

滚针轴承综合型录

Comprehensive Catalogue Of Needle Roller Bearings



精石开（上海）自动化科技有限公司
JYU (Shanghai) Automation Technology Co., LTD



精石开（上海）自动化科技有限公司主要开发生产以下产品：滚针轴承及保持架组件、圆柱滚子轴承、直线导轨。

我们历经 40 余年发展，以精密、专用、差异化产品为特色，始终坚持精益求精的技术、管理和品质准则，深耕滚针轴承和直线传动产品，坚定不移走“专精特新”发展之路，努力拓展国内、国际市场，不断提升技术和品质。

JYU 对材料技术、力学、制造工艺和产品测试检验持续投入研发能力，不断提升产品的锻造、成型、热处理、机械加工、表面处理和装配等制造工艺，积累了丰富的经验，确保用户得到稳定可靠，具有性价比的方案。多年以来，我们在机床、工程机械、汽车配件、半导体、印刷、自动化等领域赢得了众多用户的支持和信任。

JYU (Shanghai) Automation Technology Co., Ltd. mainly develops and produces the following products: needle roller bearings and cage components, cylindrical roller bearings, linear guide rails.

Having been developing for over 40 years, we maintain high-quality, precision, specialization and diversity in the products. The pillar products of our company are needle bearing and linear guideway, which has expanded the market and enhanced the competitiveness of the company. By adhering to the principle of specialization and precision, we will continue focusing on making products of high quality.

Based on years of experience, JYU has achieved remarkable results in materials, manufacturing techniques and production tests, which provides reliable and stable service for clients in the many areas of machine tool, engineering machinery, auto parts, semiconductor industry, printing machinery and automation machine in and abroad.

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带内圈滚针轴承

Solid Collar Needle Roller Bearing

实体套圈滚针轴承结构紧凑，径向尺寸小，负荷容量大，适用于径向轮廓尺寸受到限制的部件中，在轴或外壳有摆动运动的情况下也广泛采用。滚针轴承一般只能承受径向负荷，不能承受轴向负荷。当有轴向负荷时，应和其它轴承组合使用，它不限制轴或外壳的轴向位移。滚针轴承的极限转速较低，在主机转速较高的情况下，应尽量选用带保持架的滚针轴承，和其它类型的滚动轴承相比，在径向尺寸相同的情况下，滚针轴承负荷容量最大，它的刚性较高，但摩擦力矩也较大。

此类轴承有多种结构及尺寸系列，要求轴颈或外壳滚动面表面硬度、加工精度和表面粗糙度应与轴承套圈相同。所组装 G2 级滚针，分组批直径变动量在 $2\mu\text{m}$ 以内，除满装滚针轴承外，均采用高刚性保持架，能够正确地引导滚针平行轴线。

The solid collar needle roller bearing has compact structure, small radial size and large load carrying capacity. It is suitable for the parts of which the radial overall size is limited. It is also wide applied to the situation where the shaft or housing has the swinging motion. In general, the needle roller bearing only withstands the radial load, not the axial load. When the shaft has axial load, it can be used in combination with other bearings. However, it does not limit the axial shift of shaft or housing. The limiting rotational speed of needle roller bearing is lower. In high rotational speed of main machine, the needle roller bearing with cage shall be chosen as far as possible. In comparison with other types of needle roller bearings, under the situation of same radial size, the needle roller bearing has the large load carrying capacity and high rigidity but has high friction torque.

This kind of bearing has many series with different structure and size. It is requested that the hardness, processing accuracy and surface roughness of shaft journal surface and rolling surface of outer housing be same as those of the collar of bearing. As for the needle roller with G2 class, the diameter varies within $2\mu\text{m}$ in group. Except the full complement needle roller bearings, they have the rigid cages, which can correctly guide the parallel axis line of needle roller.

无内圈滚针轴承 RNA 、NK 型

Model RNA、NK Needle Roller Bearings Without Inner Ring

无内圈滚针轴承适用于径向尺寸受限制的部件中，由于无内圈，与其配合的轴颈表面直接作为滚动面。要求其表面硬度不低于 HRC60, 表面粗糙度 Ra 值不大于 0.63 μ m, 该种轴承不限制轴或外壳的轴向位移，极限转速较高。

The needle roller bearing without inner ring is suitable for the parts of which the radial size is limited. Because of no inner ring, the surface of shaft journal fitted with it is acted directly as rolling surface. It is requested that the surface hardness be no less than HRC60, surface roughness, no more than 0.63 μ m. This kind of bearing does not limit the axial shift of shaft and housing and has high limiting rotational speed.

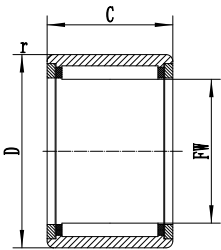
有内圈滚针轴承 NA 、NKI 型

Model NA、NKI Needle Roller Bearings With Inner Ring

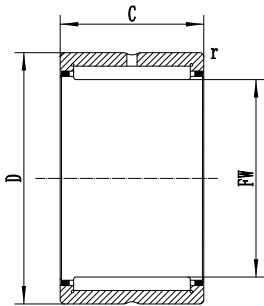
该种轴承由于内圈无挡边，因此可分别安装内圈、外圈、全套滚针和保持架，不限制轴或外壳的轴向位。由于用保持架将滚针隔开，减少了摩擦，所以可用在转速较高的部件中。

The inner ring has no shoulder in this bearing. For this purpose, the inner ring, outer ring, complete set of needles and cage can be mounted respectively. This bearing does not limit the axial shift of shaft and outer housing. Since the cage separates the needles so as to reduce friction. It can be used for the parts with high rotational speed.



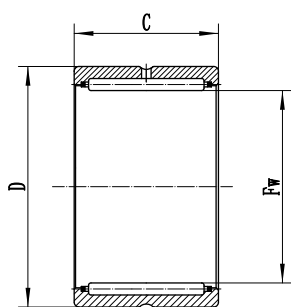


NK(FW ≤ 10mm)
NKS(FW ≤ 12mm)

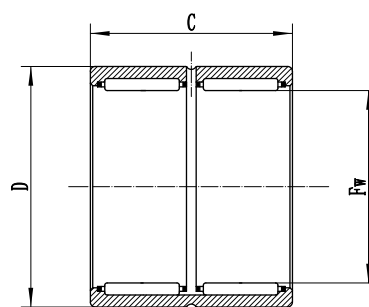


NK(FW ≥ 12mm),NKS(FW ≥ 14mm)
RNA49,RNA69(FW ≤ 35mm)

轴径 mm	轴承型号		重量 g	Fw	外形尺寸		基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			D mm	C	动 N	静 N	
5	NK5/10TN		2.9	5	10	10	2100	1400	36780
	NK05/08			5	10	8			
	NK05/10TN-OH			5	10	12	2350	1920	39000
	NK05/12TN		3.7	5	10	12	3000	2650	39000
6	NK06/10			6	12	10	2600	2200	37000
	NK06/10TN			6	12	10	2600	2200	37000
	NK06/12TN		5.7	6	12	12	3350	3150	37000
	RNA6X13X8TN			6	13	8			
7	NK07/10		6.9	7	14	10	2850	2650	34000
	NK07/12		8.2	7	14	12	3650	3600	34000
7.8	RNA7.8169			7.8	16	9			
8	NK8L12TN		8.3	8	15	12	3950	4100	32000
	NK08/12		8.7	8	15	12	3950	4100	32000
	NK08/16		12	8	15	16	5100	5800	32000
	NK08/16TN			8	15	16	5100	5800	32000
	RNA8X19X9			8	19	9			
	RNA8X14X8			8	14	8			
	RNA496			8	15	10			
9	NK09/12			8	15	10			
	NK09/12		10.3	9	16	12			
	NK10/12TN	462409K	10	10	17	12	4750	5300	29000
		5624097	16.6	10	17	15	4860	7100	29000
	NK10/10			10	17	10			
	NK10/12			10	17	12			
	NK10/16			10	17	16	6200	7800	29000
10	NK10/16TN			10	17	16	6200	7800	29000
	NKS10			10	19	13	5800	6000	29000
	NK12/12TN	644097	11.8	12	19	12	6000	6400	27000
		5624098	15.4	12	19	15	6400	7100	27000
	NK12/16		16.8	12	19	16	8200	9800	27000
	NK14/16	4624900K	20.8	14	22	16	10100	11500	25000
	NKS14		27	14	25	16	1400	13800	24000
14	RNA4900	4624900	24.4	14	22	13	8500	9000	25000
	RNA6900	6634900	29.1	14	22	22	12800	15600	25000
	NK14/12			14	22	12			
	NK14/20			14	22	20	12800	15600	25000
	NK15/12	644800K	18.5	15	23	12	8600	11000	21000
15	RNA152815		31.7	15	28	15	13600	17200	24000
		7948/15	16.1	15	22	12	8200	9800	8500

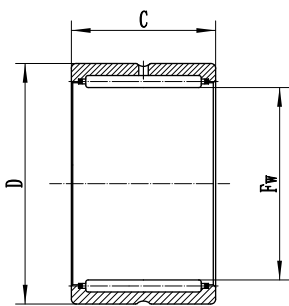


NK, NKS, RNA 49,
RNA 69(FW ≤ 35mm)

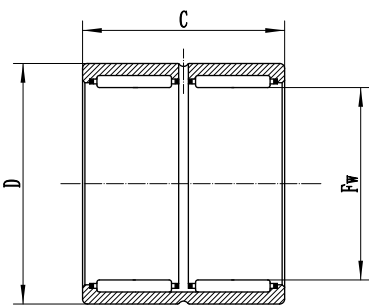


RNA 69(FW ≥ 40mm)

轴径 mm	轴承型号		重量 g	Fw	外形尺寸		基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			D mm	C	动 N	静	
15		644302	18.2	15	25	12	10600	13500	17000
	NK15/16		21.8	15	23	16	10700	12700	24000
	NK15/20		26.7	15	23	20	13600	17200	24000
	NK152312			15	23	12			
	NK152512			15	25	12			
16	NK16/16		20.8	16	24	16	11300	13900	23000
	NK16/20	624701	23.9	16	24	20	10400	16800	23000
	RNA4901	4624901	16.6	16	24	13	6400	8900	15500
	RNA6901	6634901	28.7	16	24	22	14000	18600	15500
	NKS16		30	16	28	16	14900	15000	20000
	NK162516			16	25	16			
	NK162616			16	26	16			
17	NK17/16	644903K	21.5	17	25	16	9000	13500	14000
	NK17/20	RNA172520	30	17	25	20	15000	20000	23000
18	NK18/20		30.5	18	26	20	15500	19800	22000
	NK18/16			18	26	16	12500	16200	22000
19	NK19/16			19	27	16	13000	17000	22000
20	NK20/16	644802	25.7	20	28	16	10500	13800	21000
	NK20/20	624802	29.3	20	28	20	11500	21800	21000
	NK202616		20.8	20	26	16	9600	10800	21000
	NK202620			20	26	20	9600	10800	21000
	NKS20		46.8	20	32	20	20000	23000	20000
	NK203312SX		29.1	20	33	12	13000	18000	11000
		6624101	24.3	20	28	25	13000	17500	11000
	RNA4902	4624902	20.5	20	28	13	11000	12900	12000
	RNA6902	6634902	35.4	20	28	23	10800	12800	12000
	NK20/16			20	32	16	13000	25000	12000
	RNA5902			20	28	18			
21	NK21/12			21	29	12			
	NK21/16			21	29	16	13500	18700	21000
	NK21/20			21	29	20			
22	NK22/16	NK223016	29.2	22	30	16	13500	18000	11500
		NK223516	34.6	22	35	16	18600	20800	11500
	NKS22		60.2	22	35	20	21500	25000	17000
	RNA4903	4644903	20.7	22	30	13	12000	16800	16300
	RNA5903			22	30	18			
	RNA6903	6634903	39.8	22	30	23	14000	19900	16300
		624703	53	22	35	25	24500	28000	14100
		634704L	42.5	22	30	30	17700	27000	16500

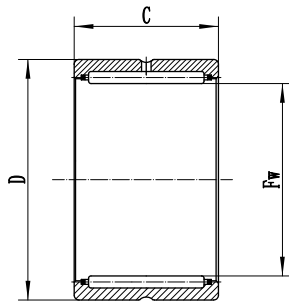


NK, NKS, RNA 49,
RNA 69(FW ≤ 35mm)

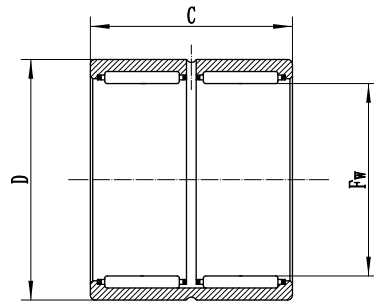


RNA 69(FW ≥ 40mm)

轴径 mm	轴承型号		重量 g	Fw	外形尺寸		基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			D mm	C	动 N	静 N	
22	NK22/20	644704	27.4	22	28	16	10500	15000	16500
		NK223516	49.4	22	35	16	18600	20800	16500
				22	30	20			
23		634704KA	37.5	23	30	30	18600	29000	15000
24	NK24/16 NK24x33.5x7.5			24	32	16			
				24	33.5	7.5			
25	NK25/16	624904	30	25	33	16	12900	20400	15000
	NK25/20	644804	38.4	25	33	20	16800	28500	15000
	RNA4904	4644904	50.8	25	37	17	11900	16500	15000
	RNA6904	6634904	97.7	25	37	30	26000	43000	15000
	NKS25		65	25	38	20	25800	31000	16300
		624704	100.1	25	35	25	14900	22400	16500
	NK25/30	644804K	63	25	33	30	18800	30500	16500
	NK253326			25	33	26			
	NK253422			25	34	22			
	NK253425			25	34	25			
	NK253820			25	38	20			
	NK253825			25	38	25			
	NK254517.5			25	45	17.5			
26	NK26/16		30	26	34	16	15000	23000	16300
	NK26/20		40	26	34	20	17000	30000	16300
27	NK27x40x25			27	40	25			
28	RNA283833		99.8	28	38	33	33000	57000	12000
		F3833	99.8	28	38	33	33000	57000	12000
	NKS28		80	28	42	20	25900	33500	15000
	NK28/20		53	28	37	20	22000	34000	16500
	NK28/30			28	37	30	33000	57000	12000
	RNA69/22	63549/22		28	39	30			
29	NK29/20			29	38	20	21900	34000	15000
	NK29/30			29	38	30	32500	57000	15000
30	NK30/20	644805	57.9	30	40	20	20600	32000	15000
	NK30/30		95	30	40	30	31500	50000	15000
	RNA4905	4624905	57	30	42	17	23600	31500	14000
	RNA6905	6634905	106.5	30	42	30	39000	59000	14000
		624905	68	30	42	20	20000	32000	15000
	NK304013			30	40	13			
	NK304430			30	44	30			
	NK304630			30	46	30			
	NK305017			30	50	17			

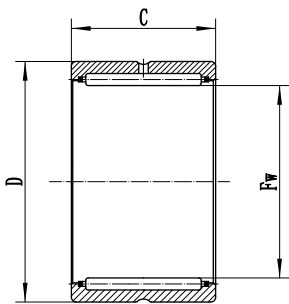


NK, NKS, RNA 49,
RNA 69(FW ≤ 35mm)

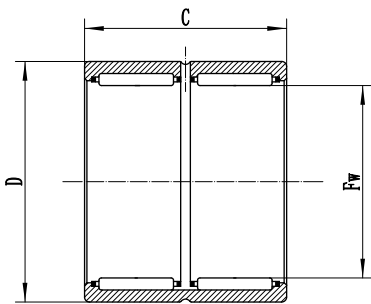


RNA 69(FW ≥ 40mm)

轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	D mm	C	动 N	静	
30	NKS30			30	45	17	32000	40000	14000
	RNA305225			30	52	25			
30.5	NK30.5x50x16			30.5	50	16			
	NK30.5x50x17			30.5	50	17			
31	NK31.75x44.45x31.75			31.75	44.45	22			
32	NK32/20	624705	75.4	32	42	20	22600	33500	15000
	RNA49/28	46449/28K	80	32	45	17	17400	30000	13000
	NAS32		100	32	47	22	31000	40000	13000
	RNA69/28		125	32	45	30	39500	61300	13000
		644906	42	32	38	11	10750	30500	12000
		644706	193	32	50	35	40500	63000	12000
	NKS32		100	32	47	22	31000	40000	12000
	NK32/30			32	42	30	33500	60000	12000
	RNA324527			32	45	27			
34	NK345034			34	50	34			
	NK345035			34	50	35			
35	NK35/20	644806	70	35	45	20	13800	26900	12000
	RNA4906	4624906	62.8	35	47	17	17000	30500	12000
	RNA6906	6634906	116	35	47	30	35000	67000	12000
		644907	161	35	51		43500	71000	12000
	NK354512			35	45	12			
	NK354830			35	48	30			
	NK355034			35	50	34			
	NK355236			35	52	36			
	RNA354527			35	45	27			
	RNA5906		108	35	47	23			
	RNA355730			35	57	30			
	RNA355734			35	57	34			
36	NK365225			36	52	25			
37		624706	154	37	52	22	28500	45500	9000
	NK37/20			37	47	20	24900	43500	12000
	NK37/30			37	47	30	37000	73000	12000
38	NK38/20			38	48	20	25500	45000	12000
	NK38/30			38	48	30	38000	76000	12000
40	NK40/20		78.9	40	50	20	26500	43000	11000
	NK40/30		120	40	50	30	37500	79000	11000
	NK404815			40	48	15			
	NK405530			40	55	30			
	NKS40			40	55	22	38000	54000	11000

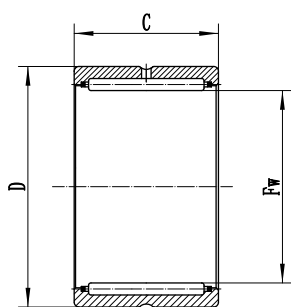


NK, NKS, RNA 49,
RNA 69(FW ≤ 35mm)

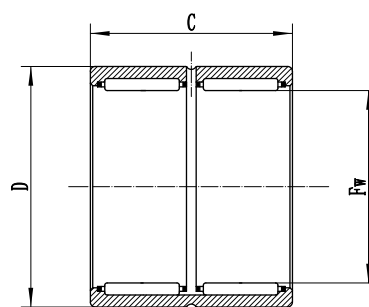


RNA 69(FW ≥ 40mm)

轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	D mm	C	动 N	静	
40	RNA49/32	66349/32	147	40	52	20	25500	68500	8500
	RNA69/32			40	52	36			
	RNA405422			40	54	22			
	RNA40X55X20			40	55	20			
42	NK42/20	4624907	83	42	52	20	23900	45000	10000
	NK42/30		125	42	52	30	27000	49000	10000
	RNA4907		99.3	42	55	20	19800	41500	8700
	RNA5907	6634907 644708	160	42	55	27	26000	60500	8700
	RNA6907		148	42	65	22	31500	51000	8700
	RNA425622			42	56	22			
43	NK43/20		84	43	53	20	25700	75000	10000
	NK43/30		126	43	53	30	39000	75000	10000
45	NK45/20	644808	81.5	45	55	20	19800	46500	7650
		624708	75.3	45	55	22	20500	49600	7650
		46449/38	80	45	58	20	21600	50500	7650
	NK45/30			45	55	30	41000	88000	7650
	NKS45			45	60	22	40500	60000	7650
	RNA456227K			45	62	27			
47	NK47/20			47	57	20	28500	56000	7650
	NK47/30			47	57	30	43000	94000	7650
48	RNA4908	4644908	132	48	62	22	31000	63000	8120
	RNA5908		225	48	62	30	31000	63000	8120
	RNA6908	6634908	238	48	62	40	64000	112000	8120
50	RNA50/25	624708K	167	50	62	25	28000	67000	8140
	RNA50/35		236	50	62	35	32000	70100	8140
			328	50	65	34	40000	62000	8140
	NK50/14	644810		50	64	14	32000	70100	8140
	NK50/15			50	65	15	40000	62000	8140
	NK50/27YA		257	50	67	27			
	NKS50			50	65	22			
52	RNA4909	4624909	163	52	68	22	37000	69500	7600
	RNA5909		232	52	68	30			
	RNA6909	6634909	308	52	68	40	61500	123500	7600
55	NK55/25	624709	167	55	68	25	30600	60800	7600
			210	55	68	25	36000	68000	7600
	NK55/30			55	68	30	48000	63000	7600
	NK55/35			55	68	35	55000	74000	7600

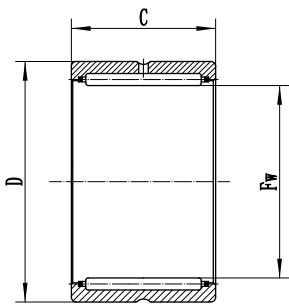


NK, NKS, RNA 49,
RNA 69(FW ≤ 35mm)

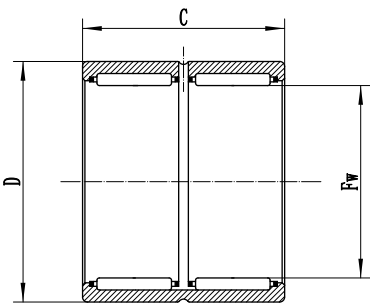


RNA 69(FW ≥ 40mm)

轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	D mm	C	动 N	静	
55	NKS55			55	72	22	45000	74000	7600
58	RNA4910	4644910	161	58	72	22	41000	72000	7500
	RNA6910	6634910	296	58	72	40	68000	135000	7500
60	NK60/25		154	60	72	25	39000	86000	7000
	NK60/35			60	72	35	56000	130000	7000
	NKS60			60	80	28	63000	98000	7000
63	RNA4911	4644911	241	63	80	25	50600	96580	7000
	RNA6911	6634911	430	63	80	45	82560	172000	7000
65	NK65/25			65	78	25	44000	98000	7000
	NK65/35			65	78	35	59000	142000	7000
	NKS65			65	85	28	67000	108000	7000
68	RNA4912	4644912	257	68	85	25	52800	91050	7000
	RNA5912		408	68	85	34			
	RNA6912	6634912	436	68	85	45	88500	186000	7000
	NK68/25			68	82	25	43500	89000	7000
70	NK70/25			70	85	25	44500	92000	6500
	NK70/35			70	85	35	63000	144000	6500
72	RNA4913	4644913	300	72	90	25	57500	110500	6500
	RNA6913	6634913	571	72	90	45	87600	194500	6500
75	NK75/25		315	75	92	25	54000	104000	6000
	NK75/35		445	75	92	35	77000	162000	6000
80	RNA4914	4644914	400	80	100	30	79000	154000	5500
	RNA6914	6634914	815	80	100	54	121000	263000	5500
	NK80/25			80	95	25			
	NK80/35			80	95	35			
85	RNA4915	4644915	472	85	105	30	82000	158000	5500
	RNA5915		745	85	105	40			
	RNA6915	6634915	923	85	105	54	128000	272000	5500
	NK85/25			85	105	25	69000	123000	5500
	NK85/35			85	105	35	98000	193000	5500
90	RNA4916	4644916	496	90	110	30	81000	170500	5000
	RNA6916	6634916	978	90	110	54	130500	280600	5000
	NK90/35			90	110	30	103000	20800	5000
95	NK95/26			95	115	26	73000	137000	4800
	NK95/36			95	115	36	107000	223000	4800
96		SG-421	496	96	115	29	73000	137000	4600
100	RNA4917	4644917	608	100	120	35	98000	207000	4600
	RNA6917	6634917	1112	100	120	63	161000	337000	4600
	NK100/30			100	120	30			

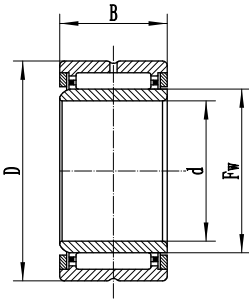


NK, NKS, RNA 49,
RNA 69(FW ≤ 35mm)

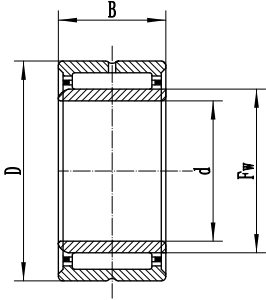


RNA 69(FW ≥ 40mm)

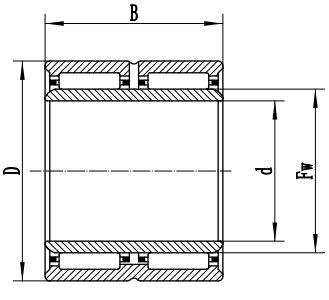
轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	D mm	C	动 N	静 N	
100	NK100/36			100	120	36	111000	237000	4600
105	RNA4918	4644918	713	105	125	35	98500	239000	4000
	RNA6918	6634918	1250	105	125	63	174000	38000	4000
	NK105/26			105	125	26	78000	155000	4000
	NK105/36			105	125	36	114000	250000	4000
110	RNA4919	4644919	685	110	130	35	112000	245000	3870
	RNA6919	6634919	1325	110	130	63	196000	400000	3870
	NK110/30			110	130	30	98000	21000	4200
	NK110/40			110	130	40	127000	29000	4200
115	RNA4920	4624920	1006	115	140	40	120000	264000	3700
	NK115/12			115	140	12			
	NK115/15			115	140	15			
120	NK120/40			120	140	40			
125	RNA4922	6634922	1200	125	150	40	124000	270000	3300
135	RNA4924	4644924	1760	135	165	45	174000	386000	2900
160	RNA4928	4644928	2350	160	190	50	200000	460000	2900



NKI, NKIS(FW ≤ 7mm)

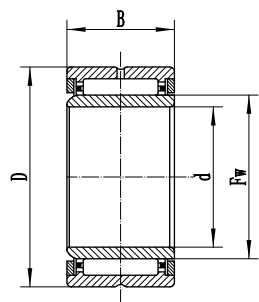


NK($d \geq 12\text{mm}$), NKIS($\geq 8\text{mm}$)
RNA49 NA69 ($d \leq 30\text{mm}$)

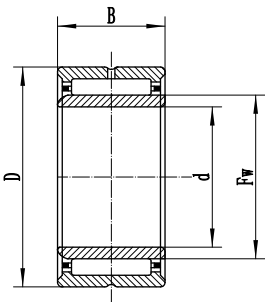


NA 69($d \geq 32\text{mm}$)

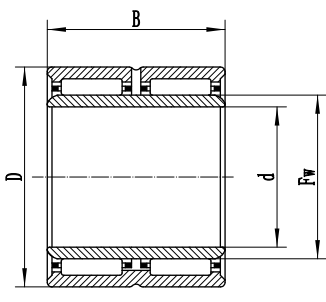
轴径		轴承型号		重量	Fw	外形尺寸			基本额定负荷		极限转速
		现型号	原型号			D	C	B	动	静	
mm				g		mm			N		r/min
5	NA495			7	5		13	10	2670	2350	34000
	NA495TN			7	5		13	10	2670	2350	34000
6	NA496			9	6		15	10	3150	3000	32000
7	NA497			12	7		17	10	3600	3650	30000
8	NKI 8/16				8	14	25	16	12400	11300	21500
	NA498			16	8		19	11	4300	3950	28000
9	NKI 9/12			16.6	9	12	19	12	6200	7000	21700
	NA499			17	9		20	11	4850	4900	26000
	NKI 9/16			21.9	9		19	16			
10	NKI 10/16			27.3	10	14	22	16	9800	10500	19650
	NA4900	4524900		21	10	14	22	13	8000	9000	23700
	NA6900	6534900		38.4	10	14	22	22	9000	11000	23700
12	NA4901	4524901		25.1	12	16	24	13	9000	10800	20000
	NKI 12/20			39	12	16	24	20	14000	18400	21000
	NA6901	6534901		44.5	12	16	24	22	6000	21600	20000
	NKI S12			58	12	18	30	16	16000	17000	20000
	NA12X32X15V				12		32	15			
15	NKI 15/16			38	15	19	27	16	8800	12800	19100
	NKI 15/20			45.7	15	19	27	20	12300	19000	19100
	NA4902	4924902		32	15	20	28	13	6400	9000	18000
	NA6902	6534902		61.6	15	20	28	23	13100	20900	18000
	NKI S15			90	15	22	35	20	23500	24000	17000
	NA5902			52	15	20	28	18			
	NA153212				15		32	12			
16	74802				15		36	25.4			
	NKI S16				16		28	16	13000	17400	22000
	NA16X36X24				16		36	24			
17	NKI 17/16			41.1	17	21	29	16	13000	18200	20000
	NA4903	4544903		32.8	17	22	30	13	7000	10000	17000
	NA6903	6534903		68.2	17	22	30	23	14400	24900	17000
	NA5903			56	17	22	30	18	15200	21700	18000
	NA17				17		37	20			
20	NKI 20/16			48.5	20	24	32	16	10800	17000	16700
	NA4904	4524904		70.2	20	25	37	17	21000	25000	17000
	NKI S20			119	20	28	42	20	28000	35500	15000
	NA6904	6254904			20	25	37	30	36000	51000	17000
	NA5904				20	25	37	23			



NKL, NKIS(FW ≤ 7mm)

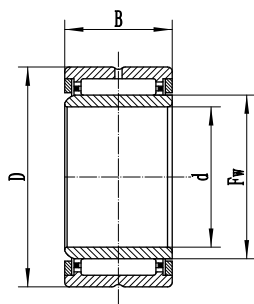


NK(d ≥ 12mm), NKIS(d ≥ 8mm)
RNA49 NA69 (d ≤ 30mm)

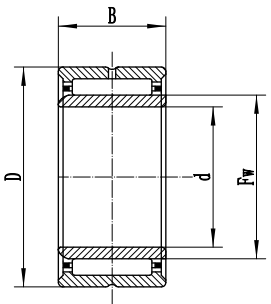


NA 69(d ≥ 32mm)

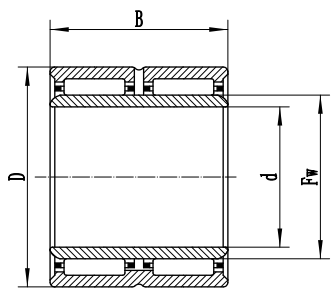
轴径	轴承型号		重量	d	外形尺寸			基本额定负荷		极限转速 油润滑
	现型号	原型号			Fw	D	B	动	静	
mm			g							
22	NK I 22/16		50	22	26	34	16	15300	23600	17000
	NA49/22		76	22	28	39	17	22000	29500	15000
	NA69/22		130	22	28	39	30	37500	55000	15000
	NA223934			22	28	39	34			
23	NA2020			23		42	22			
25	NK I 25/30		115	25	29	38	30	31500	56000	14000
	NA4905	4524905	76	25	30	42	17	23600	31500	14000
	NA6905	6534905	138	25	30	42	30	29000	59000	14000
	NK I S25		160	25	32	47	22	32000	55000	13000
		F-208277		25	32	47	22			
	NK I 25/20			25	29	38	20	21900	34000	15000
	NA5905		139	25	30	42	23	30500	43000	13000
28	NA49/28	45449/28	98	28	32	45	17	24000	33500	14000
	NA69/28		170	28	32	45	30	40500	63000	14000
	NK I 28/20			28	32	42	20	23000	37500	14000
30	NA4906	4544906	115	30	35	47	17	25000	35500	13000
	NA5906	6534906	152	30	35	47	23			
	NA6906			30	35	47	30	43500	71000	13000
	NK I 30/20			30	35	45	20	24000	42500	13000
	NK I 30/30			30	35	45	30	36500	69000	13000
32	NK132/20			32	37	47	20	24900	43900	12000
		TAF I 324720		32	37	47	20	24900	43500	12000
	NA49/32	45449/32	150	32	40	52	20	24900	43500	12000
	NA69/32	66349/32	272	32	40	52	36	100000	100000	11000
35	NK I 35/30		165	35	40	50	30	39000	79000	11000
	NA4907	4524907	151	35	42	55	20	19800	41500	11000
	NA6907	6534907	301	35	42	55	36	26000	60500	11000
	NK I S35		220	35	43	58	22	33000	56000	9500
	NA5907		256	35	42	55	27			
40	NK I 40/20		124	40	45	55	20	22000	48000	10000
	NK I 40/30		184	40	45	55	30	35000	86000	10000
	NA4908	4544908	240	40	48	62	22	42000	65000	8500
	NA6908		401	40	48	62	40	64000	112000	8500
	NA5908		348	40	48	62	30	53000	92500	8500
	NK I 42/20		138	40	47	57	20	26000	52500	9500
42	NK I 45/25		218	42	50	62	25	36000	70000	8500
	NK I 45/35		289	42	50	62	35	41500	102000	8500



NKI, NKIS(FW ≤ 7mm)

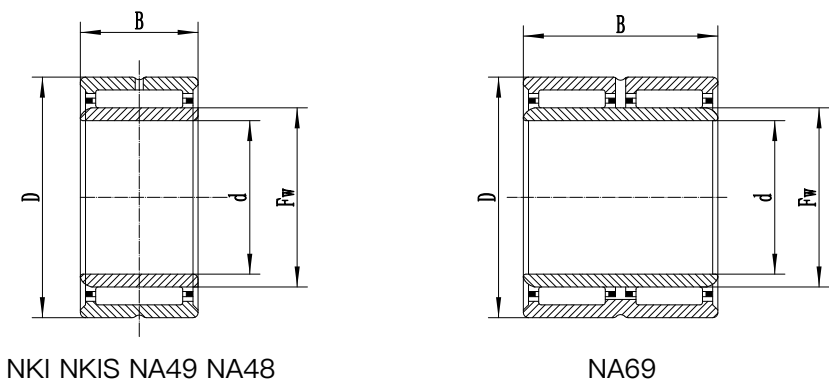


NK(d ≥ 12mm), NKIS(≥ 8mm)
RNA49 NA69 (d ≤ 30mm)

