-	NA 6910-ZW
50	60	80	28	1.1	2.0	2.0	71000	98000	7500	0.518	-	-	NKIS50
55	60	72	25	0.6	0.6	1.5	53000	103000	7700	0.255	NK155/25-TN	-	-
55	60	72	35	0.6	0.6	2.0	63000	130000	7700	0.379	NK155/35	-	-
55	63	80	25	1.0	1.5	1.5	65000	100000	7300	0.393	-	NA 4911	-
55	63	80	45	1.0	1.5	1.5	102000	176000	7300	0.780	-	-	NA 6911-ZW
55	65	85	28	1.1	2.0	2.0	75000	108000	7000	0.558	-	-	NKIS55
60	68	82	25	0.6	0.6	1.0	49500	89000	6800	0.394	NK160/25	-	-
60	68	82	35	0.6	0.6	1.0	70000	139000	6800	0.553	NK160/35	-	-
60	68	85	25	1.0	1.5	1.5	68000	108000	6800	0.426	-	NA 4912	-
60	68	85	45	1.0	1.5	1.5	106000	191000	6800	0.808	-	-	NA 6912-ZW
60	70	90	28	1.1	2.0	2.0	77000	113000	6500	0.560	-	-	NKIS60
65	73	90	25	1.0	1.0	1.0	60000	100000	6300	0.467	NK165/25	-	-
65	73	90	35	1.0	1.0	1.0	85000	156000	6300	0.659	NK165/35	-	-
65	72	90	25	1.0	1.5	1.5	69000	112000	6300	0.456	-	NA 4913	-
65	72	90	45	1.0	1.5	1.5	108000	198000	6300	0.833	-	-	NA 6913-ZW
65	75	95	28	1.1	2.0	2.0	81000	123000	6100	0.641	-	-	NKIS65
70	80	95	25	1.0	0.8	0.8	63000	119000	5800	0.521	NK170/25	-	-
70	80	95	35	1.0	0.8	0.8	89000	184000	5800	0.737	NK170/35	-	-
70	80	100	30	1.0	1.5	1.5	95000	156000	5800	0.728	-	NA 4914	-
70	80	100	54	1.0	1.0	1.0	145000	285000	5800	1.340	-	-	NA 6914-ZW
75	85	105	25	1.0	1.0	1.0	78000	123000	5400	0.641	NK175/25	-	-
75	85	105	35	1.0	1.0	1.0	111000	193000	5400	0.908	NK175/35	-	-
75	85	105	30	1.0	1.5	1.5	97000	162000	5400	0.775	-	NA 4915	-
75	85	105	54	1.0	1.0	1.0	147000	275000	5400	1.450	-	-	NA 6915-ZW

■ 滚针轴承

带内圈
开式



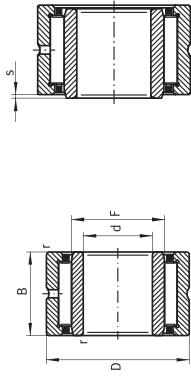
NKI NA49 NA48

NA69..ZW

1) 轴向位移 "s"

外形尺寸 (mm)					基本 额定动 载荷 C _r (N)	基本 额定静 载荷 C _{0r} (N)	极限转速 min ¹	重量 (kg)	轴承型号	
d	F	D	B	s						
80	90	110	25	1.0	81000	132000	5100	0.677	NKI80/25	-
80	90	110	35	1.0	116000	208000	5100	0.959	NKI80/35	-
80	90	110	30	1.0	101000	174000	5200	0.878	NA 4916	-
80	90	110	54	1.0	153000	300000	5200	1.522	NA 6916-ZW	-
85	95	115	26	1.0	83000	137000	4850	0.743	NKI85/26	-
85	95	115	36	1.0	121000	223000	4850	1.040	NKI85/36	-
85	100	120	35	1.1	125000	237000	4800	1.250	NA 4917	-
85	100	120	63	1.0	188000	400000	4800	2.200	NA 6917-ZW	-
90	100	120	26	1.0	86000	146000	4600	0.778	NKI90/26	-
90	100	120	36	1.0	125000	237000	4600	1.090	NKI90/36	-
90	105	125	35	1.1	129000	250000	4550	1.312	NA 4918	-
90	105	125	63	1.0	195000	425000	4550	2.310	NA 6918-ZW	-
95	105	125	26	1.0	89000	155000	4400	0.816	NKI95/26	-
95	105	125	36	1.0	129000	250000	4400	1.145	NKI95/36	-
95	110	130	35	1.1	131000	260000	4350	1.371	NA 4919	-
95	110	130	63	1.0	197000	440000	4350	2.500	NA 6919-ZW	-
100	110	130	30	1.1	111000	210000	4200	0.990	NKI100/30	-
100	110	130	40	1.1	143000	290000	4200	1.330	NKI100/40	-
100	115	140	40	1.1	144000	270000	4100	1.900	NA 4920	-
110	125	150	40	1.1	149000	290000	3750	2.070	NA 4944	-
110	120	140	30	1.0	106000	216000	3900	1.080	-	NA 4822
120	135	165	45	1.1	205000	390000	3450	2.860	NA 4924	-
120	130	150	30	1.0	112000	239000	3650	1.170	-	NA 4824
130	150	180	50	1.5	229000	470000	3150	3.900	NA 4926	-
130	145	165	35	1.1	134000	310000	3300	1.810	-	NA 4826
140	160	190	50	1.5	237000	500000	2950	4.150	NA 4928	-
140	155	175	35	1.1	136000	325000	3100	1.920	-	NA 4828
150	165	190	40	1.1	172000	400000	2900	2.720	-	NA 4830
160	175	200	40	1.1	181000	435000	2700	2.890	-	NA 4832
170	185	215	45	1.1	209000	510000	2550	3.960	-	NA 4834
180	195	225	45	1.1	219000	550000	2420	4.200	-	NA 4836
190	210	240	50	1.5	225000	690000	2280	5.610	-	NA 4838

■ 滚针轴承
带内圈
开式



NA48

1) 轴向位移 "s"

外形尺寸 (mm)							基本 额定动 载荷 C _r (N)	基本 额定静 载荷 C _{0r} (N)	极限转速 min ⁻¹	重量 (kg)	轴承型号
d	F	D	B	r	r (min.)	s					
200	220	250	50	1.5	1.5	1.5	260000	720000	2150	5.840	NA 4840
220	240	270	50	1.5	1.5	1.5	275000	790000	1980	6.380	NA 4844
240	265	300	60	2.0	2.0	2.0	400000	1080000	1780	10.000	NA 4848
260	285	320	60	2.0	2.0	2.0	415000	1160000	1660	10.600	NA 4852
280	305	350	69	2.0	2.0	2.5	510000	1330000	1540	15.300	NA 4856
300	330	380	80	2.1	2.0	2.0	700000	1770000	1420	21.800	NA 4860
320	350	400	80	2.1	2.0	2.0	710000	1850000	1340	23.000	NA 4864
340	370	420	80	2.1	2.0	2.0	730000	1940000	1270	24.200	NA 4868
360	390	440	80	2.1	2.0	2.0	740000	2020000	1210	25.600	NA 4872
380	415	480	100	2.1	2.0	2.0	1130000	2900000	1130	42.600	NA 4876