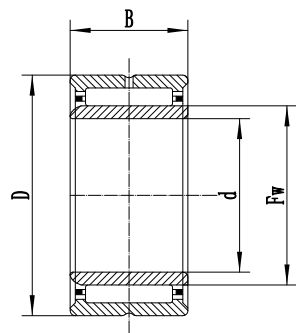


NA 69(d ≥ 32mm)

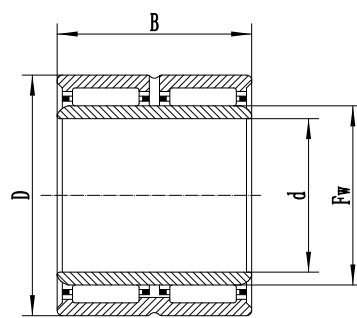
轴径 mm	轴承型号		重量 g	d	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			Fw mm	D	B	动	静 N	
45	NA4909	4544909	260	45	50	68	22	37000	96500	8000
	NA6909	6534909	479	45	50	68	40	61500	123500	8000
	NK1S45		306	45	55	72	22	43000	71000	7500
	NA5909		396	45	50	68	30			



轴径 mm	轴承型号		重量 g	d	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			Fw mm	D	B	动 N	静	
50	NKI 50/25	TAFI506825	262	50	55	68	25	32000	78000	7500
	NA4910	4544910	264	50	58	72	22	41000	72000	7500
	NA5910			50	58	72	30			
	NA6910	6534910	457	50	58	72	40	68000	135000	7500
	NKIS50		510	50	60	80	28	60000	95000	7500
	NKI 50/35	TAFI506835		50	55	68	35	53000	118000	7500
55	NKI 55/35		357	55	60	72	35	48000	126800	7500
	NA4911	4544911	386	55	63	80	25	50600	96580	7500
	NA5911			55	63	80	34			
	NA6911	6534911	790	55	63	80	45	82560	172000	7500
60	NKI 60/25		388	60	68	82	25	35500	85000	7000
	NA4912	4544912	412	60	68	85	25	52800	110500	6500
	NA5912		614	60	68	85	34			
	NA6912	6534612	798	60	68	85	45	88500	186000	6500
	NKIS60		550	60	70	90	28	65000	110000	6500
65	NA4913	4544913	435	65	72	90	25	57500	110500	6500
	NA6913	6534913	821	65	72	90	45	87600	194500	6500
	NKI 65/25			65	73	90	25	53000	100000	6500
	NKI 65/35			65	73	90	35	75000	156000	6500
70	NA4914	4544914	712	70	80	100	30	79000	154000	5500
	NA6914	6534914	1326	70	80	100	54	121000	263000	5500
	NKI 70/35			70	80	95	35	78000	184000	5500
75	NA4915	4544915	765	75	85	105	30	82000	158000	5500
	NA5915		1130	75	85	105	40			
	NA6915	6534915	1429	75	85	105	54	128000	272000	5500
80	NA4916	4544916	870	80	90	110	30	81000	170500	5500
	NA6916	6534916	1510	80	90	110	54	130500	280600	5000
	NKI 80/35			80	90	110	35	103000	208000	5000
85	NKI 85/26			85	95	115	26	73000	137000	4800
	NKI 85/36		1040	85	95	115	36	107000	223000	4800
	NA4917	4544917	1250	85	100	120	35	111000	237000	4600
	NA6917	6534917	2200	85	100	120	63	166000	400000	4600



NKI NKIS NA49 NA48



NA69

轴径 mm	轴承型号		重量 g	d	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			Fw mm	D	B	动	静	
90	NKI 90/26			90	100	120	26	26000	146000	4600
	NA4918	4544918	1312	90	105	125	35	114000	250000	4600
	NA6918	6534918	2310	90	105	125	63	172000	425000	4600
95	NA4919	4544919	1371	95	110	130	35	116000	260000	4200
	NA6919	6534919	2500	95	110	130	63	174000	440000	4200
	NKI 95/26			95	105	125	26	78000	115000	4200
	NKI 95/36			95	105	125	36	114000	250000	4200
100	NA4920	4544920	1900	100	115	140	40	12000	274000	4000
	NKI 100/30			100	110	130	30	98000	210000	4000
110	NA4922	4544922	2070	110	125	150	40	132000	290000	3700
	NA4822		1080	110	120	140	30	94000	216000	3900
120	NA4924	4544924	2860	120	135	165	45	181000	890000	3400
	NA4824		1170	120	130	150	30	99000	239000	3600
130	NA4926	4544926	3900	130	150	180	50	223000	470000	3100
	NA4826		1810	130	145	165	35	118000	310000	3200
140	NA4928	4544928	4150	140	160	190	50	209000	500000	2900
	NA4828		1920	140	155	175	35	120000	325000	3000
150	NA4830		2720	150	165	190	40	152000	400000	2800
160	NA4832		2890	160	175	200	40	160000	435000	2700
170	NA4834		3960	170	185	215	45	185000	510000	2500
180	NA4836		4200	180	195	225	45	194000	550000	2400
190	NA4838		5600	190	210	240	50	227000	690000	2300
200	NA4840		5840	200	220	250	50	230000	720000	2200
220	NA4844		6380	220	240	270	50	243000	790000	2000
240	NA4848		10000	240	265	300	60	355000	1080000	1800
260	NA4852	4524852	11300	260	285	320	60	37000	1160000	1700

无内圈或有内圈带密封圈滚针轴承

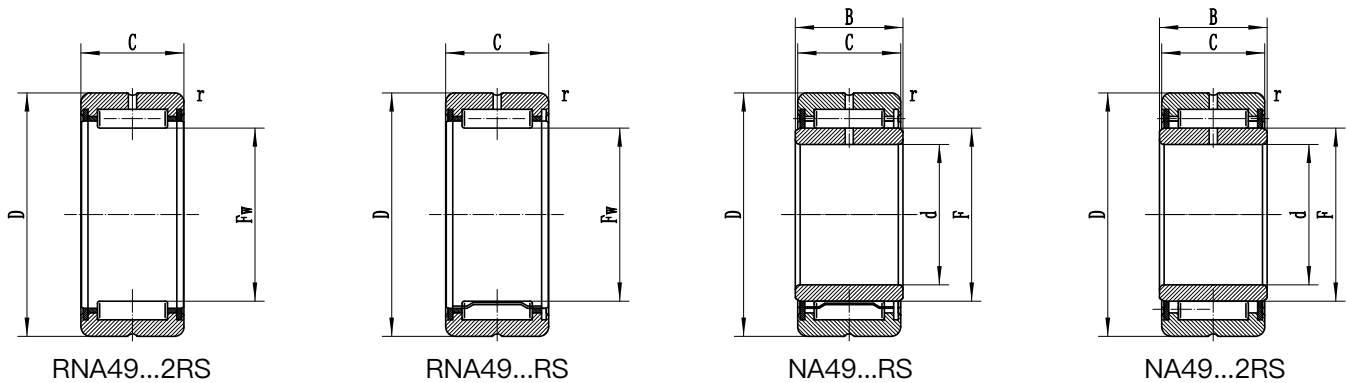
Seal Ring Needle Roller Bearings With Inner Ring or Without Inner Ring

无内圈或有内圈带密封圈滚针轴 RNA...RS、RNA...2RS；NK...RS、NK...2RS；NA...RS、NA...2RS；NKI...RS、NKI...2RS 型

无内圈或有内圈带密封圈滚针轴承是实体套圈滚针轴承采用单侧或双侧带合成橡胶密封圈，确保长期润滑作用。

Including the models of RNA...RS, RNA...2RS, NK...RS, NK...2RS; NA...RS, NA...2RS; NKI...RS, NKI... 2RS
The seal ring needle roller with inner ring or without inner ring is the solid collar needle roller bearing equipped with single side or double side synthetic rubber seal ring to ensure long-term lubricating function.





轴径 mm	轴承型号		重量 g	d	Fw/F	外形尺寸			基本额定负荷 动 N	静	极限转速 油润滑 r/min
	现型号	原型号				D	C	B			
						mm					

无内圈 without IR

14	RNA4900RS	RNA4900-2RS	16		14	22	13		4560	4660	13000
16	RNA4901RS	RNA4901-2RS	18		16	24	13		4950	5800	12000
20	RNA4902RS	RNA4902-2RS	21.5		20	28	13		5980	9500	10000
22	RNA4903RS	RNA4903-2RS	23		22	30	13		6050	10100	9000
25	RNA4904RS	RNA4904-2RS	56		25	37	17		14900	17500	7500
30	RNA4905RS	RNA4905-2RS	60		30	42	17		16300	21500	6500
35	RNA4906RS	RNA4906-2RS	69		35	47	17		20050	24900	5500
42	RNA4907RS	RNA4907-2RS	107		42	55	20		22500	37000	4800
48	RNA4908RS	RNA4908-2RS	154		48	62	22		33050	50900	4200
52	RNA4909RS	RNA4909-2RS	157		52	68	22		34800	56800	3900
58	RNA4910RS	RNA4910-2RS	160		58	72	22		37800	61500	3500

有内圈

10	NA4900RS	NA4900-2RS	24.5	10	14	22	13	14	4560	4660	13000
12	NA4901RS	NA4901-2RS	27.5	12	16	24	13	14	4950	5800	12000
15	NA4902RS	NA4902-2RS	37	15	20	28	13	14	5980	9500	10000
17	NA4903RS	NA4903-2RS	40	17	22	30	13	14	6050	10100	9000
20	NA4904RS	NA4904-2RS	80	20	25	37	17	18	14900	17500	7500
25	NA4905RS	NA4905-2RS	89.5	25	30	42	17	18	16300	21500	6500
30	NA4906RS	NA4906-2RS	104	30	35	47	17	18	20050	24900	5500
35	NA4907RS	NA4907-2RS	175	35	42	55	20	21	22500	37000	4800
40	NA4908RS	NA4908-2RS	252	40	48	62	22	23	33050	50900	4200
45	NA4909RS	NA4909-2RS	290	45	52	68	22	23	34800	56800	3900
50	NA4910RS	NA4910-2RS	295	50	58	72	22	23	37800	61500	3500
55	NA4911RS	NA4911-2RS		55		80	24	25			
60	NA4912RS	NA4912-2RS		60		85	25	26			
70	NA4914RS	NA4914-2RS		70		100	31	32			

69系列

12	NA6901-2RS	RNA6901-2RS		12	16	24	22	23			
17	NA6903-2RS	RNA6903-2RS		17	22	30	23	24			
20	NA6904-2RS	RNA6904-2RS		20	25	37	30	31			
25	NA6905-2RS	RNA6905-2RS		25	30	42	30	31			
40	NA6908-2RS	RNA6908-2RS		40	48	62	40	41			

有内圈或无内圈满装滚针 NAV、RNAV 型

Model NAV, RNAV Full Complement Needle Roller Bearing With or Without Inner Ring

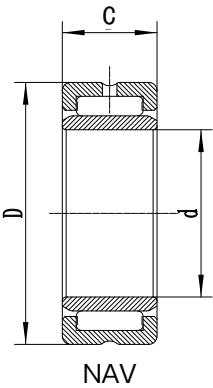
有内圈满装滚针轴承该种轴承外圈有油孔，可以从外圈油孔中供油润滑，并带双挡边，内圈无挡边，无保持架，可分别安装内圈、外圈及满装滚针。无内圈满装滚针轴承适用于径向尺寸受限制的部件中，由于无内圈，与配合的轴颈表面直接作为滚动面，要求其表面硬度不低于 HRC60, 表面粗糙度 Ra 值不大于 $0.63\mu\text{m}$ ，有内圈或无内圈满装滚针轴承该种轴承不限制轴或外壳的轴向位移。

该种轴承由于没有保持架，滚针在旋转时缺少精确地引导，相互摩擦也较大，轴承的极限转速低。

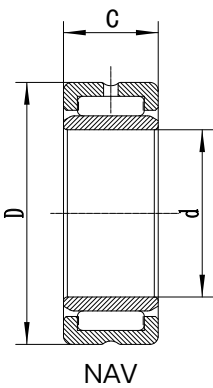
As for the full complement needle roller bearing with inner ring, the outer ring has the oil hole. The lubricating oil can be fed in from the oil hole. The outer ring has the double shoulders. As for the full complement needle roller bearing without inner ring, since the inner ring has no shoulder and cage, the inner ring, outer ring, complete set of needles can be mounted respectively. It is suitable for parts of which the radial size is limited. The surface of shaft journal fitted with it is acted directly as rolling surface. It is requested that the surface hardness be no less than HRC60, surface roughness, no more than $0.63\mu\text{m}$. This kind of full complement bearing, with inner ring or without inner ring, does not limit the axial shift of shaft and housing.

Since this kind of bearing has no cage, the needles rotate without correct guiding, they rub heavily against each other and the bearing has the low limiting rotational speed.





轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		d	D mm	C	动 N	静 N	
15	NAV4902	4074902E		15	28	13			
	NAV4002	4074102	76	15	32	17	10800	29800	4500
		74802	100	15	36	24.5	8900	11200	4400
17	NAV4903	4074903E		17	30	13			
	NAV4003	4074103	98	17	35	18	12000	17000	3400
		74703	126	17	35	24.5	8700	10800	4200
20	NAV4904	4074904E		20	37	17			
	NAV4004	4074104	175	20	42	22	14500	29600	3000
	NAV203620.5			20	36	20.5			
	NAV204			20	47	14			
24	NAV24668.1			24	66	8.1			
25	NAV4905	4074905E		25	42	17			
	NAV4005	4074105	201	25	47	22	23000	34600	2600
	NAV205			25	52	15			
30	NAV4906	4074906E		30	47	17			
	NAV4006	4074106	311	30	55	25	25800	46900	2000
35	NAV4907	4074907E		35	55	20			
	NAV4007	4074107	418	35	62	27	33000	59900	1800
40	NAV4908	4074908E		40	62	22			
	NAV4008	4074108	498	40	68	28	35900	67000	1700
45	NAV4909	4074909E		45	68	22			
	NAV4009	4074109	637	45	75	30	41000	74000	1500
50	NAV4910	4074910E		50	72	22			
	NAV4010	4074110	702	50	80	30	42800	88900	1400
55	NAV4911	4074911	1030	55	90	35	48900	109000	1300
60	NAV4912	4074912E		60	85	25			
	NAV4012	4074112	1125	60	95	35	50700	116000	1100
65	NAV4013	4074113	1200	65	100	35	59800	126000	1000
70	NAV4914	4074914E		70	100	30			
	NAV4014	4074114	1700	70	110	40	72400	155000	950
75	NAV4015	4074115	1810	75	115	40	7280	1800	900
80	NAV4916	4074916E		80	110	30			
	NAV4016	4074116	2470	80	125	45	76000	195000	850
85	NAV4017	4074117	2580	85	130	45	74000	192000	800
90	NAV4918	4074918E	1507	90	125	35			
95	NAV4919	4074919E	1537	95	130	35			
100	NAV4920	4074920E	2240	100	140	40			
160	NAV4832	4074832		160	200	40			
190	NAV190x245x42			190	245	42			



轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		d	D	C	动	静 N	
20	RNAV4902	4084902E		20	28	13	10800	29800	4500
21. 87	RNAV4002	4084102	45	21. 87	32	17			
22	RNAV4903	4084903E		22	30	13			
24. 3	RNAV4003	4084103	62	24. 3	35	18	17900	37900	4300
25	RNAV4904	4084904E		25	37	17			
28. 7	RNAV4004	4084104	114	28. 7	42	22	28150	60900	3900
30	RNAV4905	4084905E		30	42	17			
33. 5	RNAV4005	4084105	129	33. 5	47	22	33800	70800	3700
35	RNAV4906	4084906E		35	47	17			
40. 1	RNAV4006	4084106	193	40. 1	55	25	49900	96500	3500
42	RNAV4907	4084907E		42	55	20			
45. 9	RNAV4007	4084107	259	45. 9	62	27	47600	122800	3100
48	RNAV4908	4084908E		48	62	22			
51. 6	RNAV4008	4084108	304	51. 6	68	28	49900	137900	2700
52	RNAV4909	4084909E		52	68	22			
57. 4	RNAV4009	4084109	390	57. 4	75	30	52500	153500	2600
58	RNAV4910	4084910E		58	72	22			
62. 1	RNAV4010	4084110	426	62. 1	80	30	55700	166000	2500
69. 8	RNAV4011	4084111	645	69. 8	90	35	68500	225800	2300
68	RNAV4912	4084912E		68	85	25			
74. 6	RNAV4012	4084112	677	74. 6	95	35	75400	239000	2100
80. 3	RNAV4013	4084113	692	80. 3	100	35	79500	256900	1900
80	RNAV4914	4084914E		80	100	30			
88	RNAV4014	4084114	950	88	110	40	98800	354900	1700
93. 7	RNAV4015	4084115	1000	92. 7	115	45	101800	372900	1600
90	RNAV4916	4084916E		90	110	30			
100. 3	RNAV4016	4084116	1400	100. 3	125	45	102900	373500	1500
104. 8	RNAV4017	4084117	1540	104. 8	130	45	103800	374800	1400
105	RNAV4918	4084918E		105	125	35			
110	RNAV4919	4084919E		110	130	35			
115	RNAV4920	4084920E		115	140	40			

内圈 IR、LR

Inner Ring IR、LR

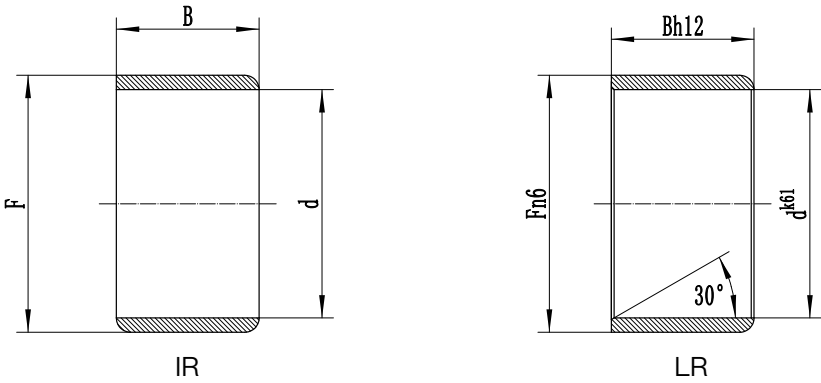
内圈用作滚动轴承的滚道，在与滚针轴承配合使用时为普通游隙，并且具有互换性。IR 系列内圈均经过热处理并进行精密加工。LR 系列内圈均经过热处理和磨削，但端面倒角不磨削。

本公司亦可生产普通和高精度的内圈，并生产各类英制系列内圈。

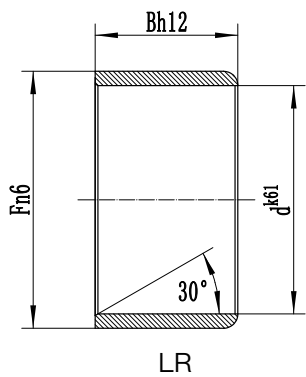
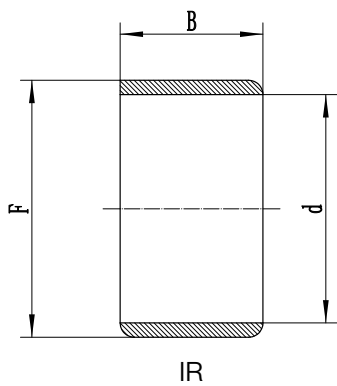
The inner ring is used as the rollway of roller bearing. It is the common free gap when it is used in combination with needle roller bearing and has the changeability. Series IR inner ring is machined with precision machining after heat treatment. Series LR inner ring is ground after heat treatment. The chamfer in end face is not ground.

The common and high-precision inner rings can be produced in our company. All inch-system inner rings can be provided.

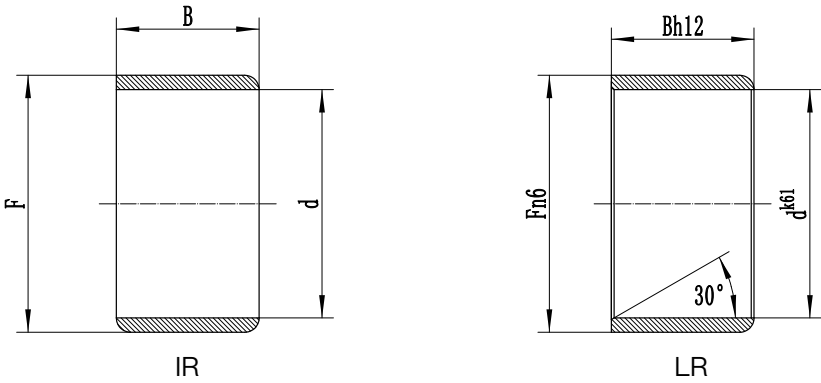




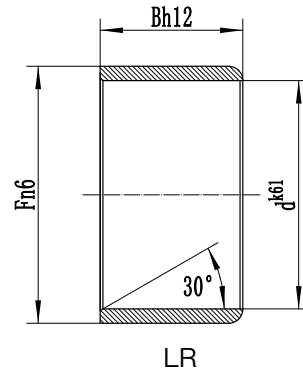
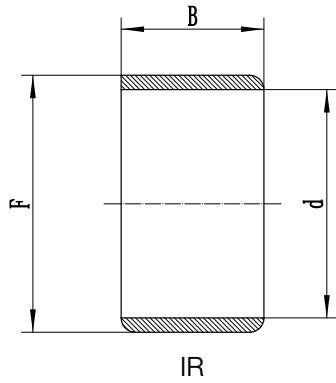
轴径 mm	轴承型号	重量 g	d	外形尺寸	
				F mm	B
5	IR5X8X12	2.79	5	8	12
	IR5X8X16	3.75	5	8	16
6	IR6X9X12	3.17	6	9	12
	IR6X9X16	4.3	6	9	16
	IR6X10X10	3.7	6	10	10
	IR6X10X12	4.6	6	10	12
7	IR7X10X10.5	3.09	7	10	10.5
	IR7X10X12	3.61	7	10	12
	IR7X10X15.5		7	10	15.5
	IR7X10X16	4.9	7	10	16
7.8	IR7.8X12.2X10.7		7.8	12.2	10.7
8	IR8X12X10	4.8	8	12	10
	IR/LR8X12X10.5	5	8	12	10.5
	IR8X12X12	5.7	8	12	12
	IR/LR8X12X12.5	5.9	8	12	12.5
	IR8X12X15.5		8	12	15.5
	IR8X12X16		8	12	16
	IR8X12X5.5		8	12	5.5
	IR8X13X39		8	13	39
9	IR9X12X7		9	12	7
	IR9X12X12	4.5	9	12	12
	IR9X12X12.5		9	12	12.5
	IR9X12X16	6.1	9	12	16
	IR9X16X16		9	16	16
10	IR10X13X12		10	13	12
	IR/LR10X13X12.5	5.2	10	13	12.5
	IR10X14X10.5		10	14	10.5
	IR10X14X12	7.3	10	14	12
	IR10X14X13	7.4	10	14	13
	IR10X14X14	8	10	14	14
	IR10X14X16	9.2	10	14	16
	IR10X14X16.5		10	14	16.5
	IR10X14X20	11.6	10	14	20
	IR10X14X20.5		10	14	20.5
	IR10X15X13		10	15	13
	IR10X15X13.5		10	15	13.5
	IR10X15X20.5		10	15	20.5
	IR10X15X25.5		10	15	25.5
	IR10X16X14		10	16	14



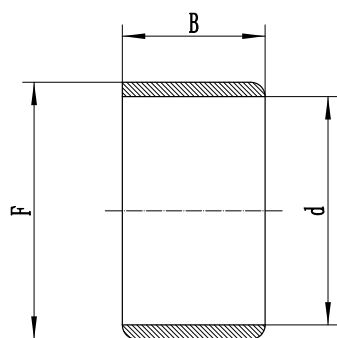
轴径 mm	轴承型号	重量 g	d	外形尺寸	
				F mm	B
10	IR10X16X15		10	16	15
	IR10X16X16		10	16	16
	IR10X17X15		10	17	15
	IR10X20X20.5		10	20	20.5
	IR10X20X30.5		10	20	30.5
12	IR12X14X15.5		12	14	15.5
	IR12X15X12	5.8	12	15	12
	IR/LR12X15X12.5	6.1	12	15	12.5
	IR12X15X16	8	12	15	16
	IR/LR12X15X16.5	8.1	12	15	16.5
	IR/LR12X15X22.5	11	12	15	22.5
	IR12X15X16.5		12	15	16.5
	IR 12X15X16		12	15	16
	IR12X15X19		12	15	19
	IR12X15X22.5		12	15	22.5
	IR12X16X12	7.9	12	16	12
	IR12X16X12		12	16	12
	IR12X16X12.5		12	16	12.5
	IR12X16X13	8.7	12	16	13
	IR12X16X14	9.5	12	16	14
	IR12X16X14.5		12	16	14.5
	IR12X16X15		12	16	15
	IR12X16X16	11	12	16	16
	IR12X16X16		12	16	16
	IR12X16X16.5		12	16	16.5
	IR12X16X17		12	16	17
	IR12X16X20	13.5	12	16	20
	IR12X16X20.5		12	16	20.5
	IR12X16X22		12	16	22
	IR12X16X22.5		12	16	22.5
	IR12X16X23.5		12	16	23.5
	IR12X17X15.5		12	17	15.5
	IR12X17X20		12	17	20
	IR12X17X20.5		12	17	20.5
	IR12X17X22.5		12	17	22.5
	IR12X17X25.5		12	17	25.5
13	IR13X16X20.5		13	16	20.5
14	IR14X16X16		14	16	16
	IR14X17X17	10	14	17	17



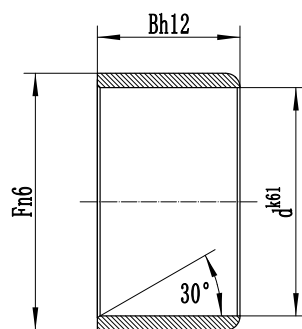
轴径 mm	轴承型号	重量 g	d	外形尺寸	
				F mm	B
14	IR14X25X30		14	25	30
	IR15X18X12.5	7.2	15	18	12.5
15	IR15X18X15.5		15	18	15.5
	IR15X18X16	9.6	15	18	16
	IR15X18X16.5	9.9	15	18	16.5
	IR15X18X17.5		15	18	17.5
	IR15X18X20.5		15	18	20.5
	IR15X19X10		15	19	10
	IR15X19X13.5		15	19	13.5
	IR15X19X16	12.8	15	19	16
	IR15X19X16.5		15	19	16.5
	IR15X19X20	16.4	15	19	20
	IR15X19X20.5		15	19	20.5
	IR15X20X12	12.1	15	20	12
	IR15X20X13	13.5	15	20	13
	IR15X20X14	14.7	15	20	14
	IR15X20x14 fI		15	20	14
	IR15X20X15		15	20	15
	IR15X20X15.5		15	20	15.5
	IR15X20X16		15	20	16
	IR15X20X18		15	20	18
	IR15X20X20		15	20	20
	IR15X20X20.5		15	20	20.5
	IR15X20X23	24.4	15	20	23
	IR15X20X25.5		15	20	25.5
	IR15X20X30.5		15	20	30.5
16	IR16X20X14		16	20	14
	IR16X20X16		16	20	16
	IR16X20X20		16	20	20
	IR16X20X32		16	20	32
	IR16X24X20		16	24	20
17	IR17X20X16	10.7	17	20	16
	IR17X20X16.5	11.1	17	20	16.5
	IR17X20X20	13.5	17	20	20
	IR17X20X20.5	13.8	17	20	20.5
	IR17X20X30		17	20	30
	IR17X20X30.5	20.6	17	20	30.5
	IR17X21X16	14.3	17	21	16
	IR17X21X16.5		17	21	16.5



轴径 mm	轴承型号	重量 g	d	外形尺寸	
				F mm	B
17	IR17X21X20	18	17	21	20
	IR17X21X20.5		17	21	20.5
	IR17X22X13	14.9	17	22	13
	IR17X22X14	16.4	17	22	14
	IR17X22X15.5		17	22	15.5
	IR17X22X16	18.7	17	22	16
	IR17X22X20.5		17	22	20.5
	IR17X22X23	27.1	17	22	23
	IR17X22X26		17	22	26
	IR17X22X32		17	22	32
	IR17X22X20	33.6	17	24	20
18	IR18X22X17.8		18	22	17.8
	IR18X22X19		18	22	19
20	IR20X24X16	16.5	20	24	16
	IR20X24X16.5		20	24	16.5
	IR20X24X28.5		20	24	28.5
	IR20X25X10.5		20	25	10.5
	IR20X25X12.5	20	20	25	12.5
	IR20X25X15.5		20	25	15.5
	IR20X25X17	22.4	20	25	17
	IR20X25X18	24.3	20	25	18
	IR20X25X20	27.5	20	25	20
	IR20X25X20.5	28.2	20	25	20.5
	IR20X25X23		20	25	23
	IR20X25X25		20	25	25
	IR20X25X25.5		20	25	25.5
	IR20X25X26		20	25	26
	IR20X25X26.5	36.1	20	25	26.5
	IR20X25X30	40.9	20	25	30
	IR20X25X30.5		20	25	30.5
	IR20X25X32		20	25	32
	IR20X25X32A		20	25	32
	IR20X25X320H		20	25	32
	IR20X25X38.5	52.5	20	25	38.5
	IR20X26X16		20	26	16
	IR20X26X20		20	26	20
	IR20X28X20	45.2	20	28	20
	IR20X30X30		20	30	30
22	IR22X26X20	23.2	22	26	20

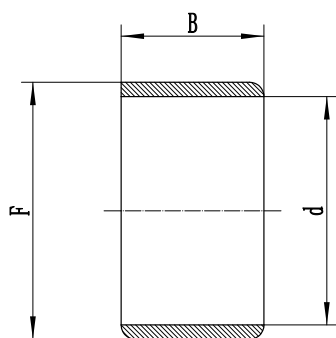


IR

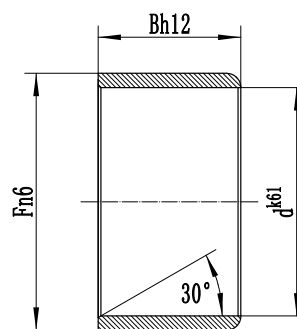


LR

轴径 mm	轴承型号	重量 g	d	外形尺寸	
				F mm	B
22	IR22X26X16	17.5	22	26	16
	IR22X26X20.5		22	26.5	20.5
	IR22X28X17	29.8	22	28	17
	IR22X28X20	35	22	28	20
	IR22X28X20.5	36	22	28	20.5
	IR22X28X30		22	28	30
	IR22X28X30.5		22	28	30.5
	IR22X28X20.5		22	28	20.5
	IR22X28X30		22	28	30
	IR22X31.5X19.8		22	31.5	19.8
	IR22X32X20		22	32	20
25	IR25X29X20	25.5	25	29	20
	IR25X29X20.5		25	29	20.5
	IR25X29X30	39.3	25	29	30
	IR25X29X30.5		25	29	30.5
	IR25X29X40		25	29	40
	IR25X30X12.5		25	30	12.5
	IR25X30X15.5	20	25	30	15.5
	IR25X30X16	26	25	30	16
	IR25X30X16		25	30	16
	IR25X30X16.5	26.7	25	30	16.5
	IR25X30X16		25	30	16
	IR25X30X17	27.5	25	30	17
	IR25X30X18	29.8	25	30	18
	IR25X30X20	32.6	25	30	20
	IR25X30X20.5	33.5	25	30	20.5
	IR25X30X22		25	30	22
	IR25X30X25.5		25	30	25.5
	IR25X30X26		25	30	26
	IR25X30X26.5	43.3	25	30	26.5
	IR25X30X30	50.1	25	30	30
	IR25X30X30.5		25	30	30.5
	IR25X30X32	53	25	30	32
	IR25X30X32.5		25	30	32.5
	IR25X30X38		25	30	38
	IR25X30X38.5	63.8	25	30	38.5
	IR25X32X22	51.7	25	30	22
28	IR28X32X17	24.5	28	32	17
	IR28X32X20	28.4	28	32	20

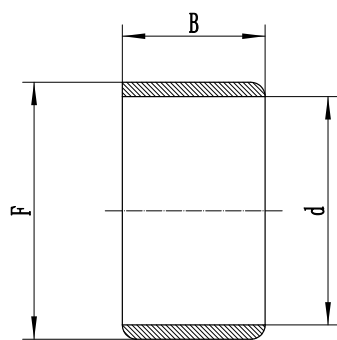


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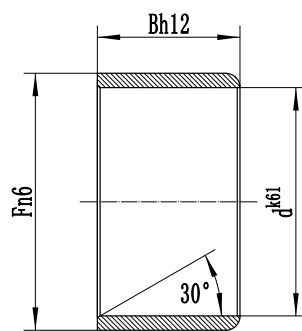


LR

轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
28	IR28X32X23	43.8	28	32	23
	IR28X32X30		28	32	30
	IR28X32X30.5		28	32	30.5
	IR28X32X47		28	32	47
29	IR29X32X13	14.8	29	32	13
	IR29X35X26		29	35	26
30	IR30X35X12.5	23.3	30	35	12.5
	IR30X35X13	25	30	35	13
	IR30X35X15.5	30.8	30	35	15.5
	IR30X35X16		30	35	16
	IR30X35X17		30	35	17
	IR30X35X18		30	35	18
	IR30X35X20	40	30	35	20
	IR30X35X20.5	40.7	30	35	20.5
	IR30X35X25.5	50.3	30	35	25.5
	IR30X35X26		30	35	26
	IR30X35X30		30	35	30
	IR30X35X30.5		30	35	30.5
	IR30X35X32	50	30	35	32
	IR30X37X18		30	37	18
	IR30X37X22		30	37	22
	IR30X37X22A		30	37	22.1
	IR30X38X20	64.8	30	38	20
	IR30X38X20A		30	38	20
	IR30X38X20AS I		30	38	20
	IR30X40X17		30	40	17
32	IR32X34X20.5	42	32	34	20.5
	IR32X37X20		32	37	20
	IR32X37X20.5		32	37	20.5
	IR32X37X30	62.7	32	37	30
	IR32X38X20.5		32	38	20.5
	IR32X38X30.5		32	38	30.5
	IR32X40X20	68	32	40	20
	IR32X40X36	124	32	40	36
	IR32X40X36A1		32	40	36
33	IR33X37X13	21.9	33	37	13
34	IR34X42X20	27.2	34	42	20
35	IR35X40X12.5		35	40	12.5
	IR35X40X15		35	40	15

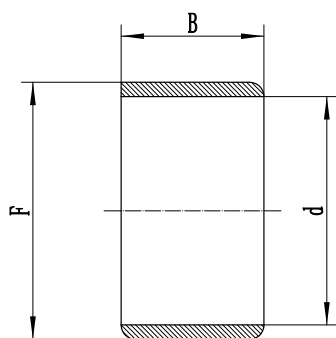


IR

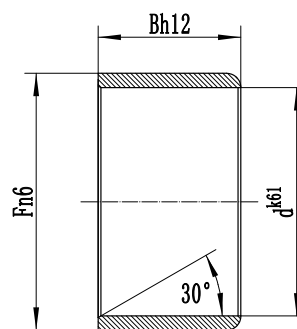


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轴径 mm	轴承型号	重量 g	d	外形尺寸	
				F mm	B
35	IR35X40X15.5		35	40	15.5
	IR35X40X16.5	37.4	35	40	16.5
	IR35X40X17	38.3	35	40	17
	IR35X40X20	44.4	35	40	20
	IR35X40X20.5	46.1	35	40	20.5
	IR35X40X21		35	40	21
	IR35X40X25		35	40	25
	IR35X40X25.5		35	40	25.5
	IR35X40X30	67.9	35	40	30
	IR35X40X30.5		35	40	30.5
	IR35X40X34		35	40	34
	IR35X40X40		35	40	40
	IR35X42X20	63.9	35	42	20
	IR35X42X20.5	66	35	42	20.5
	IR35X42X21	67.7	35	42	21
	IR35X42X23	74	35	42	23
	IR35X42X36	117	35	42	36
	IR35X42X37		35	42	37
	IR35X43X22	82	35	43	22
	IR35X65X28		35	65	28
36	IR36.2X50X25.5		36	50	25.5
38	IR38X43X20	48.1	38	43	20
	IR38X43X30	73.6	38	43	30
	IR38X45X46		38	45	46
40	IR40X45X12		40	45	12
	IR40X45X16		40	45	16
	IR40X45X16.5	41.4	40	45	16.5
	IR40X45X17	42.5	40	45	17
	IR40X45X20	50.5	40	45	20
	IR40X45X20.5	52.5	40	45	20.5
	IR40X45X22.5		40	45	22.5
	IR40X45X25		40	45	25
	IR40X45X25.5		40	45	25.5
	IR40X45X30	77.1	40	45	30
	IR40X45X30.5		40	45	30.5
	IR40X45X34		40	45	34
	IR40X45X40		40	45	40
	IR40X45X40.5		40	45	40.5
	IR40X45X40ASI		40	45	40

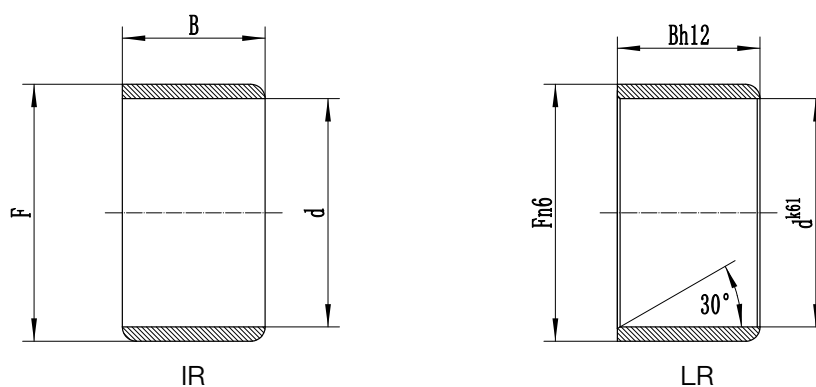


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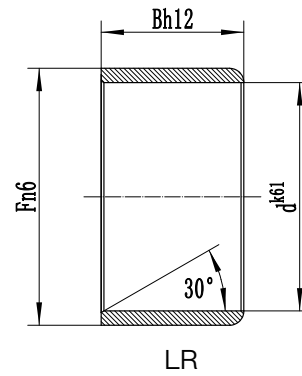
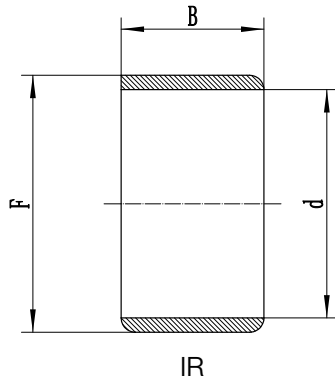


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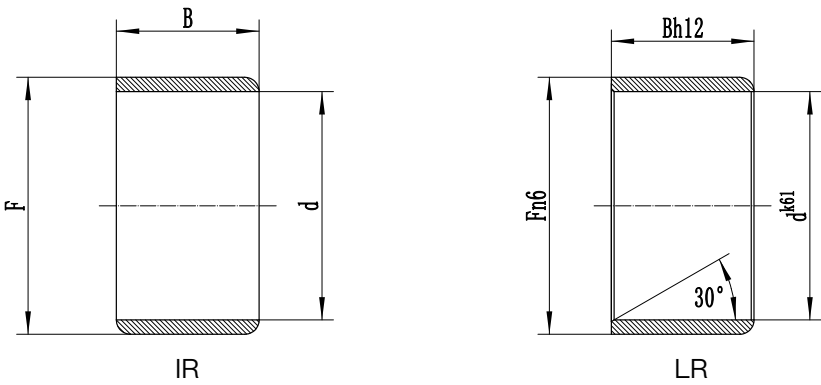
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
40	IR40X48X22		40	48	22
	IR40X48X23		40	48	23
	IR40X48X30		40	48	30
	IR40X48X40		40	48	40
	IR40X49.5X40		40	49.5	40
	IR40X50X20.5		40	50	20.5
	IR40X50X20		40	50	20
	IR40X50X22		40	50	22
	IR40X50X35		40	50	35
	IR40X55X17		40	55	17
42	IR42X47X20		42	47	20
	IR42X47X30		42	47	30
44	IR44X52X32		44	52	32
45	IR45X50X14		45	50	14
	IR45X50X15.5		45	50	15.5
	IR45X50X20		45	50	20
	IR45X50X20.5		45	50	20.5
	IR45X50X25		45	50	25
	IR45X50X25.5		45	50	25.5
	IR45X50X26		45	50	26
	IR45X50X30.5		45	50	30.5
	IR45X50X35		45	50	35
	IR45X50X40		45	50	40
	IR45X50X40.5		45	50	40.5
	IR45X50X45.5		45	50	45.5
	IR45X52X22		45	52	22
	IR45X52X23		45	52	23
	IR45X52X40		45	52	40
	IR45X55X20		45	55	20
	IR45X55X22		45	55	22
	IR45X55X40		45	55	40
45.2	IR45.2X58X36		45.2	58	36
47	IR47X60X35		47	60	35
48	IR48X55X20		48	55	20
50	IR50X55X17		50	55	17
	IR50X55X20		50	55	20
	IR50X55X20.5		50	55	20.5
	IR50X55X25		50	55	25
	IR50X55X25.5		50	55	25.5



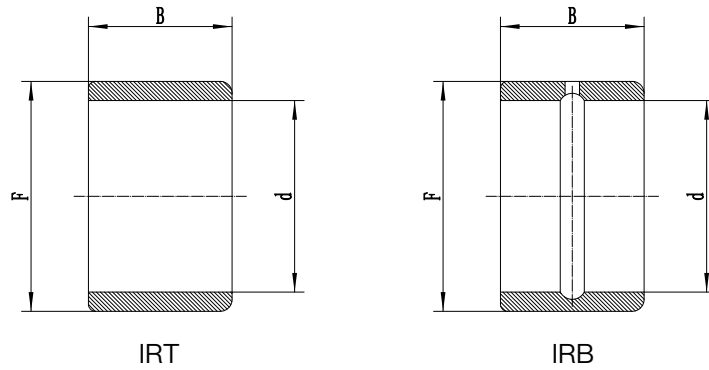
轴径 mm	轴承型号	重量 g	d	外形尺寸	
				F mm	B
50	IR50X55X26	112	50	55	26
	IR50X55X35		50	55	35
	IR50X55X40		50	55	40
	IR50X55X42		50	55	42
	IR50X55X45.5		50	55	45.5
	IR50X55.3X20.3		50	55.3	20.3
	IR50X56X21.5		50	56	21.5
	IR50X58X16	115	50	58	16
	IR50X58X22		50	58	22
	IR50X58X23		50	58	23
	IR50X58X40		50	58	40
	IR50X60X20		50	60	20
	IR50X60X25		50	60	25
	IR50X60X25.5		50	60	25.5
	IR50X60X28	183	50	60	28
	IR50X60X50		50	60	50
	IR50X60X50.5		50	60	50.5
51	IR51X63X52		51	63	52
54	IR54X60X25		54	60	25
55	IR55X60X12	86	55	60	12
	IR55X60X25		55	60	25
	IR55X60X32.5		55	60	32.5
	IR55X60X35		55	60	35
	IR55X60X36		55	60	36
	IR55X63X25	141	55	63	25
	IR55X63X45		55	63	45
	IR55X63X65.25		55	63	65.25
	IR55X65X20		55	65	20
	IR55X65X25		55	65	25
	IR55X65X28	198	55	65	28
	IR55X65X30		55	65	30
	IR55X65X60		55	65	60
	IR55X65X90		55	65	90
	IR55X65X110		55	65	110
60	IR60X68X25	152	60	68	25
	IR60X68X35	213	60	68	35
	IR60X68X45	275	60	68	45
	IR60X70X30	195	60	70	30
	IR60X70X25		60	70	25



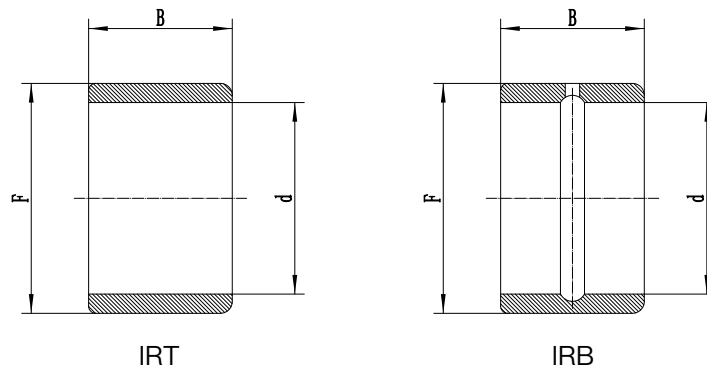
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
60	IR60X70X28	216	60	70	28
	IR60X70X30		60	70	30
	IR60X70X35		60	70	35
	IR60X70X60		60	70	60
	IR60X73X35		60	73	35
65	IR65X72X25	142	65	72	25
	IR65X72X45	259	65	72	45
	IR65X73X25	164	65	73	25
	IR65X75X28	230	65	75	28
	IR65X75X30		65	75	30
70	IR70X80X25	224	70	80	25
	IR70X80X30	267	70	80	30
	IR70X80X54	487	70	80	54
	IR70X80X56	506	70	80	56
	IR70X80X60		70	80	60
	IR70X80X80		70	80	80
73	IR73X80X35		73	80	35
75	IR75X85X35	238	75	85	25
	IR75X85X25	287	75	85	30
	IR75X85X54	520	75	85	54
78	IR78X90X80		78	90	80
80	IR80X90X25	254	80	90	25
	IR80X90X30	304	80	90	30
	IR80X90X35	355	80	90	35
	IR80X90X54	550	80	90	54
	IR80X92X50		80	92	50
85	IR85X95X26	280	85	95	26
	IR85X95X30		85	95	30
	IR85X100X35	580	85	100	35
	IR85X95X36		85	95	36
	IR85X100X63	100	85	100	63
88	IR88X100X30		88	100	30
90	IR90X100X26	294	90	100	26
	IR90X100X30	340	90	100	30
	IR90X105X36	610	90	105	35
	IR90X105X63	1110	90	105	63
	IR90X110X35		90	110	56
95	IR95X105X26	313	95	105	26
130	IR130X150X50	1690	130	150	50



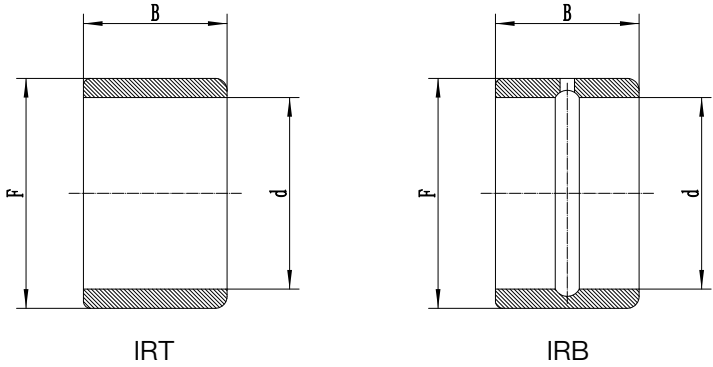
轴径 mm	轴承型号	重量 g	d	外形尺寸	
				F mm	B
130	IR130X150X60		130	150	60
140	IR140X150X40	1800	140	150	40
	IR140X160X50		140	160	50
	IR140X160X50A		140	160	50
150	IR150X165X40	1120	150	165	40
	IR150X165X50		150	165	50
	IR150X170X60		150	170	60
160	IR160X175X70	1200	160	175	70
170	IR170X180X45		170	180	45
	IR170X185X45		170	185	45
220	IR220X240X50		220	240	50



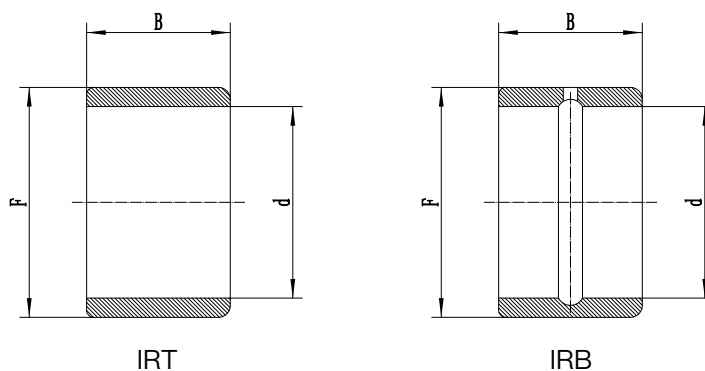
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
6	IRT6912		6	9	12
	IRT61912		6	19	12
	IRT61916		6	19	16
7	IRT710	3.2	7	10	10.5
	IRT712	3.9	7	10	12.5
	IRT715	4.8	7	10	15.5
8	IRT81011		8	10	11
	IRT81210		8	12	10
	IRT81212		8	12	12
	IRT81215		8	12	15
	IRT815	7.5	8	12	15.5
9	IRT91211		9	12	11
	IRT91212		9	12	12
	IRT91216		9	12	16
10	IRT101312		10	13	12
	IRT1012-2	7.2	10	14	12.5
	IRT101416		10	14	16
	IRT101420		10	14	20
	IRT101515		10	15	15
	IRT1015-1	11.7	10	15	15.5
	IRT101520		10	15	20
	IRT101525		10	15	25
12	IRT121512		12	15	12
	IRT121516.5	8.1	12	15	16.5
	IRT121522		12	15	22
	IRT121612		12	16	12
	IRT1212-1	8.5	12	16	12.5
	IRT1216-1	11.2	12	16	16.5
	IRT121620		12	16	20
	IRT121622		12	16	22
	IRT121715		12	17	15
15	IRT15815		15	18	15
	IRT1516	9.9	15	18	16.5
	IRT151820		15	18	20
	IRT151825		15	18	25
	IRT151910		15	19	10
	IRT151916		15	19	16
	IRT151920		15	19	20
	IRT152012		15	20	12



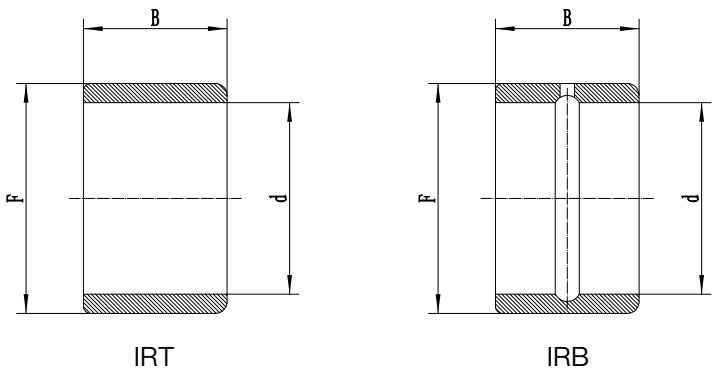
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
6	IRT6912		6	9	12
	IRT61912		6	19	12
	IRT61916		6	19	16
7	IRT710	3.2	7	10	10.5
	IRT712	3.9	7	10	12.5
	IRT715	4.8	7	10	15.5
8	IRT81011		8	10	11
	IRT81210		8	12	10
	IRT81212		8	12	12
	IRT81215		8	12	15
	IRT815	7.5	8	12	15.5
9	IRT91211		9	12	11
	IRT91212		9	12	12
	IRT91216		9	12	16
10	IRT101312		10	13	12
	IRT1012-2	7.2	10	14	12.5
	IRT101416		10	14	16
	IRT101420		10	14	20
	IRT101515		10	15	15
	IRT1015-1	11.7	10	15	15.5
	IRT101520		10	15	20
	IRT101525		10	15	25
12	IRT121512		12	15	12
	IRT121516.5	8.1	12	15	16.5
	IRT121522		12	15	22
	IRT121612		12	16	12
	IRT1212-1	8.5	12	16	12.5
	IRT1216-1	11.2	12	16	16.5
	IRT121620		12	16	20
	IRT121622		12	16	22
	IRT121715		12	17	15



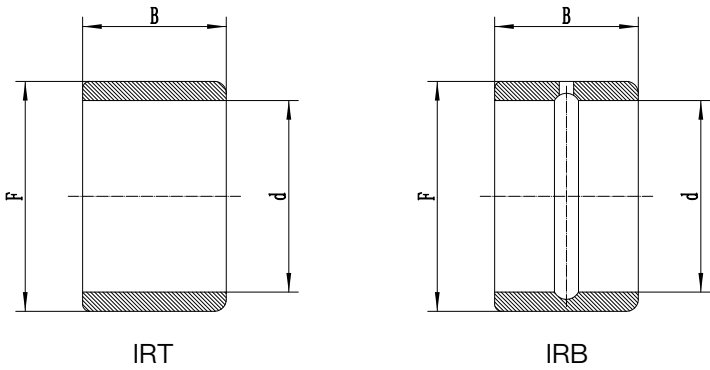
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
15	IRT15815	9.9	15	18	15
	IRT1516		15	18	16.5
	IRT151820		15	18	20
	IRT151825		15	18	25
	IRT151910		15	19	10
	IRT151916		15	19	16
	IRT151920		15	19	20



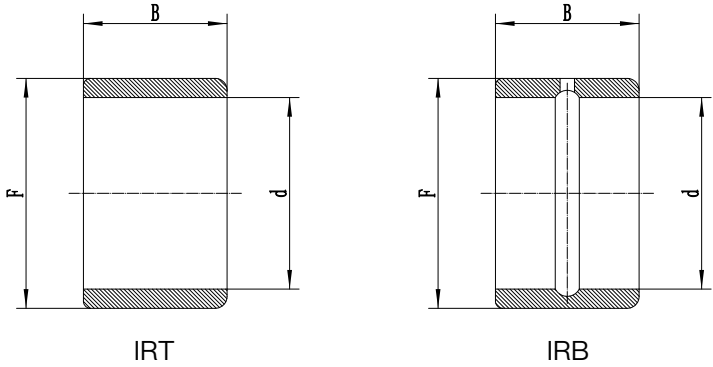
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
15	IRT152013		15	20	13
	IRT152015		15	20	15
	IRT152018		15	20	18
	IRT152020		15	20	20
	IRT15202		15	20	23
	IRT152025		15	20	35
	IRT152030		15	20	30
16	IRT162220		16	22	20
17	IRT172020		17	20	20
	IRT1720	13.7	17	20	20.5
	IRT172030		17	20	30
	IRT1730	20.5	17	20	30.5
	IRT172116		17	21	16
	IRT1716-1	15.1	17	21	16.5
	IRT172120		17	21	20
	IRT1720-1	18.8	17	21	20.5
	IRT172213		17	22	13
	IRT172215		17	22	15
	IRT1715-2	18.3	17	22	15.5
	IRT1716-2	19.4	17	22	16.5
	IRT172228		17	22	28
	IRT172220		17	22	20
	IRT1720-2	24	17	22	20.5
	IRT172223		17	22	23
	IRT172225		17	22	25
	IRT1725-2	30	17	22	25.5
	IRT172230		17	22	30
	IRT1730-2	36	17	22	30.5
	IRT172232		17	22	32
	IRT172413		17	24	13
	IRT172420		17	24	20
18	IRT182213		18	22	13
	IRT182220		18	22	20



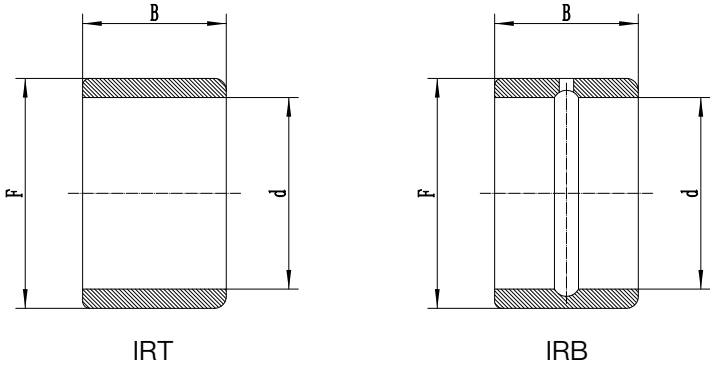
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
20	IRT202416	17.5	20	24	16
	IRT2016		20	24	16.5
	IRT202420		20	24	20
	IRT2020	22	20	24	20.5
	IRT2028	3.5	20	24	28.5
	IRT2010-1	14.3	20	25	10.5



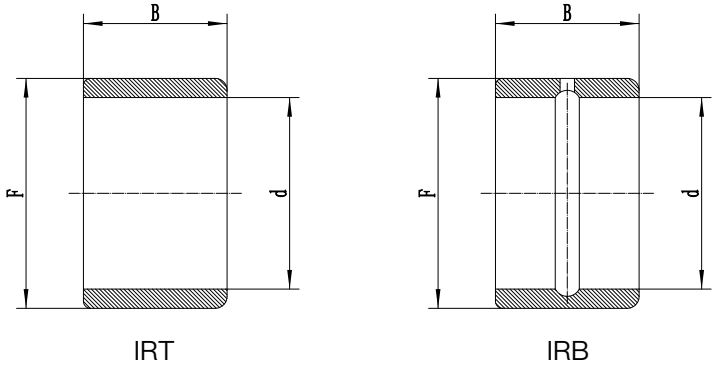
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
20	IRT2015-1	21	20	25	15.5
	IRT202516		20	25	16
	IRT202517		20	25	17
	IRT202520		20	25	20
	IRT2020-1	28	20	25	20.5
	IRT202523		20	25	23
	IRT202525		20	25	25
	IRT2025-1	34.5	20	25	25.5
	IRT2026-1	36	20	25	26.5
	IRT202530		20	25	30
	IRT2030-1	41.5	20	25	30.5
	IRT2038-1	52.5	20	25	38.5
	IRT202820		20	28	20
22	IRT222616		22	26	16
	IRT2216	19.1	22	26	16.5
	IRT222620		22	26	20
	IRT2220	24	22	26	20.5
	IRT222817		22	28	17
	IRT222820		22	28	20
	IRT2220-1	37	22	28	20.5
	IRT222823		22	28	23
	IRT222830		22	28	30
	IRT2230-1	55.5	24	28	30.5
23	IRT242813		23	28	13
	IRT242826		23	28	26



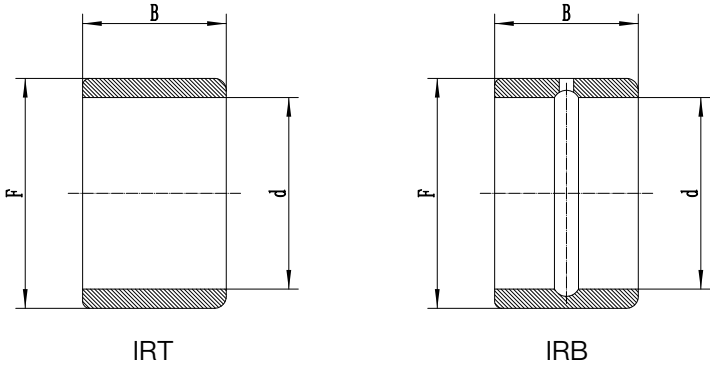
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
25	IRT252920	26.5	25	29	20
	IRT2520		25	29	20.5
	IRT252930		25	29	30
	IRT2530	40	25	29	30.5
	IRT253015	25.5	25	30	15
	IRT2515-1		25	30	15.5
	IRT253017		25	30	17
	IRT253020	34	25	30	20
	IRT2520-1		25	30	20.5
	IRT253023		25	30	23
	IRT253025	42.5	25	30	25
	IRT2525-1		25	30	25.5
	IRT2526-1		25	30	26.5
	IRT253030	44	25	30	30



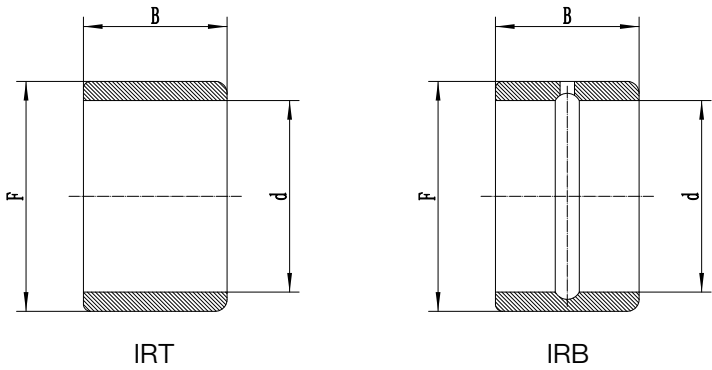
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
25	IRT2530-1	50.5	25	30	30.5
	IRT253032		25	30	32
	IRT253038		25	30	38
	IRT2538-1	64	25	30	38.5
	IRT253222		25	32	22
	IRT253230		25	32	30
26	IRT263013		26	30	13
	IRT263026		26	30	26
	IRT263512		26	35	12
28	IRT283217	29.5	28	32	17
	IRT283220		28	32	20
	IRT2820		28	32	20.5
	IRT283230	44	28	32	30
	IRT2830		28	32	30.5
	IRT283820		28	38	20
30	IRT3012	24.5	30	35	12.5
	IRT3015	30.5	30	35	15.5
	IRT303517	40	30	35	17
	IRT303520		30	35	20
	IRT3020		30	35	20.5
	IRT303523		30	35	23
	IRT303525	50	30	35	25
	IRT3025		30	35	25.5
	IRT303530		30	35	30
	IRT3030	60	30	35	30.5
	IRT303722		30	35	22
	IRT304216		30	42	16



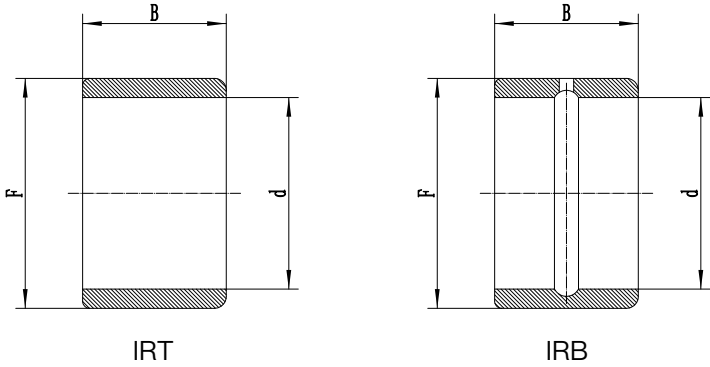
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
32	IRT323720	42.5	32	37	20
	IRT3220		32	37	20.5
	IRT333730		32	37	30
	IRT3230	63.5	32	37	30.5
	IRT323732		32	37	32
	IRT323815		32	38	15
	IRT3215-1	39.5	32	38	15.5
	IRT3220-1	52	32	38	20.5
	IRT3225-1	64.5	32	38	25.5
	IRT323825	77.5	32	38	25
	IRT3230-1		32	38	30.5
	IRT323845		32	38	45



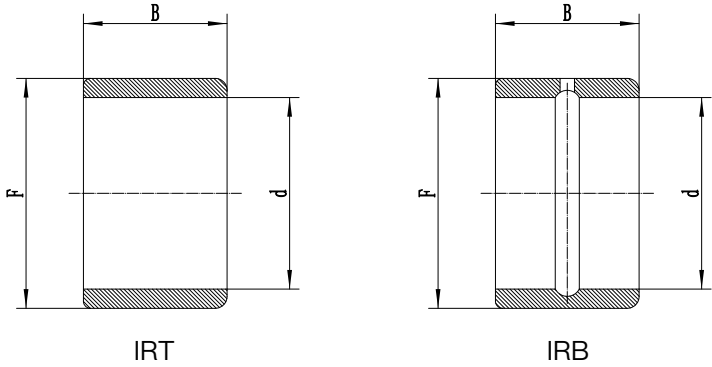
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
32	IRT3245-1	115	32	38	45.5
	IRT324015		32	40	15
	IRT324020		32	40	20
	IRT324027		32	40	27
	IRT324030		32	40	30
35	IRT354015	46.5	35	40	15
	IRT354020		35	40	20
	IRT3520		35	40	20.5
	IRT354025		35	40	25
	IRT3525		35	40	25.5
	IRT351030	58	35	40	30
	IRT354034		35	40	34
	IRT354040		35	40	40
	IRT354040.5		35	40	40.5
	IRT354220		35	42	20
	IRT354223		35	42	23
	IRT354227		35	42	27
	IRT54230		35	42	30
	IRT354236		35	42	36
	IRT354322		35	43	22
37	IRT374232		37	42	32
38	IRT384320		38	43	20
	IRT384330		38	43	30



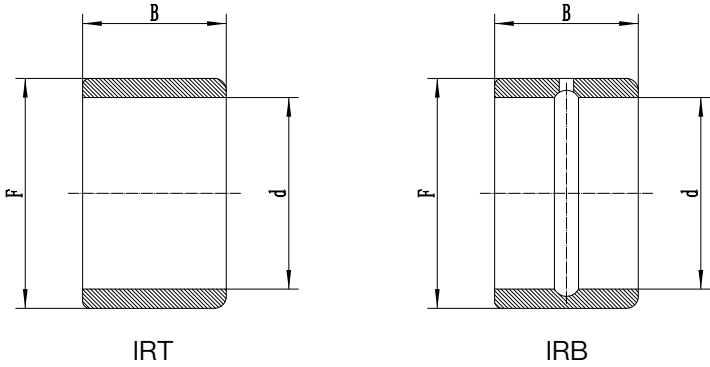
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
40	IRT404517	52.5	40	45	17
	IRT404520		40	45	20
	IRT4020		40	45	20.5
	IRT404525		40	45	25
	IRT4025	65.5	40	45	25.5
	IRT404530	78.5	40	45	30
	IRT4030		40	45	30.5
	IRT404540		40	45	40
	IRT40X45X40.5		40	45	40.5
	IRT404822	104	40	48	22
	IRT404830		40	48	30
	IRT404840		40	48	40
	IRT405022		40	50	22
	IRT405030		40	50	30
	IRT405040		40	50	40
42	IRT424720		42	47	20



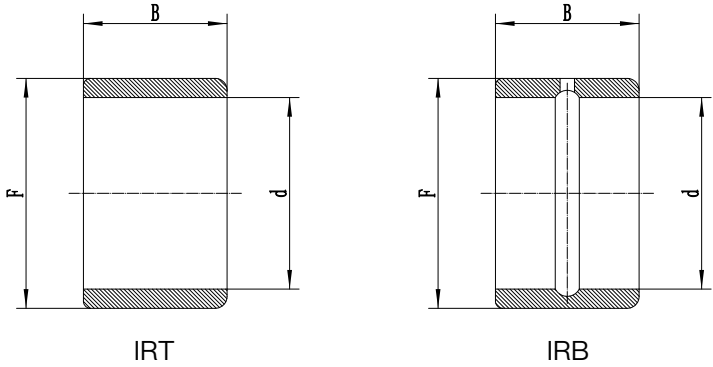
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
42	IRT424730		42	47	30
	IRT424830		42	48	30
45	IRT4512	36	45	50	12.5
	IRT4515	44.5	45	50	15.5
	IRT455020		45	50	20
	IRT4520	59	45	50	20.5
	IRT455025		45	50	25
	IRT4525	73	45	50	25.5
	IRT455030		45	50	30
	IRT4530	87.5	45	50	30.5
	IRT455035		45	50	35
	IRT4540	116	45	50	40.5
	IRT4545	131	45	50	45.5
	IRT455222		45	52	22
	IRT455240		45	52	40
	IRT455522		45	55	22
	IRT455540		45	55	40
48	IRT485540		48	55	40



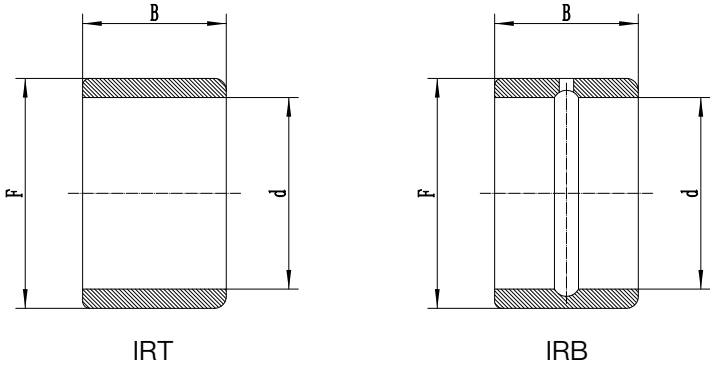
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
50	IRT505520	65	50	55	20
	IRT5020-1		50	55	20.5
	IRT505525		50	55	25
	IRT5025-1	81	50	55	25.5
	IRT505530	96.5	50	55	30
	IRT5030-1		50	55	30.5
	IRT505535		50	55	35
	IRT505540	128	50	55	40
	IRT5040-1		50	55	40.5
	IRT505545		50	55	45
	IRT5045-1	144	50	55	45.5
	IRT505550	160	50	55	50
	IRT5050-1		50	55	50.5
	IRT505822		50	58	22
	IRT505830	169	50	58	30
	IRT505840		50	58	40
	IRT505845		50	58	45
	IRT506025	169	50	60	25
	IRT5025		50	60	25.5
	IRT506028		50	60	28
	IRT506030		50	60	30



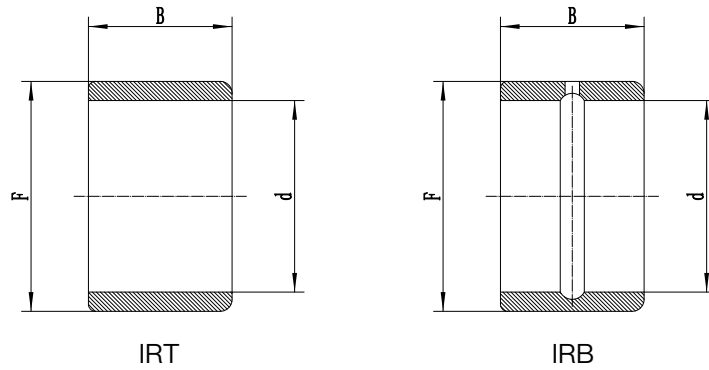
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
50	IRT5030	205	50	60	30.5
	IRT506040		50	60	40
	IRT5040	270	50	60	40.5
	IRT506045		50	60	45
	IRT506050		50	60	50
54	IRT546345		54	63	45
55	IRT556025		55	60	25
	IRT556030		55	60	30
	IRT556035		55	60	35
	IRT556238		55	62	38
	IRT556325		55	63	25
	IRT556345		55	63	45
	IRT556525		55	65	25
	IRT556528		55	65	28
	IRT556530		55	65	30
	IRT556545		55	65	45
	IRT556550		55	65	50
	IRT556560		55	65	60
60	IRT606825		60	68	25
	IRT606834		60	68	34
	IRT606835		60	68	35
	IRT606845		60	68	45
	IRT607025		60	70	25
	IRT607028		60	70	28
	IRT607030		60	70	30
	IRT607040		60	70	40
	IRT607045		60	70	45
	IRT607050		60	70	50
	IRT607060		60	70	60
65	IRT657225		65	72	25
	IRT657235		65	72	35
	IRT657325		65	73	25
	IRT657335		65	73	35
	IRT657528		65	75	28
	IRT657530		65	75	30



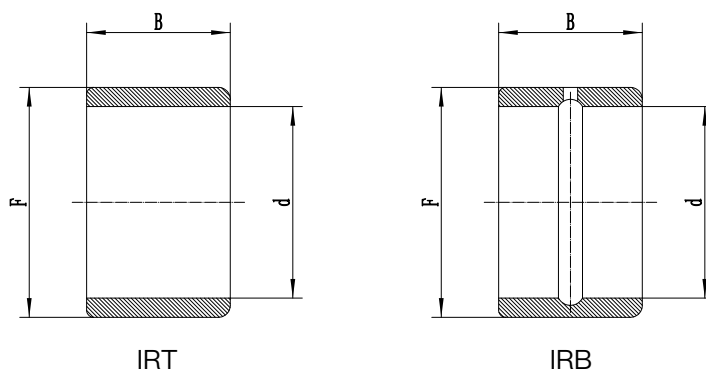
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
75	IRT657535		75	75	35
	IRT657560		75	75	60
70	IRT708025		70	80	25
	IRT708030		70	80	30



轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
70	IRT708035		70	80	35
	IRT208040		70	80	40
	IRT708050		70	80	50
	IRT708054		70	80	54
	IRT708060		70	80	60
75	IRT758345		75	83	45
	IRT758525		75	85	25
	IRT758530		75	85	30
	IRT758535		75	85	35
	IRT758554		75	85	54
	IRT759032		75	90	32
80	IRT809025		80	90	25
	IRT809030		80	90	30
	IRT809035		80	90	35
	IRT809040		80	90	40
	IRT809054		80	90	54
85	IRT859526		85	95	26
	IRT859536		85	95	36
	IRT859545		85	95	45
	IRT8510035		85	100	35
90	IRT9010026		90	100	26
英 制					
9. 525	IRB68		9. 525	14. 288	12. 95
12. 7	IRB812		12. 7	17. 462	19. 3
	IRB812-1		12. 7	19. 05	19. 3
15. 875	IRB1012		15. 875	22. 225	19. 3
20	IRB121616		20	25. 4	25. 65
22. 225	IRB1416		22. 225	28. 575	25. 65
28. 575	IRB1820		28. 575	34. 925	32
31. 75	IRB2020		31. 75	38. 1	32



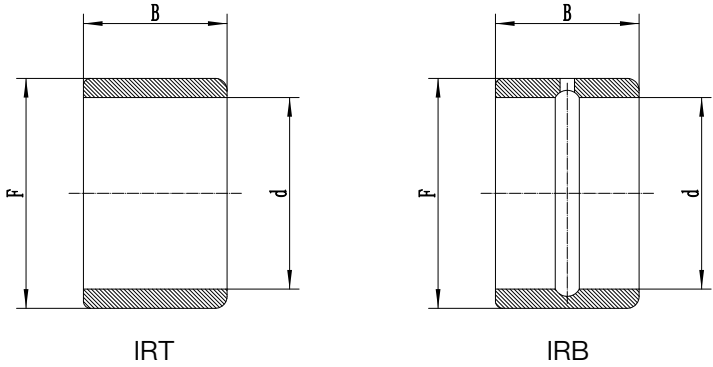
轴径 mm	轴承型号	重量 g	d	外形尺寸 F mm	B
8	LRT81212.5		8	12	12.5
	LRT81210		8	12	10
	LRT8128		8	12	8
9	LRT91212		9	12	12
10	LRT101413		10	14	13
12	LRT121616		12	16	16
15	LRT151916		15	19	16
17	LRT172016		17	20	16
	LRT172116		17	21	16
20	LRT202416		20	24	16
	LRT202517		20	25	17
	LRT202525		20	25	25
	LRT202526.5		20	25	26.5
25	LRT252920		25	29	20
	LRT252930		25	29	30
30	LRT303517		30	35	17
	LRT303520		30	35	20
32	LRT323720		32	37	20
	LRT324020		32	40	20
	LRT324036		32	40	36
35	LRT354020		35	40	20
	LRT354030		35	40	30
40	LRT404520		40	45	20
	LRT404530		40	45	30
	LRT404820		40	48	20
	LRT404840		40	48	40
50	LRT505525		50	55	25
	LRT506025.5		50	60	25.5
54	LRT546025		54	60	25
55	LRT556025		55	60	25
	LRT556525		55	65	25
60	LRT606825		60	68	25
	LRT606845		60	68	45
65	LRT657335		65	73	35
	LRT657445		65	74	45
75	LRT758525		75	85	25
80	LRT809054		80	90	54



IRT

IRB

轴径 mm	轴承型号	重量 g	外形尺寸			
			d in	d mm	F in	B mm
9.525 (3/8)	LRB61012	18.5	3/8	9.525	3/8	19.300
12.700 (1/2)	LRB81212	23.5	1/2	12.700	3/4	19.300
	LRB81216	31	1/2	12.700	3/4	25.650
15.875 (5/8)	LRB101412	28	5/8	15.875	7/8	19.300
	LRB101416	37.5	5/8	15.875	7/8	25.650
19.050 (3/4)	LRB121612	33	3/4	19.050	1	19.300
	LRB121616	44	3/4	19.050	1	25.650
22.225 (7/8)	LRB141816	50	7/8	22.225	1 1/8	25.650
	LRB141820	62	7/8	22.225	1 1/8	32.000
25.400 (1)	LRB162016	56	1	25.400	1 1/4	25.650
	LRB162020	72	1	25.400	1 1/4	32.000
28.575 (1 1/8)	LRB182216	63	1 1/8	28.575	1 3/8	25.650
	LRB182220	77	1 1/8	28.575	1 3/8	32.000
31.750 (1 1/4)	LRB202406	71	1 1/4	31.750	1 1/2	25.650
	LRB202420	86	1 1/4	31.750	1 1/2	32.000
34.925 (1 3/8)	LRB222616	77	1 3/8	34.925	1 1/2	25.650
	LRB222620	96	1 3/8	34.925	1 5/8	32.000
38.100 (1 1/2)	LRB242816	80	1 1/2	38.100	1 5/8	25.650
	LRB242820	100	1 1/2	38.100	1 3/4	32.000
	LRB243020	155	1 1/2	38.100	1 3/4	32.000
41.275 (1 5/8)	LRB263212	135	1 5/8	41.275	2	25.650
	LRB263220	170	1 5/8	41.275	2	32.000
44.450 (1 3/4)	LRB283624	300	1 3/4	44.450	2 1/4	38.350
	LRB283628	345	1 3/4	44.450	2 1/4	44.700
50.800 (2)	LRB324024	335	2	50.800	2 1/2	38.350
	LRB324028	390	2	50.800	2 1/2	44.700
57.150 (2 1/4)	LRB364424	375	2 1/4	57.150	2 3/4	38.350
	LRB364428	440	2 1/4	57.150	2 3/4	44.700
63.500 (2 1/2)	LRB404824	410	2 1/2	63.500	3	38.350
	LRB404828	480	2 1/2	63.500	3	44.700
69.850 (2 3/4)	LRB445228	530	2 3/4	69.850	3 1/4	44.700
	LRB445232	600	2 3/4	69.850	3 1/4	51.050
76.200 (3)	LRB485632	640	3	76.200	3 1/2	51.050



轴径 mm	轴承型号	重量 g	外形尺寸			
			d in	d mm	F in	B mm
82.550 (3 1/4)	LRB526032	690	3 1/4	82.550	3 3/4	51.050
88.900 (3 1/2)	LRB566432	750	3 1/2	88.900	4	51.050

向心滚针和保持架组件

Radial Needle Roller and Cage Assemblies

滚针和保持架组件为一独立的轴承元件，其中每个滚针由保持架精确地引导和保持。它实现了最小的结构空间下具有高负荷能力和高刚性的轴承设计。保持架的两引导面间距宽广，保证了滚针和保持架组件的精确引导。

滚针和保持架组件适用于轴和座孔可作为滚道之处。在具有高尺寸精度、几何精度的轴和座孔滚道下，可得到最高旋转精度。

轴部位的工作间隙取决于内外滚道的公差、滚针组差和工作温度。

The needle roller and cage assembly is an independent bearing element. The each of needle roller is guided and caged accurately by the cage. It has the highest load carrying capacity and the high rigid design in the smallest structure and space. The wide distance between two guiding surfaces of cage ensures the accurate guide of needle roller and cage assembly.

Needle roller and cage assembly is suitable for the place where the shaft and housing bore are acted as the raceway. Under the geographic accuracy shaft and housing bore raceway, the highest rotation precision can be obtained.

The working clearance in bearing location is dependent on the tolerance of inner and outer raceways, needle roller difference and working temperature.



向心滚针和保持架组件

Radial Needle Roller and Cage Assemblies

向心滚针和保持架组件 K、K...D 型，该种轴承只有一组向心滚针和保持架组件，外径尺寸小，适用于径向尺寸特别受限制的部件中，用来承受径向负荷。K...ZW、K...ZWD 型为双列向心滚针和保持架组件。

该种轴承由于无套圈，与其相配的轴颈表面和外壳孔表面直接作为滚动面要求其表面硬度 HRC60、表面粗糙度 Ra 值不大于 0.63 μ m。

为满足主机要求，该种轴承可加工成剖分式，便于装拆。K...D 表示剖分式、单列，K...ZWD 表示剖分式、双列。

K 单列向心滚针和保持架组件

K...ZW 双列向心滚针和保持架组件

K...D 剖分式单列向心滚针和保持架组件

K...ZWD 剖分式双列向心滚针和保持架组件

As for Model K, K...D radial needle and retainer assembly, this kind of bearing only has a group of radial needle and retainer assembly. With small outside diameter size, it is suitable for the parts, where the radial sizes are specially limited, used for bearing the radial load. Model K...ZW, K...ZWD radial needle and retainer assembly is the double row radial needle and retainer assembly.

As for this kind of bearing, since it has not collar, the surface of journal and the surface of hole at the housing are directly acted as rolling surface with surface hardness HRC 60 and surface roughness Ra no more than 0.63 μ m.

In order to satisfy the requirement of main machine, this kind of bearing can be made in split bearing, convenient for mounting. Model K...D represents as the single row split bearing and Model K...ZWD represents as double row split bearing.

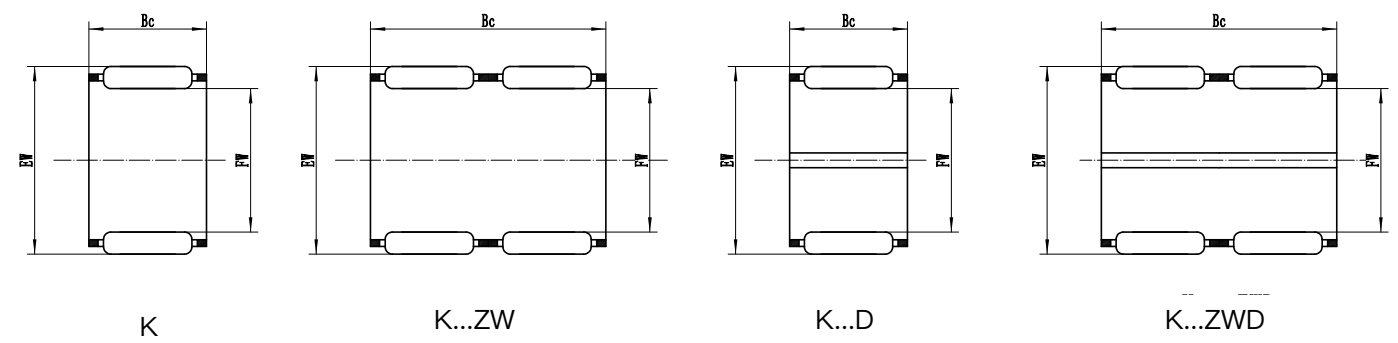
(1-1) K single-row radial needle roller and cage assembly

(1-2) K...ZW double-row radial needle roller and cage assembly

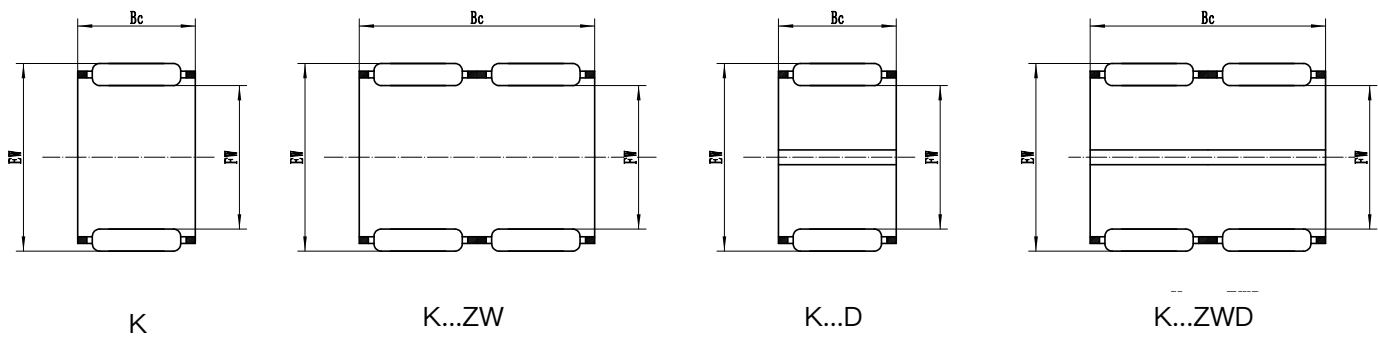
(1-3) K...D partial single-row radial needle roller and cage assembly

(1-4) K...ZWD double-row radial needle roller and cage assembly

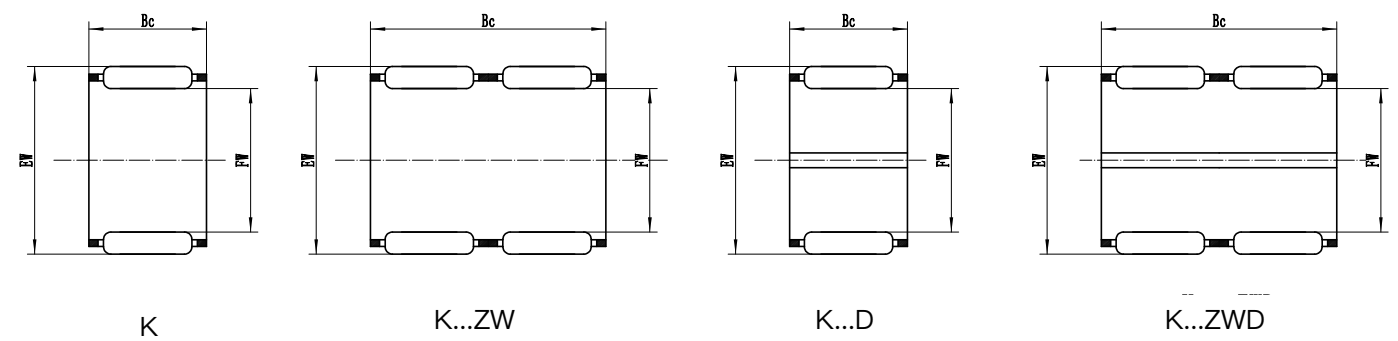




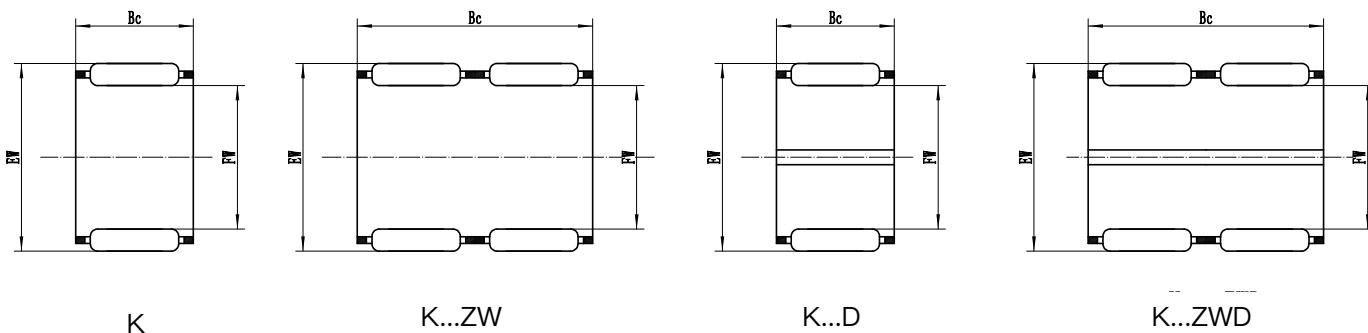
轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	EW mm	Bc	动 N	静 N	
3	K3x5x7TN		0.3	3	5	7	1.54	1.29	50000
	K3x5x9TN		0.4	3	5	9	1.71	1.48	
	K3x6x7TN		0.4	3	6	7	1.43	0.97	47000
4	K4x7x7TN		0.5	4	7	7	2.33	1.84	43000
	K4x7x10TN		0.7	4	7	10	2.35	1.92	39000
5	K5x8x8TN	29241/5	0.7	5	8	8	2300	1880	37000
	K5x8x10TN	39241/5	0.9	5	8	10	2800	2450	37000
6	K6x9x8TN	29241/6	0.8	6	9	8	25600	2240	35000
	K6x9x10TN	39241/6	1	6	9	10	3300	3100	35000
	K6x10x13TN	19241/6	1.3	6	10	13	3500	2800	33000
7	K7x10x8TN	29241/7	0.9	7	10	8	2750	2550	32000
	K7x10x10TN	39241/7	1.1	7	10	10	3350	3400	32000
8	K8x11x8TN	29241/8	1.1	8	11	8	3000	2900	30000
	K8x11x10TN	39241/8	1.7	8	11	10	3830	3950	30000
	K8x11x13TN	49241/8	1.8	8	11	13	5000	5700	30000
	K8x12x10TN	29242/8	1.3	8	12	10	4900	4600	30000
9	K9x12x10TN	39241/9	1.5	9	12	10	4200	4700	30000
	K9x12x13TN	19241/9	1.9	9	12	13	5500	6700	30000
10	K10x13x10TN	39241/10	1.6	10	13	10	4500	5250	27000
	K10x13x13TN	39241/10	2.1	10	13	13	6000	7600	27000
	K10x13x16TN		2.2	10	13	16	6300	7800	27000
	K10x14x10TN	29242/10	2.9	10	14	10	7000	7900	27000
	K10x14x13TN	3922/10	4.3	10	14	13	8000	9100	26000
	K10x16x12TN	19244/10	3.7	10	16	12	7000	9300	27000
12	K12x15x9TN		2.7	12	15	9	4120	5210	25000
	K12x15x10TN	39241/12	1.9	12	15	10	4320	5730	25000
	K12x15x13TN	49241/12	2.4	12	15	13	6000	8100	25000
	K12x16x8TN	19242/12	2.9	12	16	8	1200	4700	25000
	K12x16x10TN	29242/12	3.4	12	16	10	6000	6900	25000
	K12x16x13TN	39242/12	3.8	12	16	13	7900	9200	25000
	K12x17x13TN	59242/12	4.4	12	17	13	9300	10000	24000
	K12xN8x12TN	19244/12	5	12	18	12	9800	8000	24000
	K12x15x20TN	K12x15x20TN	3.8	12	15	20	8200	12000	25000



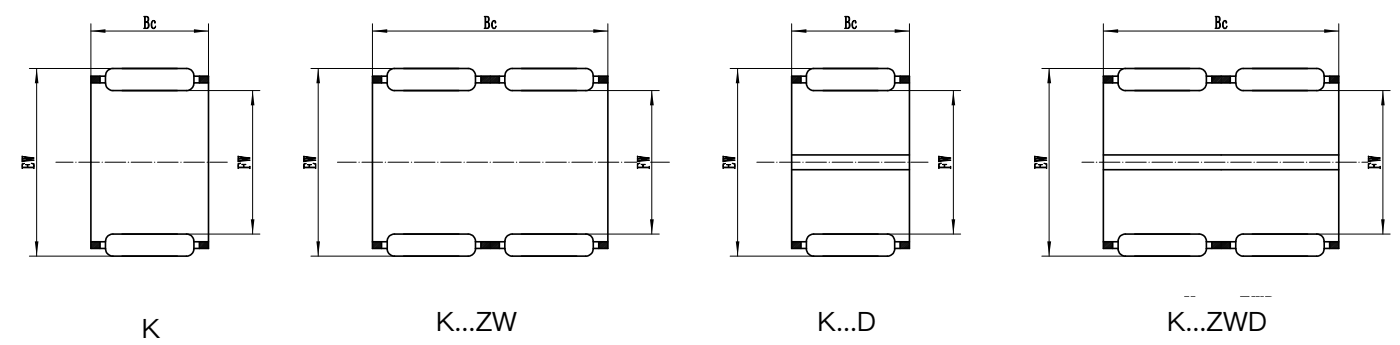
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	现型号	原型号		Fw	Ew mm	Bc	动 N	静 N	
14	K14xN7x10		4	14	17	10	5100	6800	23000
	K14x17x17		6.8	14	17	17	9300	14000	23000
	K14xN8x10	29242/14	4.8	14	18	10	6800	8300	23000
	K14xN8x13	39242/14	6.3	14	18	13	8100	9800	23000
	K14x18x14		6.8	14	18	14	9200	12000	23000
	K14xN8x15	49242/14	7.3	14	18	15	10000	13000	23000



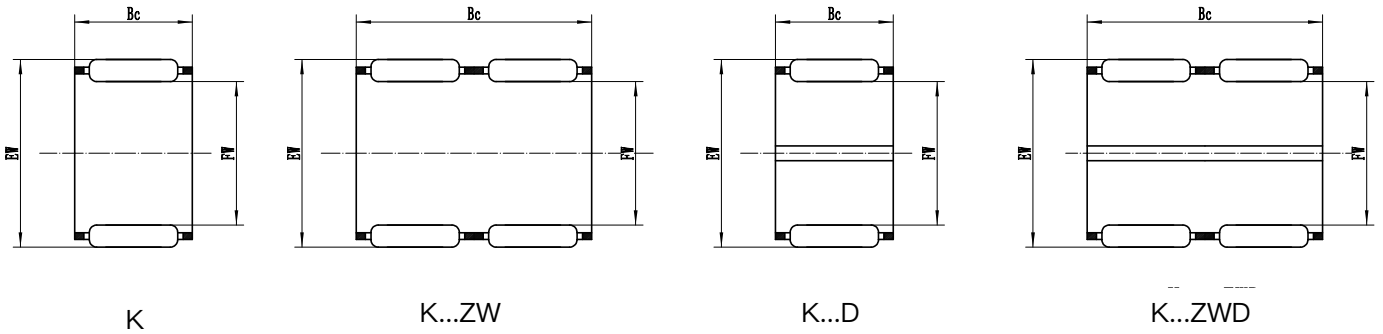
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	现型号	原型号		Fw	Ew mm	Bc	动 N	静 N	
14	K14x18xN7	59242/14	8.1	14	18	17	10500	13900	23000
	K14x20x12	19243/14	8.6	14	20	12	9900	10500	22000
15	K15x18x14		5.3	15	18	14	7500	11000	23000
	K15x18xN7		6.4	15	18	17	9600	15900	23000
	K15x19x10	29242/15	5.1	15	19	10	7200	9000	22000
	K15x19x13	39241/15	7	15	19	13	8300	9800	22000
	K15x19x17	59241/15	8.8	15	19	17	10300	15000	22000
	K15xN9x24 ZW	79241/15	10.5	15	19	24	12800	20100	22000
	K15x22x13	29242/15	8.9	15	22	13	9700	11000	22000
	K15x22x12	19243/15	10	15	22	12	10000	13000	22000
	K15x21x15	39242/15	13	15	21	15	13800	16000	22000
16	K15x21x21		18.2	15	21	21	18000	24000	22000
	K16x20x10	29241/16	5.7	16	20	10	7600	9700	22000
	K16x20x13	39241/16	7.1	16	20	13	8700	11300	22000
	K16x20x17	59241/16	9.2	16	20	17	11200	16300	22000
	K16x21x10	19242/16	3.7	16	21	10	9000	12000	22000
	K16x22x12	19243/16	10.4	16	22	12	11000	12000	21000
	K16x22x13		11.9	16	22	13	12000	13400	21000
	K16x22x16		13.7	16	22	16	14300	17000	21000
	K16x22x20	49243/16	16.7	16	22	20	18000	22300	21000
	K16x23x14	19244/16	20	16	23	14	19000	21000	19000
17	K16x24x20	19245/16	24.9	16	24	20	21100	23000	20000
	K17x21x10	29241/17	5.6	17	21	10	7900	10100	21000
	K17x21x13	39241/17	7.5	17	21	13	10000	14100	21000
	K17x21x17	59241/17	9.5	17	21	17	12000	17400	21000
18	K17x23x14	29243/17	11.5	17	23	14	11000	15000	21000
	K18x22x10	29241/18	6.1	18	22	10	8200	9900	20000
	K18x22x13	39241/18	7.7	18	22	13	9000	12100	20000
	K18x22x17	59241/18	10.8	18	22	17	11900	17600	20000
	K18x24x12	19243/18	11.6	18	24	12	11200	12900	20000
	K18x24x13		12.6	18	24	13	12900	14900	20000
	K18x24x13.5		13	18	24	13.5	12900	14900	20000
	K18x24x20	49243/18	19	18	24	20	20000	26500	20000
	K18x25x14		14.9	18	25	14	16500	18800	20000
	K18x25x22		24.3	18	25	22	22900	28400	20000
	K18x26x14		19	18	26	14	18000	20000	18000
19	K18x28x16	19244/18	24	18	28	16	19000	18400	19000
	K19x23x13		8.2	19	23	13	9300	13000	20000
	K19x23x17		11.1	19	23	17	12000	18600	20000



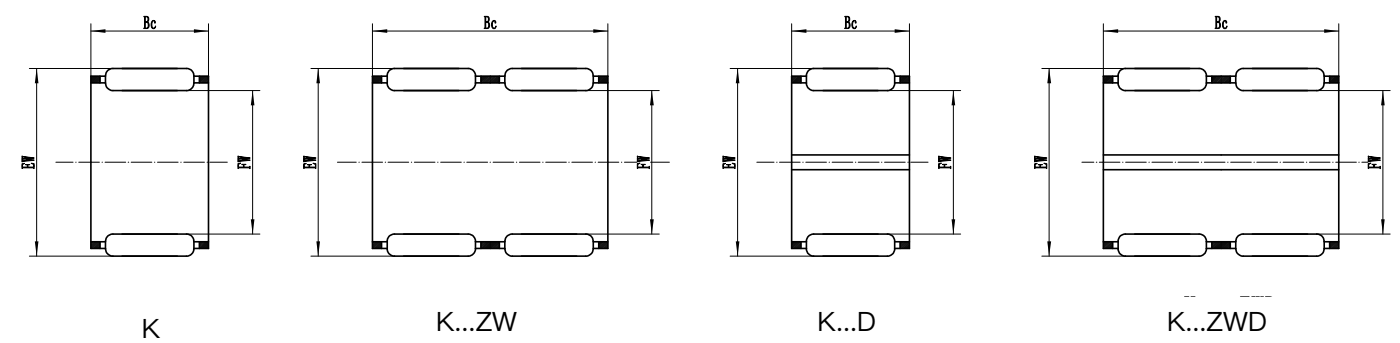
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20	K20x24xN0	29241/20	6.5	20	24	10	8700	12100	19000
	K20x24x12		8	20	24	12	9600	13800	19000
	K20x24x13	39241/20	8.9	20	24	13	9600	13800	19000
	K20x24xN7	59241/20	11.2	20	24	17	12400	20000	19000
	K20x26x12	19243/20	13.2	20	26	12	13100	15700	19000
	K20x26x16	K9249/20	17.5	20	26	16	18000	25000	18500
	K20x26x17	39243/20	18.2	20	26	17	18700	25500	19000
	K20x26x20	49243/20	22	20	26	20	20600	28500	19000
	K20x28x20	19245/20	26.8	20	28	20	23400	28000	18000
	K20x28x25	29245/20	36.2	20	28	25	30000	28500	18000
	K20x30x30	39245/20	56	20	30	30	35000	41000	18000
21	K21x25x13		9	21	25	13	9600	14500	19000
	K21x25x17		12	21	25	17	12800	21000	19000
22	K22x26x10	29241/22	7.1	22	26	10	8700	12900	18000
	K22x26x13	39241/22	9.4	22	26	13	10000	15400	18000
	K22x26x17	59241/22	12.1	22	26	17	13100	22100	18000
	K22x27x13	29242/22	10.8	22	27	13	14000	23000	18000
	K22x28x17	39243/22	19.7	22	28	17	19000	26500	18000
	K22x28x23	59243/22	26	22	28	23	20000	27000	19000
	K22x29x16	19244/22	22.2	22	29	16	19500	25000	17000
	K22x30x15 TN		14.4	22	30	15	19600	22900	17000
	K22x30x20	19245/22	28	22	30	20	21000	23500	18900
	K22x32x24		43.4	22	32	24	33500	39500	16000
23	K23x35x16 TN		30	23	35	16	24000	23400	15000
24	K24x28x10		8.1	24	28	10	9400	14300	17000
	K24x28x13		10.1	24	28	13	10500	17000	17000
	K24x28x17	9243/24	13.2	24	28	17	14000	24500	17000
	K24x29x13		13.5	24	29	13	13100	19100	16000
	K24x30x17		21.5	24	30	17	19000	27000	16000
	K24x30x31		39.1	24	30	31	27000	43000	16000
25	K25x29x10	29241/25	8.3	25	29	10	9700	14900	16000
	K25x29x13	39241/25	10.4	25	29	13	10800	17900	16000
	K25x29x17	59241/25	13.7	25	29	17	14500	25500	16000
	K25x30x13	29242/25	12.9	25	30	13	14100	21300	16000
	K25x30x20	59242/25	20.5	25	30	20	21100	28000	16000
	K25x30x25		21	25	30	25	21700	40400	15000
	K25x30x26	52. 436	21.6	25	30	26	20100	26500	15000
	K25x31x17	39243/25	21.8	25	31	17	19000	28000	16000
	K25x31x21	39243/25	26.2	25	31	21	24100	37500	16000



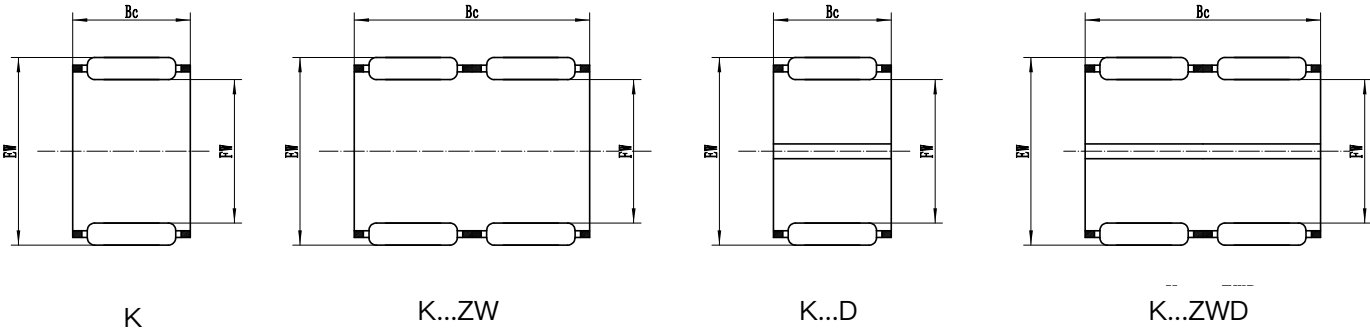
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25	K25x32xN6	19244/25	24. 5	25	32	16	20500	27500	15000
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	K25x33x24	29245/25	38. 7	25	33	24	33900	46500	15000
	K25x34xN8		32	25	34	18	48000	67000	15000
	K25x35x30	39245/25	65. 5	25	35	30	46500	61500	14000
	K25x30x26 ZW		27	25	30	26	21000	35000	14000
26	K26x30x10		9	26	30	10	9500	15500	16000
	K26x30x13		11. 4	26	30	13	11100	18700	16000
	K26x30x17		15	26	30	17	14700	27000	16000
	K26x31x13		9. 9	26	31	13	12400	18400	15000
	K26x30x22		12. 3	26	30	22	15200	28000	16000
27	K27x32x17		29	27	32	27	16000	34000	17000
28	K28x32x16. 5		16	28	32	16. 5	15000	32400	14000
	K28x32x17	9242/28	18. 2	28	32	17	15000	32400	14000
	K28x33x13	29241/25	15. 2	28	33	13	14800	23600	14000
	K28x33x17	49241/28	19. 5	28	33	17	19100	33000	14000
	K28x33x27 TN	79241/28	19	28	33	27	22800	40500	14000
	K28x34x17	39242/28	24. 2	28	34	17	21300	35000	14000
	K28x35x16	19243/28	26	28	35	16	21000	29000	14000
	K28x35x18		31	28	35	18	23500	33500	14000
	K28x35x20	29243/28	35	28	35	20	24000	34000	14000
	K28x35x27		47	28	35	27	34500	54500	14000
	K28x36x16		40	28	36	16	34000	47000	11000
	K28x40x18		50	28	40	18	33000	36500	12000
	K28x40x25		71	28	40	25	45000	54500	12000
30	K30x33x10			30	33	10			
	K30x34x13		14. 6	30	34	13	11800	21200	13000
	K30x35x13	29241/30	16. 3	30	35	13	15100	25000	13000
	K30x35x17	49241/30	21. 3	30	35	17	19100	33500	13000
	K30x35x26			30	35	26			
	K30x35x27	19241/30	33. 3	30	35	27	30000	58500	13000
	K30x37x16	19243/30	26. 4	30	37	16	22500	33000	13000
	K30x38x25	29244/30	43	30	38	25	16000	390000	13000
	K30x39x21			30	39	21			
	K30x40x18		44	30	40	18	31500	39500	12000
	K30x40x27	92401/30T	60	30	40	27			
	K30x40x30	49243/30	78	30	40	30	48500	68500	13000
	K30x35x26		32	30	35	26	23500	43500	12000
	K30x42x44. 1			30	42	44. 1			



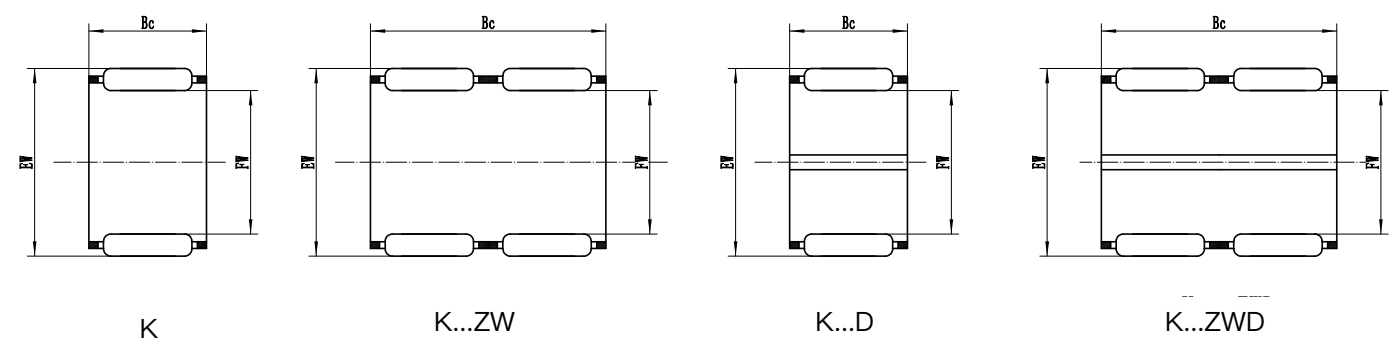
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	现型号	原型号		Fw	Ew mm	Bc	动 N	静 N	
32	K32x37x13	29241/32	18.3	32	37	13	15000	25000	12000
	K32x37x17	49241/32	22.4	32	37	17	19400	35000	12000
	K32x37x27	19241/32	36.7	32	37	27	29500	59500	12000
	K32x37x28 TN		22.3	32	37	28	23100	43000	12000
	K32x38x16		25	32	38	16	21000	34000	12000
	K32x38x20	49242/32	31	32	38	20	26000	44500	12000
	K32x38x26 TN		25.2	32	38	26	27000	46500	12000
	K32x39x16	19243/32	36.7	32	39	16	23500	35000	12000
	K32x39x18		37.2	32	39	18	26000	40500	12000
	K32x40x20	19244/32	48	32	40	20	37000	40500	12000
	K32x40x36		73	32	40	36	53500	91500	12000
	K32x46x32		119	32	46	32	65500	82500	11000
	K32x40x42 TN		771	32	40	42	49500	83500	12000
35	K35x40x13	29241/35	188	35	40	13	15800	27500	11000
	K35x40x17	49241/35	25.3	35	40	17	20300	38000	11000
	K35x40x25	29244/35	31	35	40	25	29000	59500	11000
	K35x40x27 TN	19241/35	23.4	35	40	27	24500	48000	11000
	K35x40x27	79241/35	28	35	40	27	27800	62100	11000
	K35x40x30	39244/35	43	35	40	30	25000	49500	11000
	K35x42x16	19243/35	34	35	42	16	23900	37000	11000
	K35x42x18		39.2	35	42	18	27000	42500	11000
	K35x42x30	49243/35	62.4	35	42	30	38500	67500	11000
	K35x43x18		38	35	43	18	28000	41500	11000
	K35x45x20		55.5	35	45	20	36500	49500	10000
	K35x45x30	29245/35	80	35	45	30	52500	78500	10000
	K35x45x49		120	35	45	49	81500	13400	10000
	K35x40x30 ZW		48	35	40	30	31500	65500	11000
	K35x42x20 ZW	29243/35	41	35	42	20	29500	48500	11000
36	K36x41x30		52	36	41	30	23000	43000	11000
	K36x42x16		50	36	42	16	24000	42000	11000
37	K37x42x17		25.8	37	42	17	21900	42500	10000
	K37x42x27		40.7	37	42	27	31500	67500	10000
	K37x45x26		60.5	37	45	26	43500	73500	10000
38	K38x43x17	49241/38	26.9	38	43	17	20000	38000	10000
	K38x43x27	49241/38	43.2	38	43	27	31000	67500	10000
	K38x46x20	19244/38	46	38	46	20	35000	56500	10000
	K38x46x32		72.7	38	46	32	54500	98500	10000
39	K39x44x24		38	39	44	24	28000	58500	10000
	K39x44x26 ZW		29.5	39	44	26	27000	55500	10000



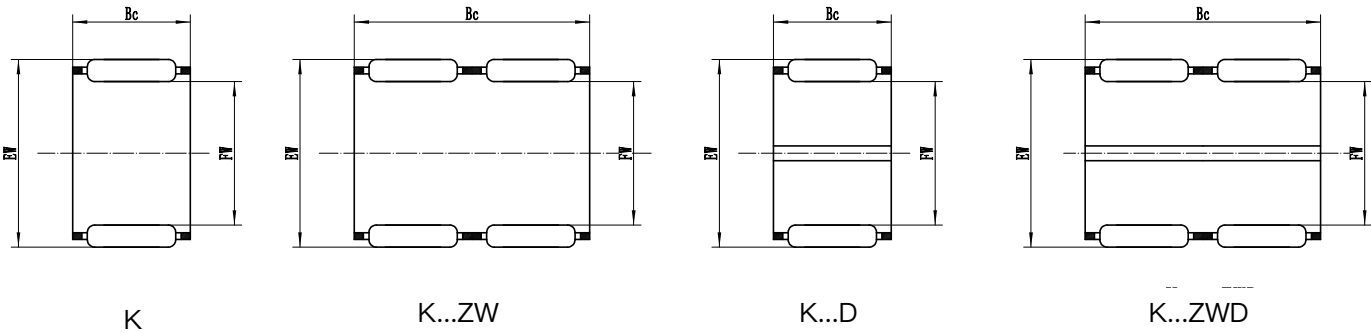
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40	K40x44xNP		20	40	44	13	13500	28000	10000
	K40x45x13	29241/40	21.5	40	45	13	17100	32000	10000
	K40x45x17	49241/40	27.4	40	45	17	20900	41000	10000
	K40x45x21		36.5	40	45	21	24400	49500	10000
	K40x45x27	19241/40	46	40	45	27	32500	72500	10000
	K40x46x17	39242/40	30	40	46	17	24500	44500	9000
	K40x47x18		45.2	40	47	18	29000	49500	9000
	K40x47x20	29243/40	42	40	47	20	32000	56500	9000
	K40x48x20	19244/40	57.7	40	48	20	35500	58500	9000
	K40x45x30 ZW		48	40	45	30	26000	53500	9000
42	K42x47x13	29241/42	22.5	42	47	13	17300	33000	9000
	K42x47x17	49241/42	31.1	42	47	17	21100	42500	9000
	K42x47x25 TN		25.4	42	47	25	27000	57500	9000
	K42x47x27	79241/42	46.6	42	47	27	33000	74500	9000
	K42x48x35	79242/42	60	42	48	35	35000	76000	9000
	K42x50x18		53	42	50	18	31000	49500	9000
	K42x50x20	19244/42	54	42	50	20	34500	56500	9000
	K42x47x30 ZW		54	42	47	30	31000	75500	9000
43	K43x48x17		29.3	43	48	17	21000	42500	9000
	K43x48x27		45.7	43	48	27	33000	74500	9000
	K43x50x18	9249/43	48.5	43	50	18	30500	53500	8000
45	K45x49x19		27	45	49	19	17500	40000	8000
	K45x50x17	49241/45	25.5	45	50	17	22000	45000	8000
	K45x50x27	19241/45	50	45	50	27	34000	79500	8000
	K45x50x32 TN		45	45	50	32	38000	90500	8000
	K45x52x18		51	45	52	18	31000	56500	8000
	K45x52x21 TN		32.9	45	52	21	39500	57500	8000
	K45x53x20	19244/45	62.2	45	53	20	38500	66500	8000
	K45x53x21		65	45	53	21	38000	66500	8000
	K45x53x22		68.4	45	53	22	42000	66500	8000
	K45x53x28		78	45	53	28	51500	97500	8000
	K45x59x18 TN		60.5	45	59	18	43500	53500	7000
	K45x59x32		145.5	45	59	32	72500	101500	7000
	K45x59x36		195	45	59	36	75500	108500	7000
	K45x51x36 ZW		85	45	51	36	44500	98500	7000
47	K47x52x17		32	47	52	17	22800	48500	8000
	K47x52x27		50.7	47	52	27	34500	82500	8000
	K47x53x25		53	47	53	25	38000	81500	8000
	K47x55x28		62.4	47	55	28	52500	99500	7500



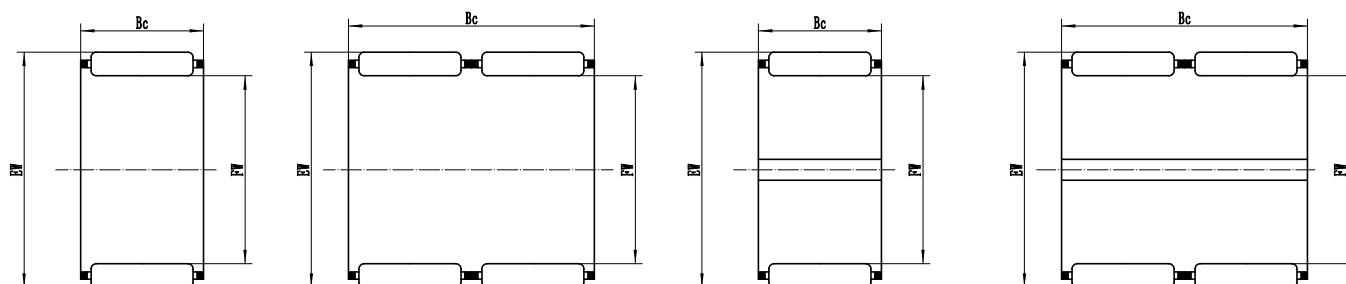
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48	K48x54xNV	39242/48	44	48	54	19	30000	60500	7500
	K48x54x25	59242/48	55	48	54	25	31000	91000	7500
50	K50x55x13.5		31	50	55	13.5	17500	36000	7500
	K50x55x17	49241/50	35	50	55	17	21400	46500	7500
	K50x55x20	59241/50	39.4	50	55	20	26000	59500	7500
	K50x55x30	9243/50	59.4	50	55	30	38500	96500	7500
	K50x57x18		53.4	50	57	18	33000	62500	7000
	K50x58x20	19244/50	64.9	50	58	20	35000	61500	7000
	K50x58x25	29244/50	81	50	58	25	43500	80500	7000
52	K52x57x12		24	52	57	12	17500	36000	7000
55	K55x60x20		43.4	55	60	20	28000	65500	6500
	K55x60x27		60.5	55	60	27	37500	96500	6500
	K55x60x30		68.6	55	60	30	40500	10300	6500
	K55x61x20		56	55	61	20	41000	11000	6500
	K55x62x18		58.4	55	62	18	35000	69500	6500
	K55x63x15		53	55	63	15	245000	40500	6500
	K55x63x20	19243/55	73.3	55	63	20	39500	73500	6500
	K55x63x25	29243/55	88	55	63	25	49500	99500	6500
	K55x63x32		117	55	63	32	61500	129500	6500
	K55x60x40 ZW		96.5	55	60	40	48000	132000	6500
56	K56x61x20		45	56	61	20	27000	64500	6500
58	K58x63x17		42	58	63	17	21500	63500	6000
	K58x64x19		53	58	64	19	24500	77500	6000
	K58x65x18		52	58	65	18	34500	69500	6000
	K58x65x38 ZW		106	58	65	38	48500	106500	6000
60	K60x65x20	49241/60	50.5	60	65	20	29000	71500	6000
	K60x65x30	69241/60	71.2	60	65	30	42000	115500	6000
	K60x68x20	19243/60	79	60	68	20	43000	84500	5500
	K60x68x23		94	60	68	23	49000	100500	5500
	K60x68x25	29243/60	97	60	68	25	52500	110500	5500
	K60x68x27		98	60	68	27	59000	120500	6000
	K60x75x42		240	60	75	42	11300	19200	5500
	K60x66x33 ZW		104	60	66	33	45500	111500	6000
	K60x66x40 ZW		116	60	66	40	57500	150500	5500
	K60x68x30 ZW		136	60	68	30	44000	87500	5500
	K60x68x34 ZW		140	60	68	34	47500	95500	5500
62	K62x70x40 ZW		147.5	62	70	40	65500	145500	5500
63	K63x70x21		75	63	70	21	45000	100500	5500
64	K64x70x16		53	64	70	16	27500	59500	5500



轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	EW mm	Bc	动 N	静 N	
65	K65x70x20	49241/65	49	65	70	20	30000	76500	5500
	K65x70x30		83	65	70	30	43500	93500	5500
	K65x73x23		100	65	73	23	45500	93500	5000
	K65x73x30	39243/65	126	65	73	30	56500	122500	5000
68	K68x74x20	49241/68	65	68	74	20	35000	83500	5000
	K68x74x30	69241/68	97	68	74	30	46000	117500	5000
	K68x74x35 ZW	79241/68	116	68	74	35	48000	124500	5000
	K68x75x20		120	68	75	32	53500	127500	4500
70	K70x76x20	49241/70	70	70	76	20	35500	85500	4500
	K70x76x30	69241/70	100	70	76	30	51500	138500	4500
	K70x78x25	29243/70	115	70	78	25	51500	111500	4500
	K70x78x30	39243/70	136	70	78	30	59500	134500	4500
	K70x80x30	29244/70	150	70	80	30	72500	147500	4500
	K70x78x46 ZW		230	70	78	46	77500	18800	4500
72	K72x80x20	19243/72	94	72	80	20	41000	84500	4500
73	K73x79x20		69	73	79	20	36500	99500	4500
75	K75x81x20	49241/75	72	75	81	20	37000	93500	4500
	K75x81x30	69241/75	106	75	81	30	51500	142000	4500
	K75x83x23		113	75	83	23	49500	108000	4000
	K75x83x30	39243/75	147	75	83	30	91500	142000	4000
	K75x83x35 ZW	49243/75	165	75	83	35	62500	146500	4000
	K75x83x40 ZW	59243/75	190	75	83	40	72500	176500	4000
80	K80x86x20	49241/80	76	80	86	20	38000	97500	4000
	K80x86x30	69241/80	114	80	86	30	55500	158500	4000
	K80x88x30	39243/80	141	80	88	30	71500	178500	4000
	K80x88x40 ZW	59243/80	204	80	88	40	75500	191500	4000
	K80x88x46 ZW	69243/80	235	80	88	46	87500	23000	4000
85	K85x92x20	29241/85	96	85	92	20	44000	107500	3500
90	K90x97x20	29241/90	103	90	97	20	44500	112500	3000
	K90x98x27		150	90	98	27	60500	149500	3000
	K90x98x30	39242/90	172	90	98	30	67500	171500	3000
95	K95x102x20	29241/95	110	95	102	20	45500	122500	2900
	K95x103x30 ZW	39242/95	177	95	103	30	68500	179500	2900
	K95x103x40 ZW	59242/95	250	95	103	40	82500	227500	2900
100	K100x107x21		120	100	107	21	47500	126500	2700
	K100x108x27		176	100	108	27	56500	142500	2700
	K100x108x30	39242/100	190	100	108	30	70500	187500	2700
105	K105x112x21		123	105	112	21	47000	126500	2500
	K105x113x30	39242/105	198	105	113	30	71500	196500	2500



轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	Ew mm	Bc	动 N	静 N	
110	K110x117x24		146	110	117	24	55500	157500	2300
	K110x118x30	39244/110	217	110	118	30	77500	218500	2300
115	K115x123x27		200	115	123	27	63	170	4100
	K115x125x35			115	125	35	63	170	4100
	K115x125x40			115	125	40	65	175	4100
120	K120x127x24		165	120	127	24	59	174	4000
125	K125x133x35		275	125	133	35	86	260	3800
130	K130x127x24		170	130	137	24	61	186	3700
145	K145x153x26		262	145	153	26	74	225	3300
155	K155x163x26		265	155	163	26	75	236	3100
160	K160x170x46		550	160	170	46	152	510	3000
165	K165x173x26		320	165	173	26	81	265	3000
175	K175x183x32		400	175	183	32	99	350	2700
185	K185x195x37		607	185	195	37	128	425	2600
195	K195x205x37		620	195	205	37	133	450	2500
210	K210x220x42		740	210	220	42	154	560	2300
220	K220x230x42		790	220	230	42	158	590	2200
240	K240x250x42		850	240	250	42	164	630	2000
265	K265x280x50		1810	265	280	50	255	860	1800



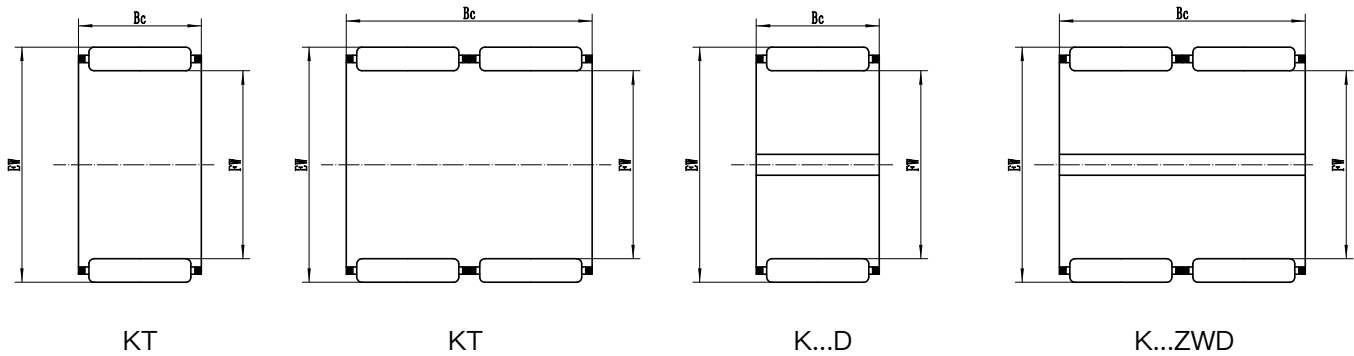
KT

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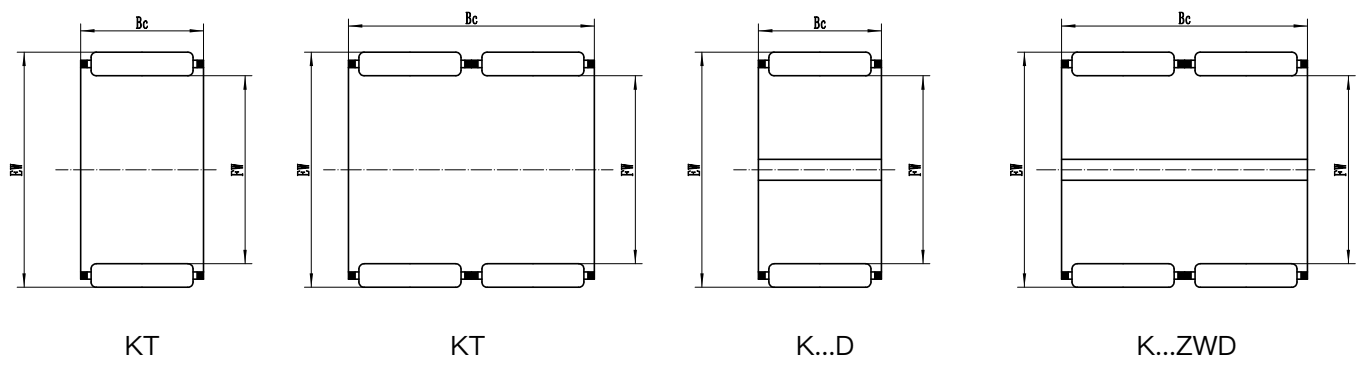
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K...ZWD

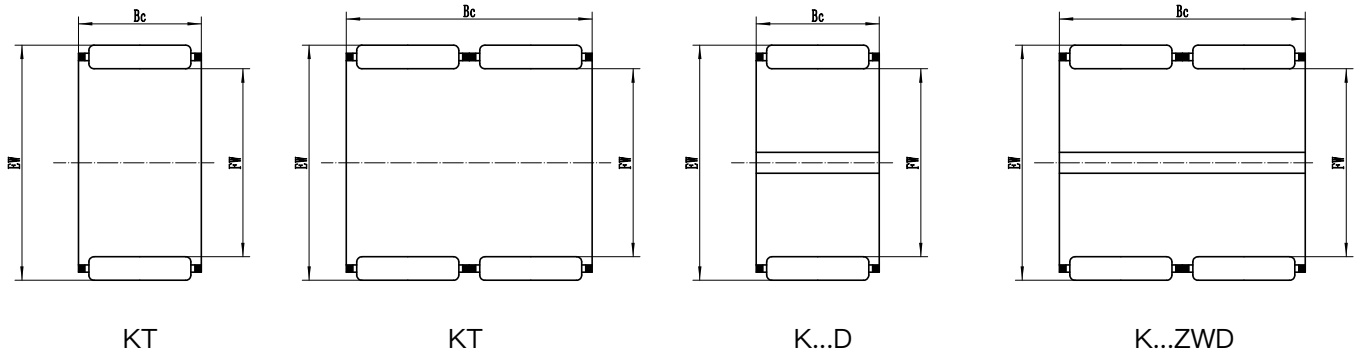
轴径 mm	轴承型号	重量 g	Fw	外形尺寸 Ew mm	Bc
25	KT25x35x15	33	25	35	15
	KT25x35x25	48	25	35	25
	KT25x35x30	58	25	35	30
29	KT29x37x28	50	29	37	28
	KT29x37x34	60	29	37	34
	KT29x42x43	120	29	42	43
	KT29x43x43	127	29	43	43
30	KT30x38x16	36	30	38	16
	KT30x38x18	37	30	38	18
	KT30x38x22	43	30	38	22
	KT30x38x24	49	30	38	24
	KT30x38x25	50	30	38	25
	KT30x38x30	59	30	38	30
	KT30x38x35	62	30	38	35
	KT30x40x18	39	30	40	18
	KT30x40x20	42	30	40	20
	KT30x40x32	85	30	40	32
	KT30x42x15	30	30	42	15
	KT30x42x22. 3	54	30	42	22. 3
	KT30x42x25	65	30	42	25
	KT30x42x26	70	30	42	26
	KT30x42x30	88	30	42	30
	KT30x42x36	98	30	42	36
	KT30x45x23	80	30	45	23
	KT30x45x25	86	30	45	25
	KT30x45x30	93	30	45	30
	KT30x46x28	90	30	46	28
31. 7	KT31. 7x37. 7x24	30	31. 7	37. 7	24
32. 4	KT32. 4x49. 4x27	119	32. 4	49. 4	27
	KT32. 4x49. 4x28	128	32. 4	49. 4	28
32. 5	KT32. 5x49. 5x27. 7	118	32. 5	49. 5	27. 7
	KT32. 5x49. 5x27	109	32. 5	49. 5	27
	KT32. 5x49. 5x28	130	32. 5	49. 5	28



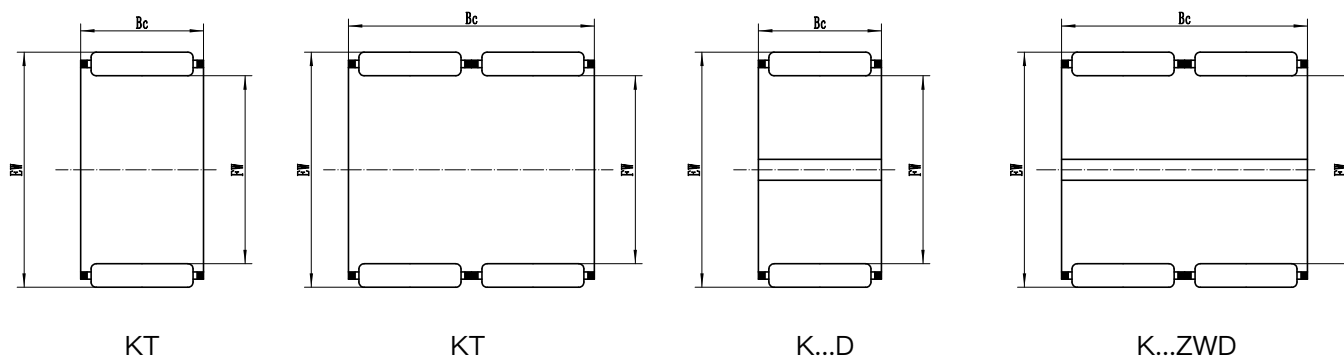
轴径 mm	轴承型号	重量 g	Fw	外形尺寸	
				Ew mm	Bc
32	KT32x37x27	35	32	37	27
	KT32x38x24	40	32	38	24
	KT32x38x26	48	32	38	26
	KT32x39x16	29	32	39	16
	KT32x39x20	37	32	39	20
	KT32x40x25	45	32	40	25



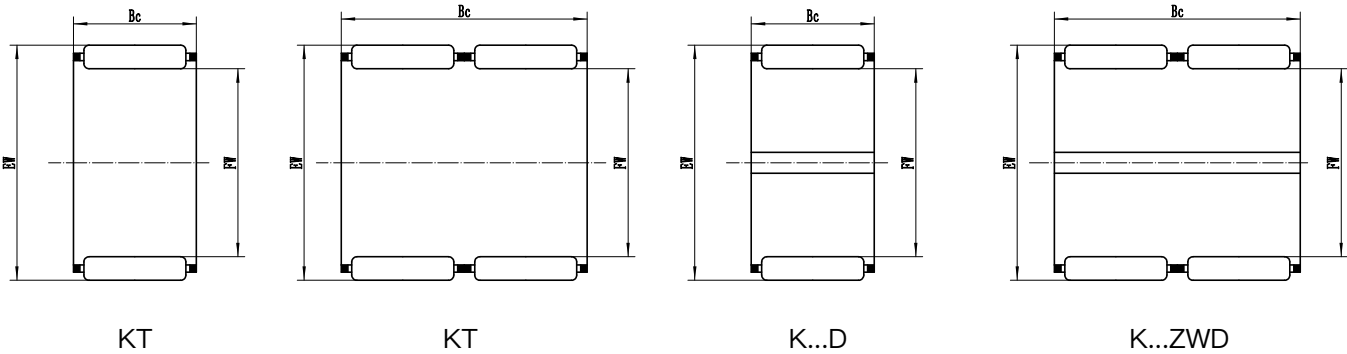
轴径 mm	轴承型号	重量 g	Fw	外形尺寸	
				Ew mm	Bc
32	KT32x40x27.5	52	32	40	27.5
	KT32x40x30	62	32	40	30
	KT32x40x50	90	32	40	50
	KT32x40x54	104	32	40	54
	KT32x40x58	118	32	40	58
	KT32x41x20	40	32	41	20
	KT32x41x25	51	32	41	25
	KT32x41x30	70	32	41	30
	KT32x42x20	48	32	42	20
	KT32x42x41	82	32	42	41
	KT32x44x18	58	32	44	18
	KT32x45x25	85	32	45	25
	KT32x46x18	66	32	46	18
	KT32x48x25	98	32	48	25
34	KT34x46x16	32	34	46	16
	KT34x46x18	36	34	46	18
	KT34x46x22	59	34	46	22
	KT34x52x33	130	34	52	33



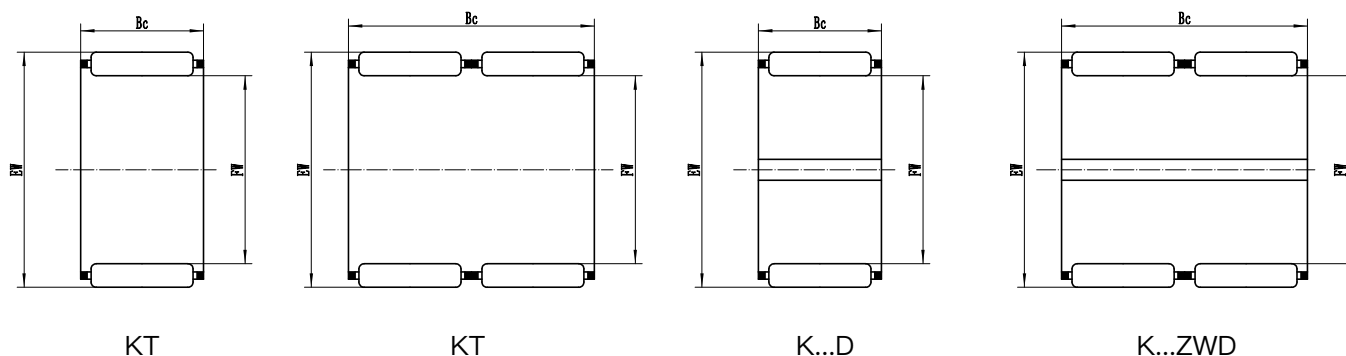
轴径 mm	轴承型号	重量 g	Fw	外形尺寸	
				Ew mm	Bc
35	KT35x40x27	38	35	40	27
	KT35x42x20	41	35	42	20
	KT35x43x34	78	35	43	34
	KT35x45x20	47	35	45	20
	KT35x45x22	50	35	45	22
	KT35x45x23	59	35	45	23
	KT35x45x25	69	35	45	25
	KT35x45x30	82	35	45	30
	KT35x45x41	113	35	45	41
	KT35x45x43	118	35	45	43
	KT35x47x20	55	35	47	20
	KT35x47x30	83	35	47	30
	KT35x48x25	72	35	48	25
	KT35x49x20	50	35	49	20
	KT35x49x25	63	35	49	25
	KT35x49x28	80	35	49	28
	KT35x49x32	90	35	49	32
	KT35x49x39	98	35	49	39
	KT35x49x45	113	35	49	45
	KT35x50x30	80	35	50	30
	KT35x50x40	107	35	50	40



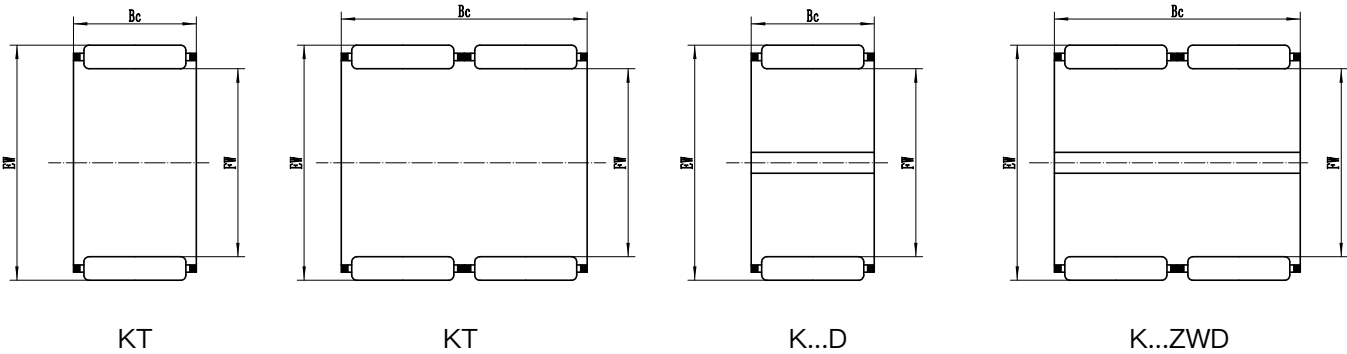
轴径 mm	轴承型号	重量 g	Fw	外形尺寸	
				Ew mm	Bc
35	KT35x51x25	75	35	51	25
	KT35x51x27	81	35	51	27
	KT35x51x30	90	35	51	30
	KT35x51x32	96	35	51	32
	KT35x51x45	135	35	51	45
36	KT36x48x22.3	50	36	48	22.3
	KT36x48x25	56	36	48	25
	KT36x48x29	65	36	48	29
	KT36x48x36	80	36	48	36
	KT36x49x30	80	36	49	30
	KT36x51x27.2	85	36	51	27.2
	KT36x51x27.5	88	36	51	27.5
	KT36x52x30	95	36	52	30
	KT36x52x36	114	36	52	36
	KT36x55x22.3	95	36	55	22.3
38.4	KT38.4x49.4x28	90	38.4	49.4	28
38	KT38x43x17	27	38	43	17
	KT38x47x32	88	38	47	32
	KT38x47x38	105	38	47	38
	KT38x50x30	85	38	50	30
	KT38x50x32	90	38	50	32
	KT38x50x40	113	38	50	40
	KT38x52x30	108	38	52	30
	KT38x52x42.5	153	38	52	42.5
	KT38x52x49	177	38	52	49
	KT38x54x32	125	38	54	32
	KT38x54x35	137	38	54	35
	KT38x58x33	145	38	58	33
39	KT39x55x20	77	39	55	20
	KT39x55x20.5	79	39	55	20.5
	KT39x55x22.3	87	39	55	22.3
	KT39x55x25	97	39	55	25



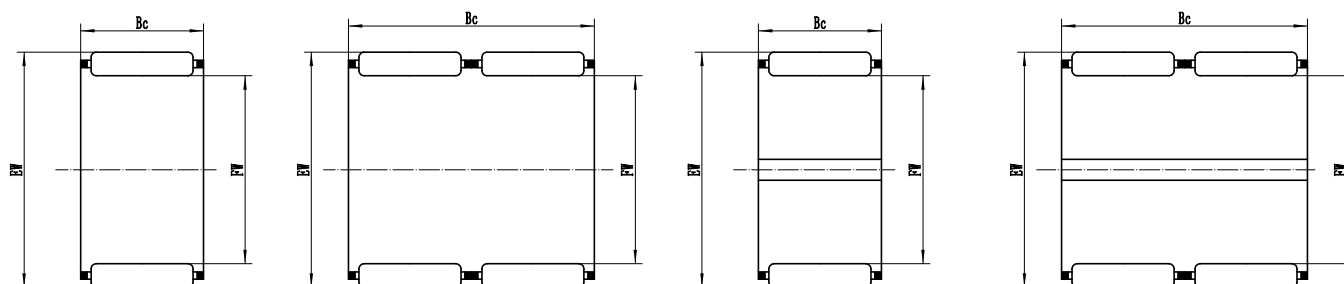
轴径 mm	轴承型号	重量 g	Fw	外形尺寸	
				Ew mm	Bc
40	KT40x45x20	32	40	45	20
	KT40x45x50	78	40	45	50
	KT40x45x60	94	40	45	60
	KT40x46x34	80	40	46	34
	KT40x47x20	40	40	47	20
	KT40x47x40	80	40	47	40
	KT40x48x17	44	40	48	17



轴径 mm	轴承型号	重量 g	Fw	外形尺寸	
				Ew mm	Bc
40	KT40x48x20	53	40	48	20
	KT40x48x21	56	40	48	21
	KT40x48x25	65	40	48	25
	KT40x48x30	78	40	48	30
	KT40x50x21	64	40	50	21
	KT40x50x25	77	40	50	25
	KT40x50x28	86	40	50	28
	KT40x50x30	92	40	50	30
	KT40x50x36	110	40	50	36
	KT40x50x40	122	40	50	40
	KT40x50x45	138	40	50	45
	KT40x50x46	141	40	50	46
	KT40x50x50	153	40	50	50
	KT40x52x18	60	40	52	18
	KT40x53x44	129	40	53	44
	KT40x54x32	144	40	54	32
	KT40x54x50	215	40	54	50
	KT40x54x51	230	40	54	51
	KT40x55x20	86	40	55	20
	KT40x55x21	91	40	55	21
	KT40x55x27	116	40	55	27
	KT40x55x28	121	40	55	28
	KT40x55x30	129	40	55	30
	KT40x56x21	95	40	56	21
	KT40x56x32	145	40	56	32
	KT40x57x31.5	135	40	57	31.5
	KT40x58x30	149	40	58	30
	KT40x58x30.5	152	40	58	30.5
	KT40x58x32	159	40	58	32
	KT40x58x40	199	40	58	40
	KT40x58x44	219	40	58	44
	KT40x60x22	90	40	60	22
	KT40x60x30	123	40	60	30
	KT40x60x32	130	40	60	32
	KT40x60x40	165	40	60	40
	KT40x62x40	178	40	62	40



轴径 mm	轴承型号	重量 g	Fw	外形尺寸	
				Ew mm	Bc
41	KT41x49x17	44	41	49	17
	KT41x53x16	72	41	53	16
42	KT42x48x21	42	42	48	21



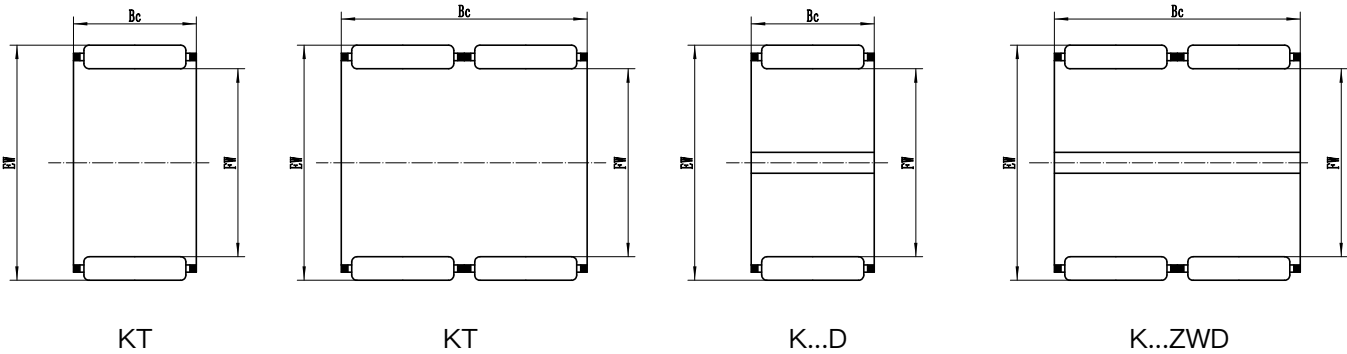
KT

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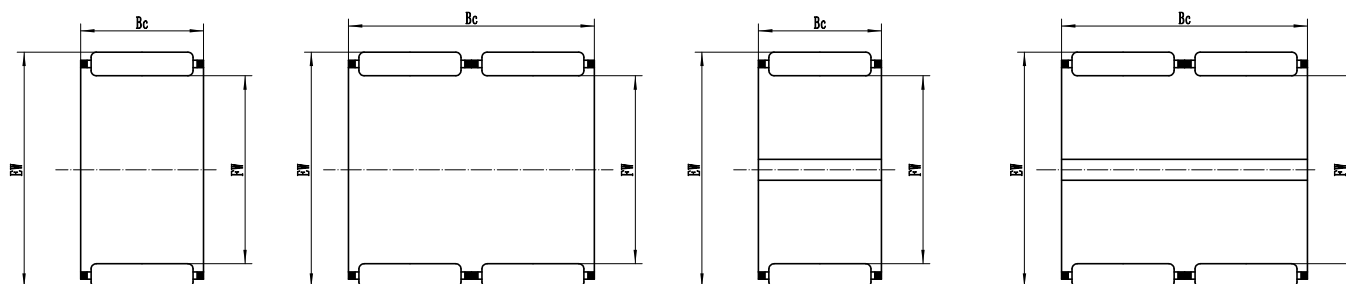
K...D

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轴径 mm	轴承型号	重量 g	Fw	外形尺寸	
				Ew mm	Bc
42	KT42x48x22	44	42	48	22
	KT42x49x30	66	42	49	30
	KT42x49x35	77	42	49	35
	KT42x50x20	55	42	50	20
	KT42x50x30	81	42	50	30
	KT42x54x18	58	42	54	18
	KT42x58x25	91	42	58	25
	KT42x58x30	110	42	58	30
	KT42x58x38	139	42	58	38
43	KT43x49x30	80	43	49	30
	KT43x53x25	67	43	53	25
	KT43x53x28	75	43	53	28
	KT43x63x30	140	43	63	30
	KT43x63x33	154	43	63	33
	KT43x63x50	234	43	63	50
	KT43x63x54	252	43	63	54
	KT43x64x30	160	43	64	30
	KT45x52x18	50	45	52	18
	KT45x53x25	72	45	53	25
45	KT45x53x27.5	79	45	53	27.5
	KT45x53x31	90	45	53	31
	KT45x53x35	101	45	53	35
	KT45x55x24	81	45	55	24
	KT45x55x48	161	45	55	48
	KT45x57x25	91	45	57	25
	KT45x57x45	170	45	57	45
	KT45x57x50	189	45	57	50
	KT45x60x25	95	45	60	25
	KT45x65x34	160	45	65	34
	KT45x65x43	203	45	65	43
	KT45x65x55	259	45	65	55
46	KT46x56x30	91	46	56	30
	KT46x58x33	97	46	58	33
	KT46x62x30	95	46	62	30



轴径 mm	轴承型号	重量 g	Fw	外形尺寸	
				Ew mm	Bc
47	KT47x55x30	90	47	55	30
	KT47x65x25	108	47	65	25
	KT47x65x27. 2	118	47	65	27. 2
	KT47x65x27. 3	118	47	65	27. 3
	KT47x65x27. 5	119	47	65	27. 5



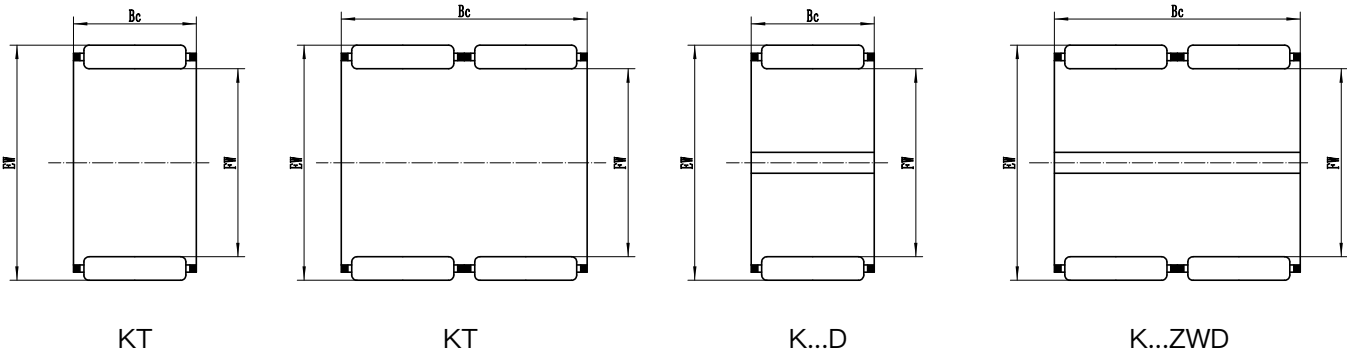
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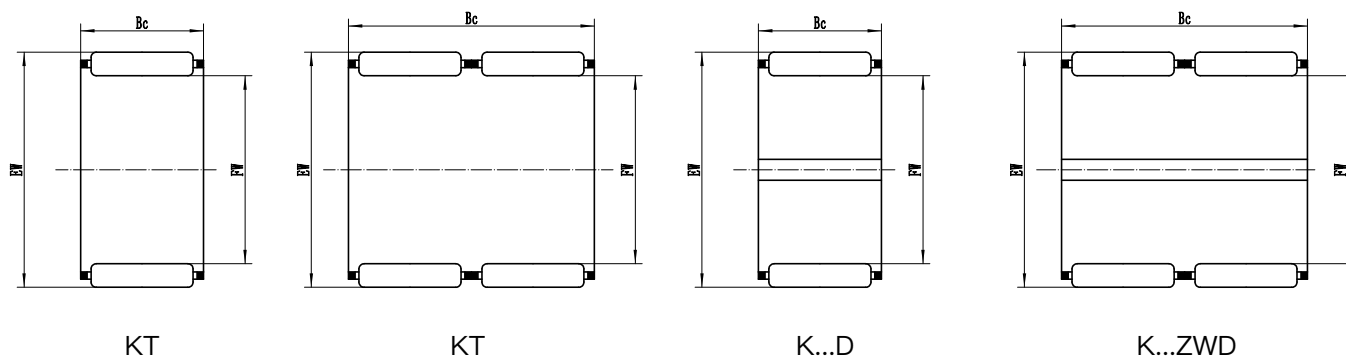
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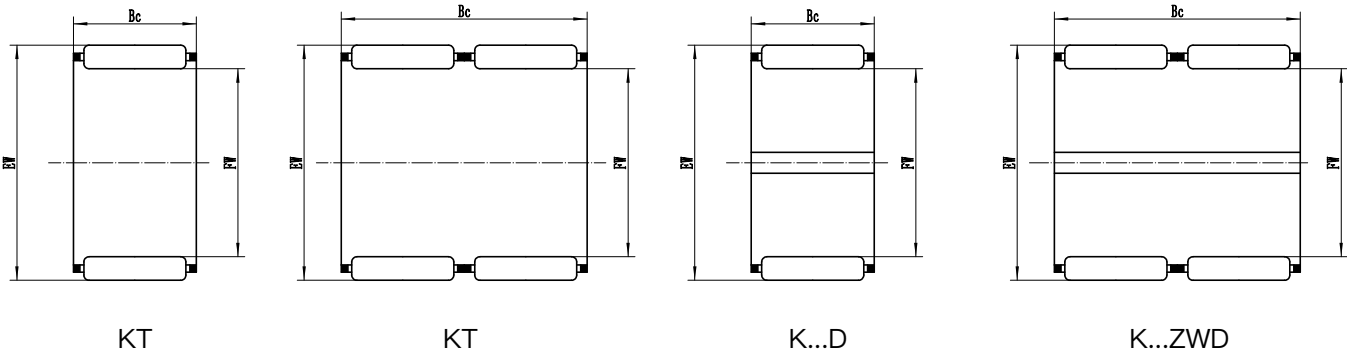
轴径 mm	轴承型号	重量 g	Fw	外形尺寸	
				Ew mm	Bc
47	KT47x65x50	216	47	65	50
	KT47x67x25	120	47	67	25
	KT47x67x50	240	47	67	50
	KT47x67x54.5	262	47	67	54.5
48	KT48x58x50	210	48	58	50
	KT48x68x50	258	48	68	50
49	KT49x55x30	97	49	55	30
50.8	KT50.8x64.8x60	280	50.8	64.8	60
	KT50.8x64.8x44	206	50.8	64.8	44
	KT50.8x64.8x50	234	50.8	64.8	50
50	KT50x55x30	58	50	55	30
	KT50x58x20	65	50	58	20
	KT50x58x25	80	50	58	25
	KT50x58x30	97	50	58	30
	KT50x60x30	107	50	60	30
	KT50x60x40	143	50	60	40
	KT50x60x55	196	50	60	55
	KT50x65x32	117	50	65	32
	KT50x70x28	120	50	70	28
	KT50x70x30	129	50	70	30
	KT50x70x32	137	50	70	32
	KT50x70x36	155	50	70	36
	KT50x70x43	185	50	70	43
51	KT51x61x25	96	51	61	25
	KT51x61x32	123	51	61	32
	KT51x61x38	146	51	61	38
	KT51x65x25	110	51	65	25
	KT51x65x31	136	51	65	31
	KT51x65x50	220	51	65	50
	KT51x71x48	196	51	71	48
	KT51x71x49	200	51	71	49
	KT51x71x60	245	51	71	60
	KT51x71x70	285	51	71	70



轴径 mm	轴承型号	重量 g	Fw	外形尺寸	
				Ew mm	Bc
52	KT52x60x25	93	52	60	25
	KT52x63x30	98	52	63	30
	KT52x68x30	115	52	68	30
	KT52x72x30	124	52	72	30
	KT52x72x32	132	52	72	32
53	KT53x73x21	89	53	73	21



轴径 mm	轴承型号	重量 g	Fw	外形尺寸 Ew mm	Bc
53	KT53x73x27.3	115	53	73	27.3
	KT53x73x30	127	53	73	30
	KT53x73x50	211	53	73	50
	KT53x73x54.5	230	53	73	54.5
54	KT54x64x50	132	54	64	50
55	KT55x61x17	50	55	61	17
	KT55x63x15	53	55	63	15
	KT55x63x32	112	55	63	32
	KT55x65x32	128	55	65	32
	KT55x65x43	172	55	65	43
57	KT57x63x42	168	57	63	42
	KT57x63x43	173	57	63	43
58	KT58x65x36	98	58	65	36
	KT58x78x28	135	58	78	28
60	KT60x66x23	106	60	66	23
	KT60x76x55	148	60	76	55
	KT60x82x30	155	60	82	30
	KT60x84x36	170	60	84	36
	KT60x86x60	298	60	86	60
62	KT62x70x36	133	62	70	36
	KT62x70x40	148	62	70	40
63	KT63x70x40	150	63	70	40
64	KT64x74x41	149	64	74	41
66	KT66x75x50	143	66	75	50
	KT66x76x36	168	66	76	36
	KT66x86x28	172	66	86	28
	KT66x86x36	221	66	86	36
68	KT68x76x43	175	68	76	43
	KT68x78x34	190	68	78	34
	KT68x80x25	155	68	80	25
	KT68x88x60	320	68	88	60
70	KT70x80x40	180	70	80	40
	KT70x85x40	185	70	85	40
74	KT74x90x48	193	74	90	48
	KT74x90x50	204	74	90	50



轴径 mm	轴承型号	重量 g	Fw	外形尺寸	
				Ew mm	Bc
75	KT75x81x20	102	75	81	20
76	KT76x86x36	177	76	86	36
78	KT78x85x23	147	78	85	23
84	KT84x92x44	216	84	92	44

冲压外圈滚针轴承

Drawn Cup Needle Roller Bearings

冲压外圈滚针轴承采用优质钢板经精密冲压而成，外圈壁薄，具有径向截面积小，承载能力大，惯性小，制造经济等特点。是用于安装空间受到限制和壳体孔不宜作为滚道，轴承压入座孔后不需再轴向定位。

冲压外圈滚针轴承一般以轴径为内滚道，但根据使用条件也可选用合适的 LR 型内圈配合使用。

冲压外圈滚针轴承主要有带保持架和满装滚针两种结构，两种结构各又有穿孔型和封口型之分，有保持架的又有单面带密封圈与双面带密封圈等形式。满装滚针结构具有较大的承载能力。

JYU 可提供本样本中所列标准和非标准公制尺寸。英制系列冲压外圈滚针轴承以及外圈有油孔、双列滚针、尼龙保持架，有内圈、有密封圈等有特殊要求（订货时有特殊技术要求）高精度的冲压外圈滚针轴承。

The outer ring of drawn cup needle roller bearing is punched with the high-quality steel sheet. The outer ring has thin wall. The drawn cup needle roller bearing has the characteristics of small radial section area, large load carrying capacity, less inertia and economic manufacture. It is suitable for small section height, or when the housing bore isn't used for raceway, this type is recommended to use. The bearing is assembled into the housing bore under a certain pressure without further axial location.

The drawn cup needle roller bearing generally takes its shaft diameter as the internal raceway. However, the proper LR type inner ring can be used in accordance with application condition.

The drawn cup needle roller bearing has two structures - with retainer and with full of needles. They are divided into open-end type and close-end type. The structure with retainer has the single seal ring and double seal ring. The structure with full of needles has a large load carrying capacity.

JYU can provide all drawn cup needle roller bearings listed in this catalogue, including standard size and non-standard metric size, and inch-series as well as the high-precision drawn cup needle roller bearings with special requirements such oil hole in outer ring, double-row needles, nylon retainer, inner ring, seal ring, etc. (special technical requirement on order).



轴承检验

Inspection of Bearings

根据 ZBJ11020 标准和世界各滚针轴承制造公司（日本 NTN, KOYO, 德国 INA, 美国 TORRINGTON）对冲压外圈滚针轴承的检验规定：冲压外圈壁薄，热处理易变形，在安装前测量检验轴承外径毫无意义。测量检验时应使被测量轴承压入标准座孔后才能获得最终尺寸和几何精度。座孔尺寸偏差应符合推荐规定（见表 1）。滚针内接圆直径近似在公差带 F8 范围内。

In accordance with ZBJ11020 standard and inspection regulations of the world needle roller bearing manufacturing company (such as Japan NTN, KOYO, Germany INA, American TORRINGTON). Since the punched outer ring has thin wall and is easy to be deformed in heat treatment, it is unnecessary to inspect the outside diameter of bearing before installation. Only when the inspected bearing is pressed into the standard housing bore, the final size and geographic accuracy can be obtained. The tolerance of housing bore size shall be in conformity with regulations (see Table -1). The inscribed circle diameter for needle roller will conform to the range of tolerance F8.

推荐的座孔和轴的公差

Recommended Tolerance of Shaft and Housing Bore

表 1 (Table 1)

轴承座材料（刚性轴承座） Material of bearing housing (Rigid Housing)	座孔公差 Housing Bore Tolerance	轴公差 Shaft Tolerance (table-1)	
钢或铸铁 Steel or Cast-iron	N6(N7)	无内圈 Without inner ring	有内圈 With inner ring
有色金属或座孔壁厚小于 6mm Nonferrous metal or wall thickness of housing bore less than 6mm	N6(N7)	h5(h6)	k5(j6)

关于冲压外圈轴承的滚针内接圆直径偏差的正确的测量检查方法：

1. 测量时应使被测量轴承和标准件处于同一温度，测量的标准温度为 20℃。
2. 成套轴承滚针组单一最小内径的偏差 ΔF_{wmin} 的检查，是将轴承压入标准圈中用极限塞规检查。

The correct measuring method for tolerance of inscribed circle diameter of needle roller:

1. In measuring, the inspected bearing and standard part should be under same temperature. The standard temperature for inspection is 20℃ .
2. As for the inspection of single minor inside diameter deviation ΔF_{wmin} for package bearing roller set, it shall be inspected with limit plug gauge.

成套轴承滚针组单一最小内径的偏差按表 2 的规定

Deviation of single minor inside diameter in package bearing roller set specified in Table – 2

表 2 μm (Table 2)

滚针组公称内径 $F_w(mm)$ Nominal Inside Diameter of Needle Roller Set $F_w(mm)$		$\Delta F_{wnin}=F_{wnin}-F_w$	
超过 (Over)	到 (Up to)	上差 (Upper Deviation)	下差 (Lower Deviation)
3	6	+28	+10
6	10	+31	+13
10	18	+34	+16
18	30	+41	+20
30	50	+50	+25
50		+60	+30

轴承单一宽度偏差 ΔCs 统一规定为 $0_{-0.25}^0$ mm, 标准圈按表 3 规定

Bearing single width deviation Δ is specified as $0/-0.25$ mm and the tolerance of standard ring is shown as Table – 3
表 3 mm (Table 3)

轴承公称外径 D(mm) Nominal Outside Diameter of Bearing D(mm)		轴承公称内径 Nominal Inside Diameter of Bearing	标准圈公差 μm Standard ring tolerance	标准圈壁厚 Standard ring wall thickness
超过 (Over)	到 (Up to)			
6	10	D-0.016	按 GB1957 中 IT8 公差 级的规定 Specified according to IT8 of GB1957Specified	大于或等于 20 More than or equal to 20
10	18	D-0.020		
18	30	D-0.024		
30	50	D-0.028		
50	80	D-0.033		

塞规按表 4 规定

Insert Gauge according to the stipulation shown in Table – 4
表 4 (Table 4)

轴承公称外径 FW(mm) Nominal Outside Diameter of Bearing FW(mm)		塞规公称外径 Nominal Outside Diameter of Insert Gauge		塞规公差 μm Tolerance of Insert Gauge μm
超过 (Over)	到 (Up to)	通端 (Go-end)	止端 (No-go-end)	
3	6	Fw+0.010	Fw+0.030	按 GB1957 中 IT7 公差级的规定 In accordance with tolerance shown in GB1957 IT 7
6	10	Fw+0.013	Fw+0.033	
10	18	Fw+0.016	Fw+0.036	
18	30	Fw+0.020	Fw+0.043	
30	50	Fw+0.025	Fw+0.052	
50		Fw+0.030	Fw+0.062	

若用户另有要求,由本公司与用户协商签订。

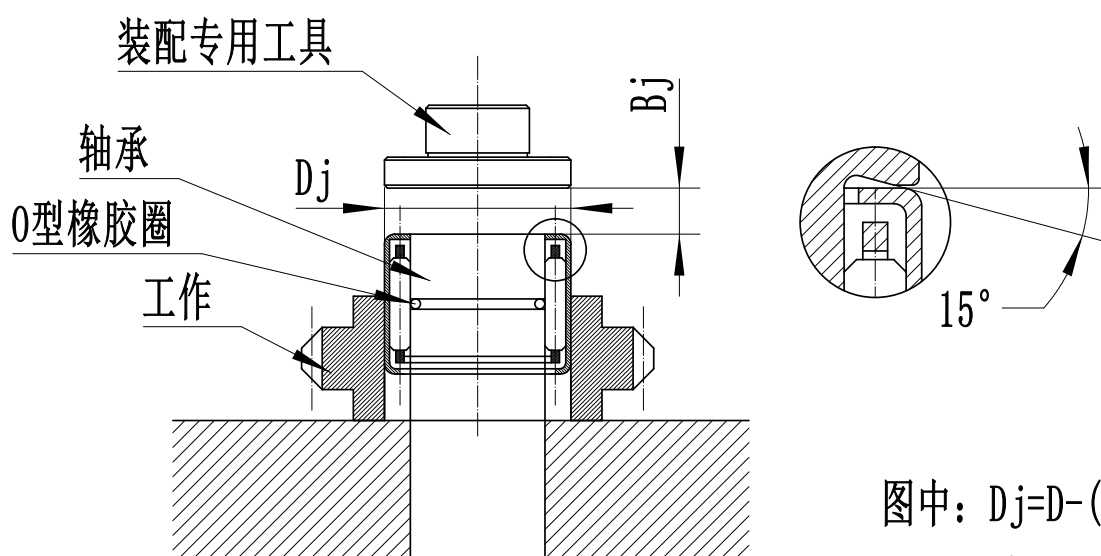
If customer has the additional requirement, it shall be made on agreement between company and customer.

安装

Installation

为了避免冲压外圈产生局部变形或脆裂，防止滚针的正常工作遭受破坏。禁止在安装轴承时使用手锤等工具敲击薄壁外圈，应使用压力机或专用安装工具进行安装，参考轴承安装方法示意图如下：

In order to prevent the outer ring from deforming or cracking and needles from damage, it is prohibited to knock the thin-wall outer ring with harmer in installation. The press machine or special assembling tools shall be used for installation. The installation of bearings refers to the following schematic drawing.



图中： $Dj = D - (0.2 - 0.3) \text{ mm}$

$Fj = Fw - 0.025 \text{ mm}$

Bj 由安装位置决定

冲压外圈带保持架滚针轴承

Drawn Cup Needle Roller Bearings With Retainer

冲压外圈滚针轴承是用薄钢板精密冲压而成形的，剖面高度极小，且具有较大负荷容量，特别适用于要求经济性的大批量产品。

该类滚针轴承的外圈与轴承箱采用静配合，不需要轴向固定装置。即使在高速大负荷条件下，也能充分保持轴承功能。另外，因贮脂容积大，可长期不加润滑脂。

封口型轴承的一端为密封式，适用于轴端且可承受小的轴向游动力。

HK TA TLA穿孔型有保持架冲压外圈滚针轴承，BK封口型有保持架冲压外圈滚针轴承，SCE BA J JH冲压外圈滚针轴承（英制系列）

The outer ring of drawn cup needle roller bearing is punched with the steel sheet. It has the small sectional height and the large load carrying capacity and is suitable for economic mass production.

The interference fit between outer ring and bearing housing is applied to this kind of needle roller bearing without axial fixing device. Even for the condition of high load, it fully maintains bearing function either. In addition, with the large grease-storage capacity, it is unnecessary to add grease for a long-term operation.

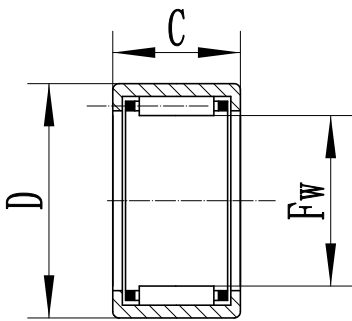
Since one end of the close-end bearing is sealed, it is suitable for the end of shaft with bearing the small axial sliding force.

Model HK, TA, TLA, open-end drawn cup needle roller bearings with retainer,

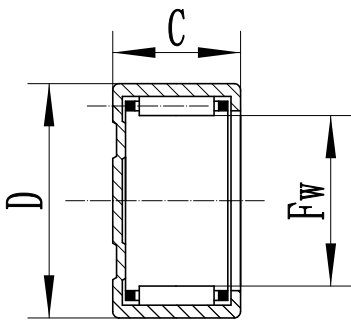
Model BK close-end drawn cup needle roller bearing with retainer,

Model SCE, BA, J, JH, drawn cup needle roller bearings (Inch series).

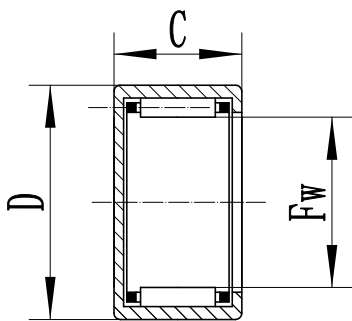




HK(穿孔)

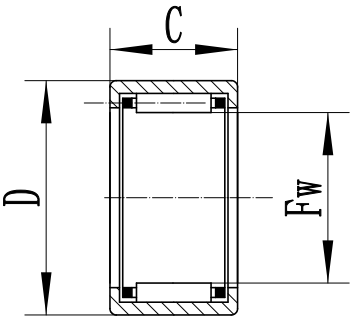


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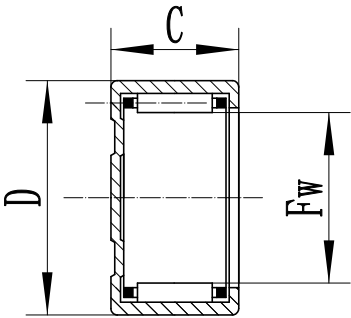


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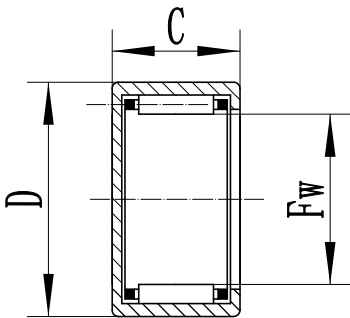
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	现型号	原型号		Fw	D mm	C	动	静 N	
3	HK0306TN			3	6.5	6	1320	950	6000
	BK0306TN			3	6.5	6	1320	950	6000
4	HK0408TN	37941/4	1.6	4	8	8	1540	1070	40000
	BK0408TN	5941/4	1.8	4	8	8	1540	1070	40000
5	HK0509TN			5	11	9	2200	1790	36000
	HK0509	47941/5	2	5	9	9	2200	1790	36000
	BK0509	45941/5	2.1	5	9	9	2200	1790	36000
	HK0510			5	9	10			
6	HK0606			6	10	6			
	HK0607	27941/6	1.8	6	10	7	1600	1400	30000
	HK0608	37941/6	2.1	6	10	8	1830	1550	32000
	BK0608	35941/6	2.2	6	10	8	1830	1550	32000
	HK0609	47941/6	2.2	6	10	9	2650	2400	30000
	BK0609	45941/6	2.6	6	10	9	2650	2400	30000
	HK0611		2.3	6	10	11	1700	1500	29000
	HK06X12X8	3941/6	2.5	6	12	8	2230	2010	33000
7	HK0708			7	11	8	2800	2150	27000
	HK0709	47941/9	2.3	7	11	9	2800	2150	27000
	BK0709	45941/9	2.9	7	11	9	2800	2150	27000
	HK0712			7	11	12			
	HK07X12X08		2.2	7	12	8	3300	3220	37000
	HK07X12X09		2.4	7	12	9	3400	3150	37000
8	HK0808	37941/8	2.7	8	12	8	2550	2400	21000
	HK0808TN			8	12	8			
	BK0808	35941/8	3	8	12	8	2550	2400	21000
	HK0810	57941/8	3	8	12	10	3700	3450	21000
	BK0810	88941/8	3.4	8	12	10	3700	3450	21000
	HK0812	67941/8		8	12	12			
	HK08X14X10	27942/8	5.35	8	14	10	3800	3950	25000
	BK08X14X10	25942/8	5.8	8	14	10	3800	3950	25000
	HK08X14X12	37942/8	6.6	8	14	12	4100	4320	25000
9	HK0908	37941/9	3	9	13	8	3650	4050	25000
	BK0908	35941/9	3.4	9	13	8	3650	4050	25000
	HK0910	57941/9	4	9	13	10	4050	4250	25000
	BK0910	55941/9	4.3	9	13	10	4050	4250	25000
	HK0911		4.1	9	13	11	4300	4700	25000
	HK0912	67941/9	4.6	9	13	12	5000	6000	25000
	BK0912	65941/9	4.9	9	13	12	5000	6000	25000
	HK09X15X10	27942/9	5.6	9	15	10	5300	6300	25000



HK(穿孔)

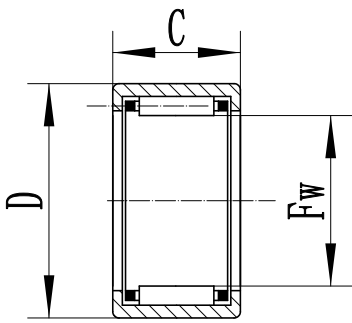


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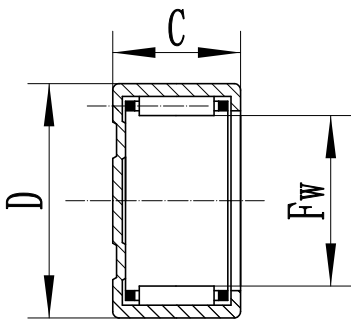


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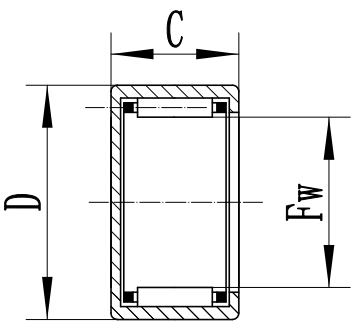
轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	D mm	C	动 N	静 N	
10	HK10X13X08		3.5	10	13	8	4100	4800	20000
	HK1010	57941/10	4.1	10	14	10	3900	4800	19000
	BK1010	55941/10	4.3	10	14	10	3900	4800	19000
	HK1012	67941/10	4.8	10	14	12	5000	6300	19000
	BK1012	65941/10	5	10	14	12	5000	6300	19000
	HK1015		6	10	14	15	6700	7800	19000
	BK1015		6.2	10	14	15	6700	7800	19000
	HK10X15X15	644900	6.5	10	15	15	6800	8800	18000
	HK10X16X10		6.5	10	16	10	6800	8800	18000
	BK10X16X10		6.8	10	16	10	6800	8800	18000
	HK10X16X12	DB1012	7.5	10	16	12	6800	8800	18000
	HK10X16X15	7942/10	11	10	16	15	6800	8800	19000
	HK10X17X15		11.5	10	17	15	7200	8000	19000
	HK10X18X12		8.5	10	18	12	7200	8000	19000
12	HK1208	37941/12	3.3	12	16	8	7200	8000	19000
	HK1210	57941/12	4.6	12	16	10	4150	5800	19000
	BK1210	55941/12	5.2	12	16	10	4150	5800	19000
	HK1212	67941/12	5.6	12	18	12	3800	5100	15000
	BK1212	65941/12	6.2	12	16	12	3800	5100	15000
	HK12X17X12	7941/12	7.5	12	17	12	5100	7000	15000
	HK12X17X15	7942/12	9.5	12	17	15	5100	7000	15000
	HK12X17X18	7943/12	11	12	17	18	5100	7000	15000
	HK12X18X12	37942/12	9.1	12	18	12	5500	6300	17000
	BK12X18X12	35942/12K	10.3	12	18	12	5500	6300	17000
	HK12X18X14	67942/12	10.6	12	18	14	6500	6300	15000
	HK12X19X12		10	12	19	12	6800	7400	15000
13	HK1311		8.5	13	19	11	6300	6300	14000
	HK1312		8.9	13	19	12	6200	7100	17000
	BK1312		11.2	13	19	12	6200	7100	17000
13.5	HK13.5X19X12			13.5	19	12	6200	7100	16000
	HK13.5X20X12	7941/13.5	10.8	13.5	20	12	6250	7590	16000
14	HK1410	27941/14	8.3	14	20	10	6700	7000	16000
	BK1410	35941/14	12.1	14	20	10	6700	7000	16000
	HK1412	37941/14	10.5	14	20	12	6800	7500	16000
	HK1416	57941/14	13.9	14	20	16	7300	9000	14000
	HK1418			14	20	18	7300	9000	14000
15	HK15X20X12	7941/15	8.4	15	20	12	5800	6000	14000
	HK15X20X16	7942/15	11.4	15	20	16	6000	6200	14000
	HK15X20X20	7943/15	13.8	15	20	20	6100	6400	14000



HK(穿孔)

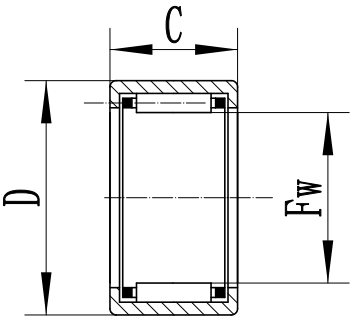


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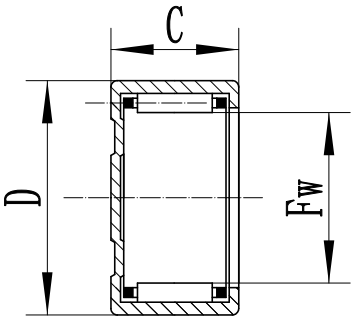


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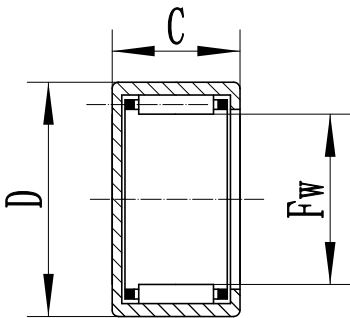
轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	D mm	C	动 N	静 N	
15	HK1512	37941/15	11.1	15	21	12	7000	8400	14000
	BK1512	35941/15	12.7	15	21	12	7000	8400	14000
	HK1514	47941/15	12.7	15	21	14	8500	10400	13000
	HK1515		14.2	15	21	15	9100	11400	13000
	BK1515			15	21	15	9800	11400	14000
	TA1515			15	22	15		11400	
	TA1515Z			15	22	15		11400	
	HMK1515			15	22	15			
	HK1516	57941/15	15	15	21	16	9800	11400	14000
	BK1516	55941/15	16.5	15	21	16	9800	11400	14000
	HK1518			15	21	18			
	HK1520			15	21	20			
	HMK1520			15	22	20			
	HK1522	SZ-439	20.4	15	21	22	10400	16500	14000
	BK1522		22	15	21	22	10400	16500	14000
	HK15X22X12	7948/15	12.5	15	22	12	14300	18400	13000
	HK15X22X12.5	7948/15K	13.5	15	22	12.5	14300	18400	13000
16	HK16X21X06		5.5	16	21	6	4200	5300	12000
	HK16X21X09		7.5	16	21	9	4400	5600	12000
	HK1610	27941/16		16	22	10			
	HK1612	37941/16	11.7	16	22	12	7100	9200	14000
	BK1612	35941/16	13.8	16	22	12	7100	9200	14000
	HK1612K			16	22	12			
	HK1614	47941/16	14.4	16	22	14	8800	9900	12000
	HK1616	57941/16	15.8	16	22	16	10100	14300	14000
	BK1616	55941/16	17.6	16	22	16	10100	14300	14000
	HK1616-ASI			16	22	16			
	HK1617	SZ-435	18	16	22	17	12900	17200	12000
	HK1620	77941/20		16	22	20			
	HK1622	87941/16	21.7	16	22	22	11100	17400	14000
	BK1622	85941/16	23.4	16	22	22	11100	17400	14000
17	HK17X21.5X15	17BTM15	10	17	21.5	15	6300	8600	11000
	HK1712	37941/17	12.2	17	23	12	6900	9300	13000
	BK1712	35941/17	14.5	17	23	12	6900	9300	13000
	HK1714	7941/17	14	17	23	14	6800	10200	10000
	HK1716	57941/17	15.9	17	23	16	8500	12500	10000
	BK1716			17	23	16	8500	12500	10000
	HK1718	7942/17	19	17	23	18	9500	10600	10000
	HK1720			17	23	20	10000	11800	10000



HK(穿孔)

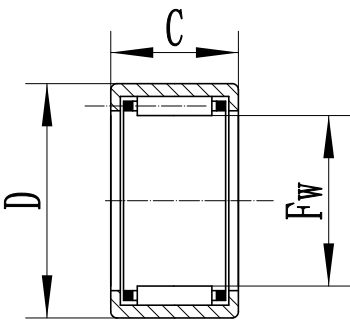


BK(封口)

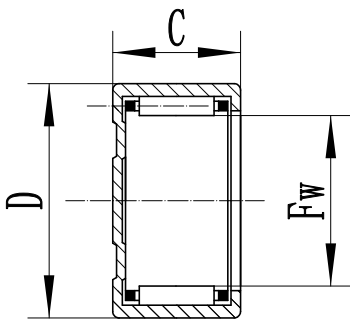


BK(平底)

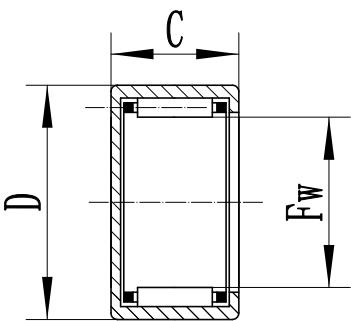
轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	D mm	C	动 N	静 N	
17	HK1722	7943/17	17	17	23	22			
	HK17X24X15		17	17	24	15	11200	12800	10000
	HK17X25X14	37942/17K	17.7	17	25	14	13100	14700	10000
	HK17X25X15.5		20	17	25	15.5	9320	10400	10000
	HK17X25X18	57942/17K	23.5	17	25	18	9500	10600	11000
18	HK1812	37941/18	13.1	18	24	12	7100	9900	12000
	BK1812	35941/18	14.9	18	24	12	7100	9900	12000
	HK1816	57941/18	17.5	18	24	16	10600	15300	12000
	BK1816	55941/18	19.9	18	24	16	10600	15300	12000
	HK18X24X20		18	18	24	20			
	HMK1825			18	25	25			
19	HK19X27X16	TA1916	23	19	27	16	8100	9500	10500
20	HK2010	27941/20	11.8	20	26	10	5900	7200	10000
	BK2010	25941/20	14	20	26	10	5900	7200	10000
	HK2011		12	20	26	11	7500	9200	9000
	HK2012	37941/20	14.1	20	26	12	7600	10100	10000
	BK2012	35941/20	16.7	20	26	12	7600	10100	10000
	HK2014	47941/20	15.7	20	26	14	9700	18100	9000
	HK2016	57941/20	19.3	20	26	16	11700	29100	10000
	BK2016	55941/20	22.3	20	26	16	11700	29100	10000
	HK2018	67941/20	23.3	20	26	18	7900	12800	9000
	HK2020	7942/20	24.1	20	26	20	13700	24000	10000
	BK2020	75941/20	27.1	20	26	20	13700	24000	10000
	HK2025	7943/20	28	20	26	25	9100	14800	9900
	HK2030		41	20	26	30	21800	40000	10100
	BK2030		43	20	26	30	21800	40000	10100
	HK20X27X18			20	27	18	26000	47200	9900
	HK20X27X20			20	27	20	26300	47800	9900
	HK20X27X30			20	27	30	28500	48800	9900
	HK20X28X16	47942/20	28.5	20	28	16	29600	49800	9900
	HK20X29X18		41	20	29	18	30900	54600	9900
22	HK22X28X7.5TN		8.8	22	28	7.5	5200	7000	10100
	HK2210	27941/22	12.3	22	28	10	7200	9500	10100
	HK2212	37941/22	15	22	28	12	8100	10400	10100
	BK2212	35941/22	18.1	22	28	12	8100	10400	10100
	HK2216	57941/22	20.9	22	28	16	11400	18100	10100
	BK2216	55941/22	24.3	22	28	16	11400	18100	10100
	HK2220	77941/22	26.2	22	28	20	14500	25000	10100
	BK2220	75941/22	29.9	22	28	20	14500	25000	10100



HK(穿孔)

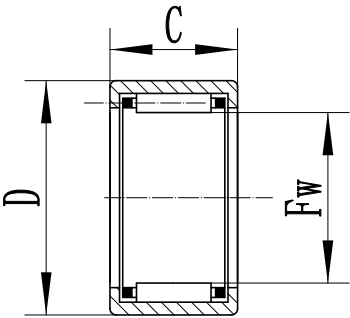


BK(封口)

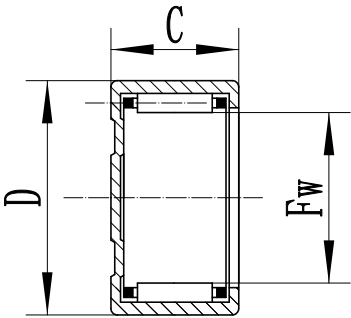


BK(平底)

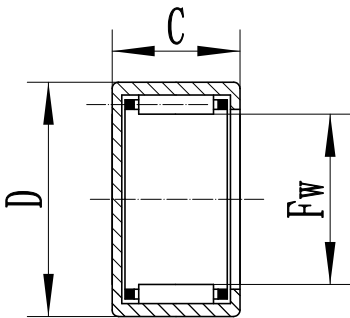
轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	D mm	C	动 N	静 N	
22	HMK2225			22	29	25			
	HK2230		32	22	28	30	17500	30400	9000
	HK22X29X25		37	22	29	25	18100	31500	9000
	HK22X29X30		43	22	29	30	19400	33100	9000
	HK22X30X14	37942/22	21.9	22	30	14	19800	34000	9000
24	HK24X30X7.5TN		10.6	24	30	7.5	5800	7200	10000
25	HK2512	27941/25	20	25	32	12	10000	14200	9000
	BK2512	25941/25	23.2	25	32	12	10000	14200	9000
	HK2514	37941/25	21.9	25	32	14	13600	18700	9000
	HK2516	7941/25	27.3	25	32	16	13600	20000	9000
	BK2516	5941/25	31	25	32	16	13600	50000	9000
	HK2518	57941/25	28.2	25	32	18	17500	25800	9000
	HK2520	67941/25	34.1	25	32	20	17900	30000	9000
	BK2520	65941/25	38.7	25	32	20	17900	30000	9000
	HK2525	7943/25	40	25	32	25	22200	36700	9000
	HK2526		44.8	25	32	26	22500	42000	9000
	BK2526		49	25	32	26	22500	42000	9000
	HK2538	87941/25	64.7	25	32	38	30000	58000	9000
	BK2538	85941/25	69	25	32	38	30000	58000	9000
	HK25X33X10		17	25	33	10	34800	69600	9000
	HK25X33X15		27.4	25	33	15	35700	70000	9000
	HK25X35X20	57942/25	44.9	25	35	20	36100	78650	9000
28	HK2812			28	35	12			
	HK2816	47941/28	30.1	28	35	16	15400	22500	8700
	BK2816	45941/28	34.1	28	35	16	15400	22500	8700
	HK2818	57941/28	31.7	28	35	18	18500	29300	8700
	HK2820	67941/28	37.6	28	35	20	18900	32000	8700
	BK2820	65941/28	43	28	35	20	18900	32000	8700
	HK2825			28	35	25			
	HK2830			28	35	30			
30	HK2833			28	35	33			
	HK3012	27941/30	24	30	37	12	10100	16200	8100
	BK3012	25941/30	27.9	30	37	12	10100	16200	8100
	HK3016	47941/30	32	30	37	16	15200	27000	8100
	BK3016	45941/30	37.1	30	37	16	15200	27000	8100
	HK3018	57941/30	33.6	30	37	18	19200	31500	8100
	HK3020	67941/30	40.1	30	37	20	19700	33500	8100
	BK3020	65941/30	46.5	30	37	20	19700	33500	8100
30	HK3020-K			30	37	20			



HK(穿孔)

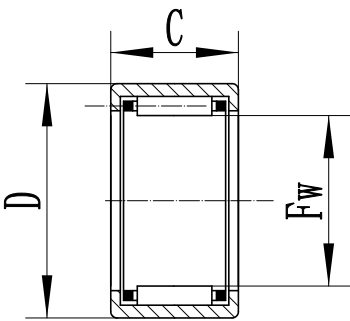


BK(封口)

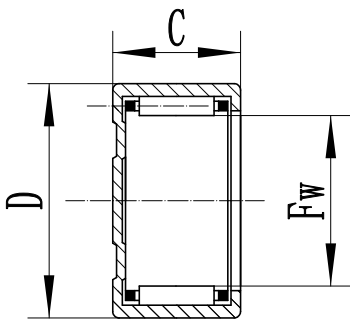


BK(平底)

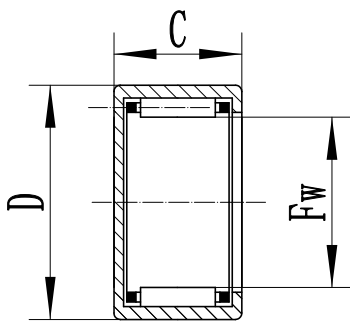
轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	D mm	C	动 N	静 N	
30	HMK3020			30	40	20			
	HK3024			30	37	24			
	HMK3025			30	40	25			
	HK3026		52.9	30	37	26	24000	50000	8100
	BK3026		59.4	30	37	26	24000	50000	8100
	HK3030			30	37	30			
	HMK3030			30	40	30			
	HK3038		76.1	30	37	38	32500	74000	8100
	BK3038		82.5	30	37	38	32500	74000	8100
	HK30X38X12	27941/30K	28	30	38	12	38100	80000	8100
	HK30X38X16	7941/30	32.7	30	38	16	39000	82000	8100
	HK30X38X24	7942/30	49	30	38	24	39910	88800	8100
32	HK30X38X32	7943/30	69	30	38	32	38890	88700	8100
	HK32X38X11		17	32	38	11	19700	43200	7800
	HMK3220			32	42	20			
	HK3224	77941/32	50.7	32	38	24	25500	52000	7300
	HK3232	97941/32	66.4	32	39	32	22600	54300	7100
	HK32X19X16			32	19	16			
	HK32X40X32	7943/32	72.7	32	39	32	27990	59890	7100
35	HK32X41X16			32	41	16			
	HK3512	27941/35	27.7	35	40	12	12100	19300	7100
	BK3512	25941/35	32.9	35	42	12	12100	19300	7100
	HK3516	47941/35	36.9	35	42	16	15700	27500	7100
	BK3516	45941/35	43.8	35	42	16	15700	27500	7100
	HK3520	67941/35	46.1	35	42	20	20800	41000	7100
	BK3520	65941/35	54.8	35	42	20	20800	41000	7100
	HK3520/ASI			35	42	20			
	HK3524			35	42	24			
	BK3530			35	42	30			
	HK3530			35	42	30			
	HMK3520			35	45	20			
	HMK3525			35	45	25			
	HMK3530			35	45	30			
	HK35X42X16	7941/35	37	35	42	16	24200	47100	7100
	HK35X43X25	7942/35	60.5	35	43	25	24440	48200	6200
	HK35X43X32	7943/35	80	35	43	32	24870	48880	6200
36	HK35X45X12		31	35	45	12	24870	48880	6200
	HK36X42X12		23	36	42	12	15000	21000	6200
38	HK3818			38	45	18			



HK(穿孔)

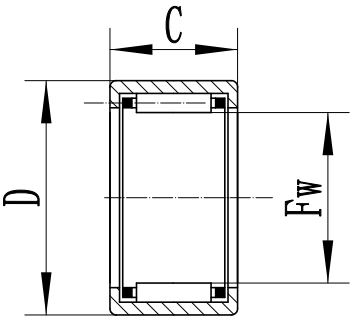


BK(封口)

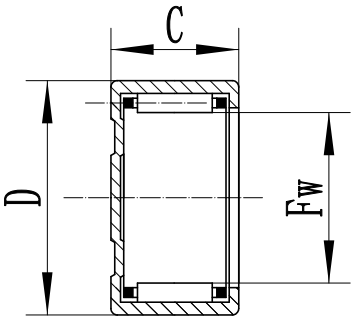


BK(平底)

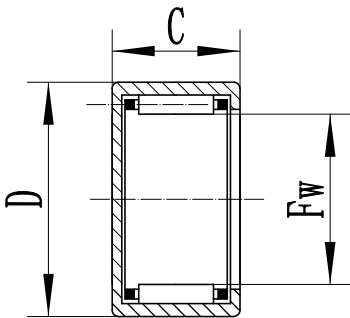
轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	D mm	C	动 N	静 N	
38	HK38X48X30		102	38	48	30	16100	24100	6000
40	HK4012	27941/40	31.1	40	47	12	14000	24300	6300
	BK4012	25941/40	38.2	40	47	12	14000	24300	6300
	HK4016	47941/40	41.4	40	47	16	20000	38500	6300
	BK4016	45941/40	51	40	47	16	20000	38500	6300
	HK4020	67941/40	51.8	40	47	20	25500	52000	6300
	BK4020	65941/40	62	40	47	20	25500	52000	6300
	HK4020/AS I			40	47	20			
	HK4026			40	47	26			
	HK4030			40	47	30			
	HMK4020			40	50	20			
	HK4025	TA4025		40	50	25			
	HMK4030			40	50	30			
	HK40X50X32	7942/40	114.3	40	50	32	23000	42000	6000
	HK40X50X38	7943/40	130.8	40	50	38	24100	43000	6000
45	HK4512	27941/45	34.8	45	52	12	12900	22500	5800
	BK4512	25941/45	45	45	52	12	12900	22500	5800
	HK4512-K			45	52	12			
	HK4516	47941/45	46.2	45	52	16	19300	38000	5800
	BK4516	45941/45	56	45	52	16	19300	38000	5800
	HK4520	67941/45	56	45	52	20	22000	51000	5800
	BK4520	65941/45	72	45	52	20	22000	51000	5800
	HK4520-AS I			45	52	20			
	HK4520-K			45	52	20			
	HK4520-YA			45	52	20			
	HMK4525			45	55	25			
	HMK4530			45	55	30			
	HMK4538			45	55	38			
	HK45X55X38	7943/45	135	45	55	38	27600	61000	5300
50	HK50X57X16		51.2	50	57	16	15200	32500	5300
	HK5012	27941/50	44.2	50	58	12	23600	57200	5300
	HK5020	57941/50	72	50	58	20	28000	60000	5300
	BK5020	55941/50	87.3	50	58	20	28000	60000	5300
	HK5025	7943/50	90.1	50	58	25	34500	80000	5300
	BK5025	5943/50	109	50	58	25	34500	80000	5300
55	HK50X60X38		140	50	60	38	27770	63100	4600
	HK5520	57941/55	78	55	63	20	29500	59900	4600
	BK5520	55941/55	93.8	55	63	20	29500	59900	4600
	HK5525	77941/55	109	55	63	25	33200	69980	4600



HK(穿孔)

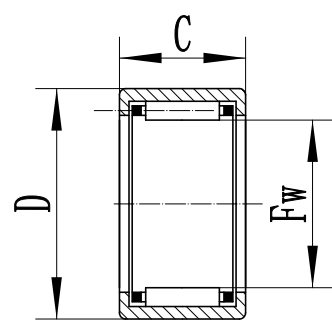


BK(封口)

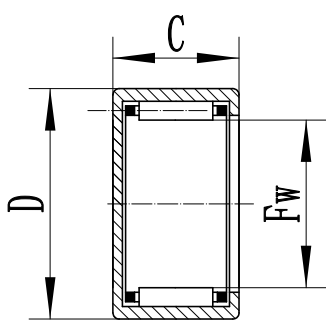


BK(平底)

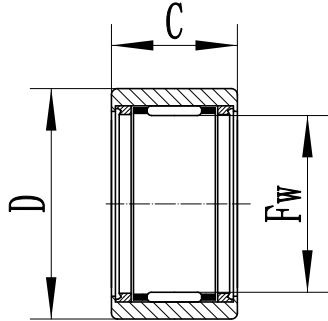
轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	D mm	C	动 N	静	
55	HK5528	87941/55	111	55	63	28	39090	98000	4600
	BK5528	85941/55	132	55	63	28	39090	98000	4600
60	HK6012		49.2	60	68	12	12400	29000	4100
	BK6012		77	60	68	12	12400	29000	4100
	HK6020	57941/60	86	60	68	20	30500	72000	4100
	BK6020	55941/60	105	60	68	20	30500	72000	4100
	HK6032	87941/60	136	60	68	32	50000	131000	4100
	BK6032	85941/60	164	60	68	32	50000	131000	4100



TA TLA

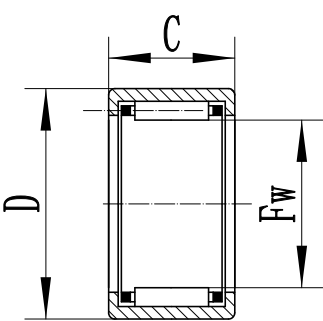


TAM TLAM

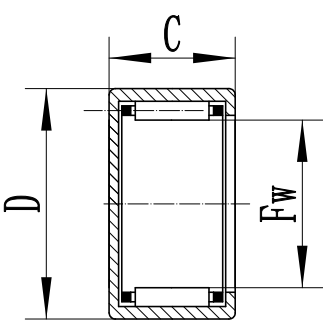


TLA...2RS

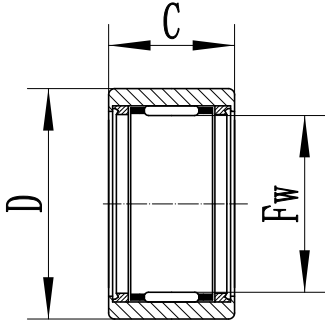
轴径 mm	轴承型号		重量 g	Fw	外形尺寸		基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			D mm	C	动 N	静 N	
4	TLA48		1.6	4	8	8	140	100	75000
5	TLA59		1.8	5	9	9	190	160	65000
6	TLA69			6	10	9	210	190	55000
7	TLA79		2	7	11	9	250	250	50000
8	TLA810		2.1	8	12	10	340	370	45000
	TA810			8	15	10	350	290	45000
	TA815			8	15	15	590	570	45000
9	TA912		1.8	9	16	12	520	500	45000
	TA916		2.1	9	16	16	710	740	45000
10	TLA1010		2.2	10	14	10			
	TLAM1010		2.2	10	14	10			
	TLA1012		2.6	10	14	12			
	TLAM1012		2.3	10	14	12			
	TLA1014 2RS		2.5	10	14	14			
	TLA1015			10	14	15			
	TA101610		2.3	10	16	10			
	TA1012		2.9	10	17	12			
	TA1010			10	17	10	420	390	40000
	TA1012		2.2	10	17	12	570	570	40000
12	TLA1212		2.4	12	18	12			
	TA1212		2.7	12	19	12	610	640	35000
	TA1215			12	19	15	760	850	35000
	TLA1216 2RS		3	12	18	16			
13	TLA1312		3	13	19	12	690	830	30000
14	TLA1412		3.4	14	20	12			
	TLA1416			14	20	16			
	TLA1416 2RS		5.35	14	20	16			
	TA1420		5.8	14	22	20	1410	1760	30000
15	TLA1512		6.6	15	21	12			
	TLAM1516		3	15	21	16			
	TA1510		3.4	15	22	10	540	580	25000
	TA1512		4	15	22	12	730	850	25000
16	TLA1612		4.3	16	22	12			
	TLA1616		4.1	16	22	16			
	TA1616		4.6	16	24	16	1130	1350	25000
	TA1620		4.9	16	24	20	1490	1940	25000
17	TLA172220		5.6	17	22	20			
	TLA172318			17	23	18			
	TA1715			17	24	15	980	1300	25000



TA TLA

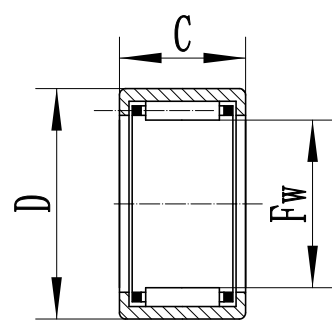


TAM TLAM

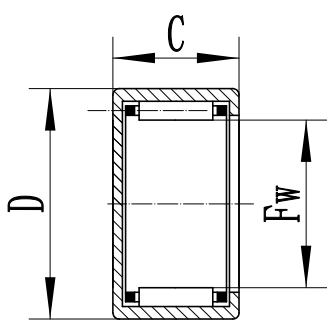


TLA...2RS

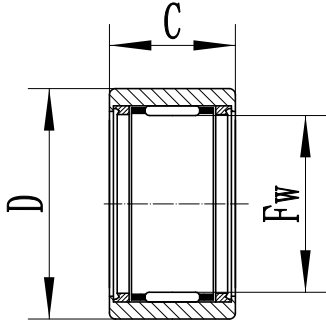
轴径 mm	轴承型号		重量 g	Fw	外形尺寸		基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			D mm	C	动 N	静 N	
18	TLA1812			18	24	12			
	TLA1816			18	24	16			
	TA1813		16.4	18	25	13	930	1220	20000
	TA1815		18.5	18	25	15	1020	1390	20000
	TA1817		21	18	25	17	1210	1720	20000
19	TA1916		23	19	27	16	1240	1600	20000
	TA1920		29	19	27	20	1650	2300	20000
20	TLA2012			20	26	12			
	TLA2016			20	26	16			
	TLAM2020			20	26	20			
	TA2015		20	20	27	15	1060	1490	20000
21	TA2116		25	21	29	16	1350	1840	19000
	TA2120		31.5	21	29	20	1790	2640	19000
22	TA2210		15	22	29	10	680	870	18000
	TA2215		21.5	22	29	15	1130	1670	18000
24	TA2420		31	24	31	20	1730	2980	16000
25	TLA2530			25	32	30			
	TA2510		19.1	25	33	10	810	1010	15000
	TA2515		28.5	25	33	15	1370	1970	15000
26	TA2616		30.5	26	34	16	1550	2330	15000
	TA2620		38	26	34	20	2050	3350	15000
28	TLA2820			28	35	20			
	TA2820		45	28	37	20	2160	3290	13000
	TA2830		67.5	28	37	30	3370	5800	13000
29	TA2920		47	29	38	20	2250	3480	13000
	TA2930		70	29	38	30	3490	6140	13000
30	TLA3012		23.5	30	37	12	1060	1700	12000
	TA3013		36.5	30	40	13	1370	1710	12000
	TA3015		42	30	40	15	1720	2280	12000
	TLA3026		49	30	37	26	2530	5190	12000
	TLA303730			30	37	30			
	TLA3038			30	37	38			
	TLAM303746			30	37	46			
	TLA303815			30	38	15			
	TLA303816			30	38	16			
32	TA3220		57.5	32	42	30	2590	3940	11000
	TA3230		86	32	42	30	4030	6970	11000
35	TLA3516			35	42	16			



TA TLA

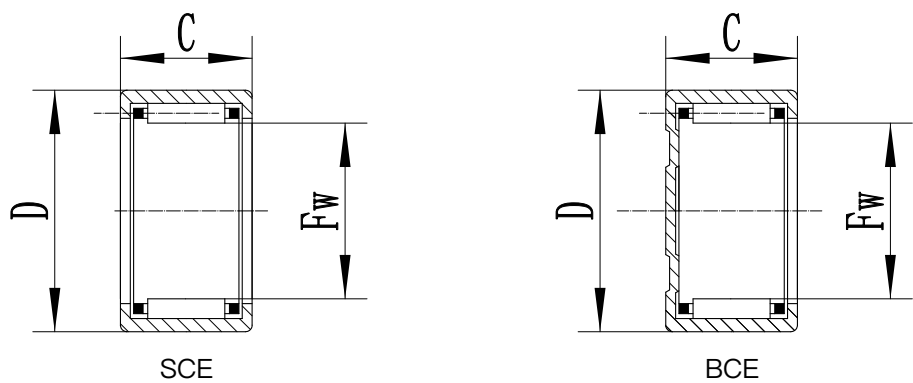


TAM TLAM

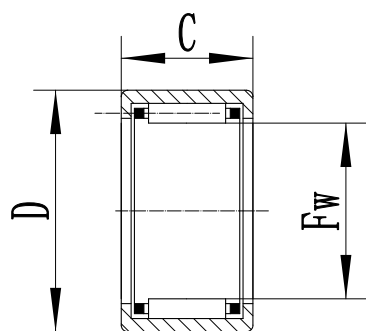


TLA...2RS

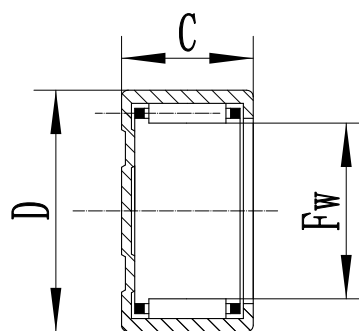
轴径 mm	轴承型号		重量 g	Fw	外形尺寸		基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			D mm	C	动 N	静 N	
35	TLA3520			35	42	20			
	TLA354320			35	43	20			
	TA3512		38.5	35	45	12	1510	2030	10000
	TA3515		48	35	45	15	1890	2710	10000
	TA3520		62.5	35	45	20	2760	4400	10000
	TA3530			35	45	30			
37	TA3720		64.5	37	47	20	2830	4630	9500
	TA3730		101	37	47	30	4270	7820	9500
38	TA3815		51	38	48	15	1930	2860	9000
	TA3820		65.5	38	48	20	2820	4640	9000
	TA3825		82.5	38	48	25	3630	6430	9000
40	TLA4012			40	47	12			
	TLA4016			40	47	16			
	TA4015		54	40	50	15	1980	3000	8500
	TA4020		69.5	40	50	20	2900	4880	8500
45	TA4520		77	45	55	20	3120	5570	7500
	TA4525		102	45	55	25	4010	7710	7500
	TA4530		122	45	55	30	4860	9850	7500
50	TLA5020		69	50	58	20	2930	6540	6500
	TLA5025		86	50	58	25	3760	9010	6500
	TA5012		62.5	50	62	12	1800	2450	6500
	TA5015		78	50	62	15	2630	3980	6500
	TA5020		107	50	62	20	3870	6530	6500
	TA5025		134	50	62	25	5000	9080	6500
	TAW5045		230	50	62	45	7820	16100	6500
55	TA5520		116	55	67	20	4040	7100	5500
	TA5525		145	55	67	25	5220	9880	5500
	TA5530		175	55	67	30	6320	12600	5500
	TAW5550		280	55	67	50	9330	20900	5500
60	TA6025		158	60	72	25	5570	11100	5000
	TA6030		191	60	72	30	6760	14200	5000
	TA6040		250	60	72	40	8740	19700	5000
62	TA6212		78	62	74	12	2050	3090	4500
65	TA6525		169	65	77	25	5760	11900	4000
	TA6530		205	65	77	30	6980	15200	4000
70	TA7025		181	70	82	25	5960	12700	3500
	TA7030		220	70	82	30	7230	16200	3500
	TA7040		290	70	82	40	9380	22700	3500



轴径 mm	轴承型号		重量 g	Fw	外形尺寸		基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			D mm	C	动 N	静 N	
3.175	SCE55+内套		0.004	3.175	12.7	8.334			
3.97	SCE21/24TN			3.97	7.15	6.35			
4.762	SCE34TN			4.762	8.731	6.35			
6.35	SCE47		0.004	6.35	11.112	11.13			
	SCE49			6.35	11.112	14.287			
	SCE49PP			6.35	11.112	14.29			
7.938	SCE55	BCE55	0.0032	7.938	12.7	7.938	2892	2625	29000
	SCE56P		0.006	7.938	12.7	9.52			
	SCE57		0.006	7.938	12.7	11.11			
	SCE59		0.003	7.938	12.7	14.29			
9.525	SCE65	BCE65	0.004	9.525	14.288	7.94	2892	2417	25000
	SCE66		0.006	9.525	14.288	9.52	3900	3950	29500
	SCE68		0.0065	9.525	14.288	12.7			
	SCE68K			9.525	14.288	9.271			
	SCE69P		0.007	9.525	14.288	14.29			
	SCE69		0.004	9.525	14.288	14.29			
	SCE610PP			9.525	14.288	15.88	3900	3950	29500
11.112	SCE78		0.005	11.112	15.875	12.7	6400	7800	25000
12.7	SCE85		0.0047	12.7	17.462	7.94			
	SCE86		0.006	12.7	17.462	9.52			
	SCE86A		0.007	12.7	17.462	9.52			
	SCE87		0.006	12.7	17.462	11.11	7340	7800	22000
	SCE88		0.009	12.7	17.462	12.7	6897	9033	19000
	SCE810ZOH		0.009	12.7	17.462	15.88	8811	12237	19000
	SCE810PP		0.009	12.7	17.462	15.88	8811	12237	19000
14.288	SCE96		0.005	14.288	19.05	9.52	5162	6408	18000
	SCE98		0.008	14.288	19.05	12.7	7698	10769	18000
	SCE910		0.01	14.288	19.05	15.88	9434	14017	18000
	SCE912		0.013	14.288	19.05	19.05	10724	16465	18000
15.875	SCE105	BCE108	0.0075	15.875	20.638	7.94	4300	5200	17600
	SCE107-1/2		0.009	15.875	20.638	11.91	7100	10300	17600
	SCE108		0.01	15.875	20.638	12.7	8743	12015	16000
	SCE109P			15.875	20.638	14.29	8743	12015	16000
	SCE1010		0.011	15.875	20.638	15.88	10368	16242	16000
	SCE1010PP		0.013	18.875	20.638	15.88	10368	16242	16000
	SCE1012		0.014	15.875	20.638	19.05	12015	19802	16000
	SCE1012PP		0.014	15.875	20.638	19.05	12015	19802	16000
17.462	SCE118		0.014	17.462	22.225	12.7	8600	13200	16000
	SCE1112		0.016	17.462	22.225	19.05	12400	21000	16000



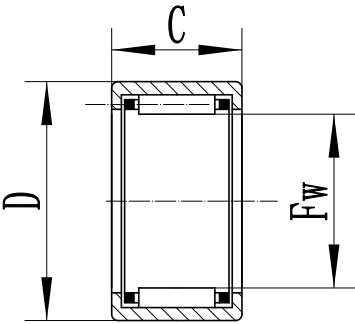
SCE



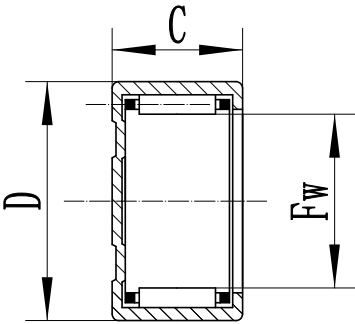
BCE

轴径 mm	轴承型号		重量 g	Fw	外形尺寸		基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			D mm	C	动 N	静 N	
19.05	SCE128		0.013	19.05	25.4	12.7	9800	12500	14700
	SCE120			19.05	34	14.5			
	SCE129P		0.019	19.05	25.4	14.29	10000	13500	15200
	SCE1210PPR		0.017	19.05	25.45	15.88	12682	17577	13000
	SCE1211 (P)		0.018	19.05	25.4	17.46	15352	22250	13000
	SCE1212		0.021	19.05	25.4	19.05	15352	22250	13000
	SCE1214PP			19.05	25.4	22.22			
	SCE1216		0.03	19.05	25.4	25.4			
20.638	SCE1312		0.024	20.638	26.988	19.05	16020	23585	12000
22.225	SCE146		0.013	22.225	28.575	9.52	8200	10700	12600
	SCE148		0.019	22.225	28.575	12.7	11125	15797	11000
	SCE148-OH		0.019	22.225	28.575	12.7	11125	15797	11000
	SCE1412		0.028	22.225	28.575	19.05	16910	27145	11000
	SCE1416		0.034	22.225	28.575	25.4	22100	38000	12600
25.4	SCE168		0.019	25.4	31.75	12.7	12682	19135	10000
	SCE1612		0.027	25.4	31.75	19.05	18022	30260	10000
	SCE1614PP			25.4	31.75	22.22			
	SCE1616		0.038	25.4	31.75	25.4	24920	45390	10000
	SCE1616PP		0.038	25.4	31.75	25.4	24920	45390	10000
	SCE1620		0.048	25.4	31.75	31.75			
28.575	SCE188		0.021	28.575	34.925	12.7	12905	20247	9000
	SCE1816	BCE1816	0.04	28.575	34.925	25.4	25810	49395	9000
	SCE1820		0.053	28.575	34.925	31.75			
31.242	SCE2020A			31.242	38.1	31.75			
31.75	SCE2010		0.03	31.75	38.1	15.88	21137	39605	8000
	SCE2012		0.037	31.75	38.1	19.05	16500	29000	8000
	SCE2016	BCE2016	0.045	31.75	38.1	25.4	27145	54735	8800
	SCE2020		0.056	31.75	38.1	31.75			
34.925	SCE228		0.025	34.925	41.275	12.7	13600	23700	8000
	SCE2212		0.039	34.925	41.275	19.05	21360	42720	7500
	SCE2216		0.058	34.925	41.275	25.4	27590	59185	7500
	SCE2220		0.081	34.925	41.275	31.75	34000	77000	8000
38.1	SCE2416		0.083	38.1	47.625	25.4	38715	66305	6500
	SCE2420		0.105	38.1	47.625	31.75			
41.275	SCE2620		0.11	41.275	50.8	31.75	51000	97000	6800
44.45	SCE2812		0.082	44.45	53.975	19.05	31500	55000	6300
	SCE2816	BCE2816	0.115	44.45	53.975	25.4	41385	75650	6000
	SCE2824		0.163	44.45	53.975	38.1			
50.8	SCE3216		0.102	50.8	60.33	25.4			
	SCE321600H			50.8	60.38	25.4			
	SCE3220		0.14	50.8	60.325	31.75	55180	115700	5000

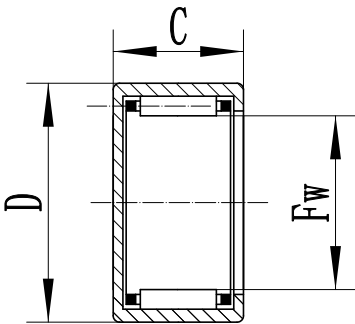
注：OH、ZOH带油孔；P PP带密封圈。Note:OH、ZOH with oil hole;P PP with seal ring.



SCE

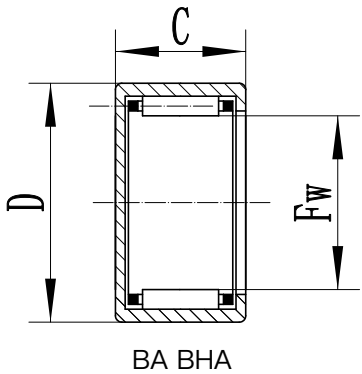


BCE

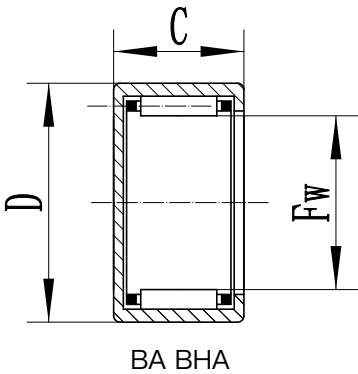


BA BHA

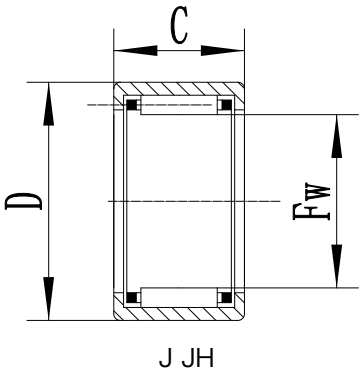
轴径 mm	轴承型号		重量 g	Fw	外形尺寸		基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			D mm	C	动 N	静 N	
12.7	SCH87		0.009	12.7	19.05	11.13			
14.29	SCH910		0.013	14.29	20.64	15.88			
	SCH912		0.017	14.29	20.64	19.05			
15.875	SCH108		0.013	15.875	22.225	12.7			
	SCH1012		0.019	15.875	22.225	19.05			
22.225	SCH1412		0.032	22.225	30.162	19.05			
	SCH1413			22.225	30.162	20.64			
	SCH1413P			22.225	30.162	20.64			
	SCH1416PP			22.225	30.162	25.4			
	SCH1416		0.043	22.225	30.162	25.4			
25.4	SCH1612		0.036	25.4	33.338	19.05			
	SCH1614P			25.4	33.338	22.22			
	SCH1616		0.047	25.4	33.338	25.4			
28.575	SCH1812		0.048	28.575	38.1	19.05			
	SCH1816		0.063	28.575	38.1	15.4			
31.75	SCH2016		0.071	31.75	41.28	25.4			
34.925	SCH2213P			34.925	44.45	20.62			
BCH 系列									
9.525	BCH68		0.0082	9.525	15.875	12.7	500	480	40000
17.02	BCH06604			17.02	23.83	17.53			
31.75	BCH2020		0.0815	31.75	41.275	31.75	4080	7100	12000
BHA 系列									
12.7	BHA88Z0H		0.0104	12.7	19.05	12.7	620	680	30000
	BHA810Z0H		0.0125	12.7	19.05	15.88	900	1110	30000
17.462	BHA1112Z0H		0.0193	17.462	23.812	19.05	1350	2020	25000
25.4	BHA1612		0.0335	25.4	33.338	19.05	1970	3030	15000
28.575	BHA1816Z0H		0.06	28.575	38.1	25.4	3050	4950	13000
31.75	BHA2020Z0H		0.0815	31.75	41.275	31.75	4080	7100	12000



轴径 mm	轴承型号		重量 g	Fw	外形尺寸		基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			D mm	C	动 静 N		
6.35	BA44ZOH		2.1	6.35	11.112	6.35	150	110	55000
	BA47ZOH		3.5	6.35	11.112	11.13	270	240	55000
7.938	BA55ZOH		3	7.938	12.7	7.92	190	160	45000
	BA57ZOH		4.3	7.938	12.7	11.13	340	330	45000
9.525	BA66		4.2	9.525	14.288	9.525	320	310	40000
	BA66ZOH		4.2	9.525	14.288	9.52	320	310	40000
	BA68		5.7	9.525	14.288	12.7	430	470	40000
	BA610Z		7	9.525	14.288	15.88	580	680	40000
12.7	BA88ZOH		7.2	12.7	17.462	12.7	480	580	30000
	BA810		8.9	12.7	17.462	15.88	650	850	30000
	BA810ZOH		8.9	12.7	17.462	15.88	650	850	30000
	BA812ZOH		10.6	12.7	17.462	19.05	800	1120	30000
14.288	BA910ZOH		9.9	14.288	19.05	15.88	720	1010	30000
15.875	BA105Z		5.3	15.875	20.638	7.94	290	330	25000
	BA107ZOH		7.6	15.875	20.638	11.11	510	680	25000
	BA108ZOH		8.7	15.875	20.638	12.7	550	740	25000
	BA1010ZOH		10.8	15.875	20.638	15.88	750	1100	25000
	BA1012Z		12.9	15.875	20.638	19.05	920	1430	25000
17.462	BA118ZX		9.5	17.462	22.225	12.7	630	900	25000
19.05	BA126ZOH		10	19.05	25.4	9.52	510	600	20000
	BA128		13.5	19.05	25.4	12.7	700	890	20000
	BA128ZOH		13.5	19.05	25.4	12.7	700	890	20000
	BA1210		17	19.05	25.4	15.88	970	1350	20000
	BA1210ZOH		17	19.05	25.4	15.88	970	1350	20000
	BA1212ZOH		20.5	19.05	25.4	19.05	1220	1800	20000
22.225	BA146ZOH		11.5	22.225	28.575	9.52	550	690	18000
	BA148ZOH		15.6	22.225	28.575	12.7	760	1080	18000
	BA1412ZOH		23.5	22.225	28.575	19.05	1310	2080	18000
	BA1416ZOH		31	22.225	28.575	25.4	1790	3110	18000
25.4	BA1612		26.5	25.4	31.75	19.05	1450	2470	15000
	BA1612ZOH		26.5	25.4	31.75	19.05	1450	2470	15000
	BA1616		35.5	25.4	31.75	25.4	1980	3700	15000
	BA1616ZOH		35.5	25.4	31.75	25.4	1980	3700	15000
28.575	BA188		19.5	28.575	34.925	12.7	880	1360	13000
	BA1816Z		39	28.575	34.925	25.4	2090	4110	13000
	BA1816		39	28.575	34.925	25.4	2090	4110	13000
30.162	BA1916ZOH		52	30.162	38.1	25.4	2630	4620	12000
31.75	BA2012		32.5	31.75	38.1	19.05	1600	3020	12000
	BA2012ZOH		32.5	31.75	38.1	19.05	1600	3020	12000



轴径 mm	轴承型号		重量 g	Fw	外形尺寸		基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			D mm	C	动 N	静 N	
31.75	BA2016Z0H		43	31.75	38.1	25.4	2190	4520	12000
	BA2020		53.5	31.75	38.1	31.75	2750	6040	12000
	BA2020Z0H		53.5	31.75	38.1	31.75	2750	6040	12000
34.525	BA2216Z0H		47.5	34.925	41.275	25.4	2350	5120	10000
38.1	BA2420		97.5	38.1	47.625	31.75	3980	7570	9000
	BA2420Z0H		97.5	38.1	47.625	31.75	3980	7570	9000
41.275	BA2610		52	41.275	50.8	15.88	1930	3060	8000
	BA2620Z0H		105	41.275	50.8	31.75	4220	8370	8000
44.45	BA2812Z0H		67.5	44.45	53.975	19.05	2570	4540	7500
	BA2816Z0H		91	44.45	53.975	25.4	3540	6870	7500
50.8	BA3216Z0H		104	50.8	60.325	25.4	3780	7800	6000
BAM 系列 9.525	BAM66K			9.525	14.288	10.5			
	BAM66		4.6	9.525	14.2875	9.525	320	310	40000
	BAM812		11.3	12.7	17.462	19.05	800	1120	30000



轴 径	轴承型号		重量	外形尺寸			基本额定负荷		极限转速
	现型号	原型号		Fw	D	C	动	静	
mm			g		mm			N	油润滑 r/min
4. 76	J-35			4. 76	8. 73	9. 525	257	352	75000
6. 35	J-45			6. 35	11. 11	7. 92	290	331	57000
	J-47			6. 35	11. 11	11. 13	473	617	57000
7. 94	J-55			7. 94	12. 7	7. 92	315	383	44000
	J-57			7. 94	12. 7	11. 13	560	805	44000
	JH-57			7. 94	14. 29	11. 13	696	849	47000
9. 525	J-65			9. 525	14. 29	7. 92	358	474	36000
	J-66			9. 525	14. 29	9. 52	500	728	36000
	J-68			9. 525	14. 29	12. 7	755	1240	36000
	JH-68			9. 525	15. 88	12. 7	987	1370	38000
11. 11	J-78			11. 11	15. 88	12. 7	882	1580	30000
	JH-78			11. 11	17. 46	12. 7	1060	1510	30000
12. 548	J-88K			12. 548	17. 463	12. 7	914	1710	26000
14. 288	J-910			14. 288	19. 05	15. 88	1190	2490	23000
	J-108			15. 88	20. 64	12. 7	970	1970	21000
15. 88	JH-1010			15. 88	22. 225	15. 88	1280	2930	21000
17. 462	JH-1112			17. 462	23. 812	19. 05	1830	4610	19000
19. 05	J-1212			19. 05	25. 4	19. 05	2320	4880	18000
22. 225	J-148			22. 225	28. 58	12. 7	1640	3270	15000
	JH-1412			22. 225	30. 16	19. 05	2710	5450	15000
	JH-14160H			22. 225	30. 162	25. 4	2710	5450	15000
25. 4	JH-1616			25. 4	33. 34	25. 4	4090	9570	13000
28. 58	JH-1818			28. 58	38. 1	28. 58	5440	12500	12000
35. 61	JH-1470			35. 61	57. 2	17. 8	5680	13500	10000
41. 275	J-2616			41. 275	50. 8	25. 4	5890	15600	7900
50. 8	J-3216			50. 8	60. 32	25. 4	6350	18400	6300

冲压外圈满装滚针轴承

Drawn Cup Full Complement Needle Roller Bearing

这种轴承有延伸至外圈滚道面全宽的满滚针组成，因此，它可以承受高负荷，并且非常适用摇摆动作的低速及中速情况下。因为润滑在出厂前已经预装在轴承内，所以一旦装配完成即可使用。F、FH穿孔型冲压外圈满针尖头滚针轴承，MF、MFH封口型冲压外圈满针尖头滚针轴承，FY穿孔型冲压外圈满针平头滚针轴承，MFY封口型冲压外圈满针平头滚针轴。

This kind bearing consists of full of needles extending to outer raceway, thus bearing high load. It is applied to the situation where the devices mounted with needle roller bearings run in swinging operation with low and middle speed. Since the bearings are fed with lubricating grease when are delivered, it is unnecessary to add the lubricating grease in assembling.

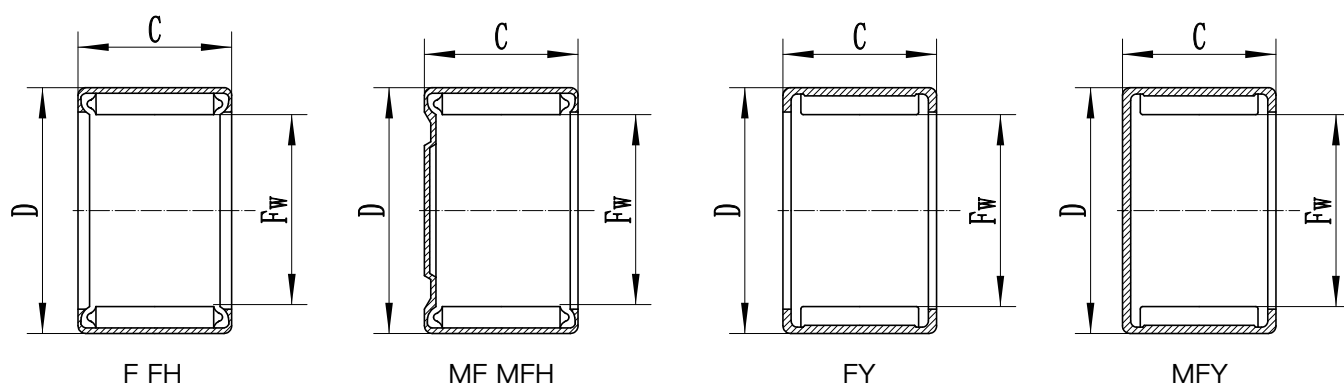
Model F, FH open-end drawn cup needle roller bearing with full of needles,

Model MF, MFH hole-sealed drawn cup needle roller bearing with full of needles,

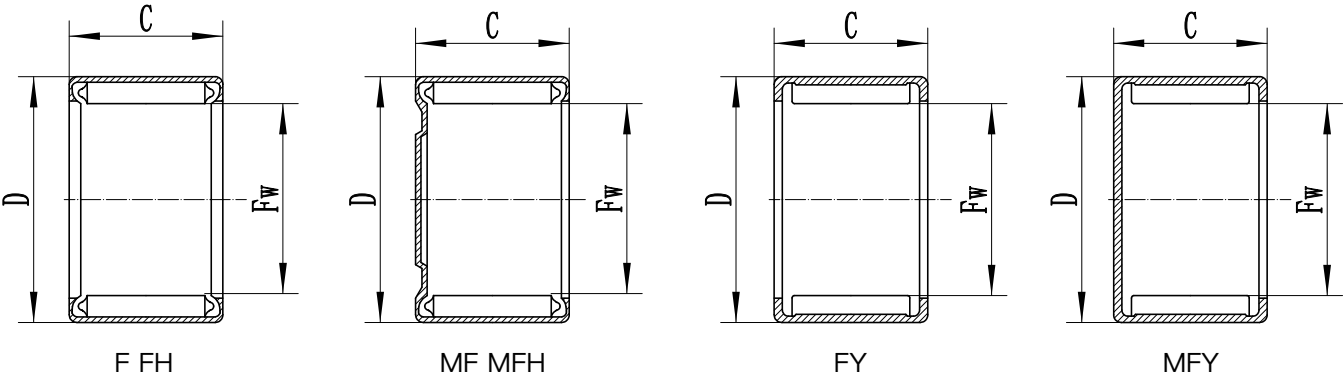
Model FY open-end drawn cup needle roller bearing with full of flat-head needles,

Model MFY close-end drawn cup needle roller bearing with full of flat-head needles





轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	D mm	C	动 N	静	
6	F-0608	30941/6	2.5	6	10	8	3080	5800	12000
6.35	F6.35X11.11X11.13	B-47	3.2	6.35	11.11	11.13	3500	6050	12000
	MF6.35X11.11X11.13	M-471	4.1	6.35	11.11	11.13	3500	6050	12000
8	F-0810	50941/8	3.7	8	12	10	4050	7150	13000
	FH-0810	941/8	7	8	14	10	5200	7150	7400
	FH-0812	942/8	9	8	14	12	4550	7150	7400
9	F-0910	50941/9	4	9	13	10	4900	8050	12000
	F-091510	941/9	6	9	15	10	8000	11500	7100
	F-091513	942/9	8	9	15	13	8560	12800	7100
9.52	F-9.52X14.29X12.7	B-68	7.5	9.52	14.29	12.7	9000	13300	7100
10	F-1010	50941/10	4.2	10	14	10	5700	9350	11000
	FH-1010	941/10	6.5	10	16	10	6350	10800	11000
	F-101615	942/10	12	10	16	15	6890	11500	7100
		943/10		10	16	17	6500	11000	7000
12	F-1212	60941/12	6	12	16	12	6380	10900	7100
	F-121712	941/12	8	12	17	12	8400	11900	7100
	F-121715	942/12	10.5	12	17	15	9000	12500	7100
	F-121718	943/12	13	12	17	18	9800	13500	7100
15	F-15X20X12	941/15	10	15	20	12	8400	11900	7100
	F-15X20X16	942/15	13.6	15	20	16	9500	12800	7100
	F-15X20X20	943/15	17.2	15	20	20	10500	16000	7100
	F-15X20X20	Y152020	20	15	20	20	10500	16000	7100
	F-1512	30941/15	12	15	21	12	9700	15900	8100
16	F-1616	50941/16	17	16	22	16	14100	25900	7700
17	F-1712	30941/17	13	17	23	12	10600	21600	7300
	F-1714	941/17	15	17	23	14	12500	22500	7300
	F-1718	942/17	21	17	23	18	13800	24800	7300
	F-1722	943/17		17	23	22	13500	24000	7100
18	F-1816	50941/18	18	18	24	16	15000	29100	6900
20	F-2014	941/20	17	20	26	14	15800	40500	6900
	F-2020	942/20	26	20	26	20	18800	42500	6900
	F-20X26X25	943/20	33	20	26	25	20500	35500	6300
22	F-2212	30941/22	14	22	28	12	9000	13300	5800
	F-2216	50941/22	22	22	28	16	17000	33000	5800
	F-2220	70941/22	29	22	28	20	20300	47200	5800
25	F-2516	941/25	28	25	32	16	18700	37900	5100
	F-2522	942/25	40	25	32	22	11000	16500	5100
	F-25X32X25	943/25	43	25	32	25	11500	18500	5100
	F-25X33X08	Y253308	16.7	25	33	8	12200	16800	4300



轴径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	D mm	C	动 N	静 N	
25	F-2512	20941/25	17	25	32	12	5250	6000	5100
	F-2520	60941/25	43	25	32	20	22800	46000	5100
28	F-2820	60941/28	118	28	35	20	25700	58300	4600
	F-2812	20941/28	31.7	28	35	12	16500	38600	4600
	F-2816	40941/28	36	28	35	16	20200	42900	4600
30	F-3020	60941/30	42	30	37	20	26800	62500	4300
	MF-3020	65941/30	48	30	37	20	26800	62500	4300
	F-30X38X16	941/30	37.5	30	38	16	25500	57500	4600
	F-30X38X24	942/30	37.5	30	38	24	28800	64500	4300
	F-30X38X32	943/30	81.5	30	38	32	34500	78900	4300
	F-3014	30941/30	37	30	37	14	19600	41200	4600
	F-3016	4094/30	40	30	37	16	21700	46500	4300
	F-3026		58.5	30	37	26	35000	74000	4300
32	F-32X39X32	943/32		32	39	32	35000	74000	4300
	F-3216	40941/32	35	32	39	16	25800	61500	4300
35	F-3520	60941/35	49	35	42	20	24000	69100	3700
	F-35X43X16	941/35	41	35	43	16	23500	68000	3700
	F-35X43X25	942/35	72	35	43	25	38700	86200	3200
	F-35X43X32	943/35	90	35	43	32	40500	98700	3200
	F-3512	20941/35	36	35	42	12	19000	59000	3700
40	F-4020	60941/40	56	40	47	20	30300	52600	3300
	FH-4032	942/40	88	40	50	32	42500	108000	2600
	MFH-4032	86942/40	95	40	50	32	42500	108000	2600
	FH-40X50X38	943/40	105	40	50	38	44800	118500	2600
	F-4016	40941/40	51	40	47	16	26500	62000	3300
45	F-4520		62	45	52	20	30400	30400	2900
	FH45X55X38	943/45	140	45	55	38	45800	45800	2900
	F-4516	40941/45	49	45	52	16	23800	65900	2900
50	F-5020	50941/50	78	50	58	20	35800	98000	2600
	FH-50X60X38	943/50	145	50	60	38	50500	145800	2600
55	F-5520	50941/55	97	55	63	20	39500	102000	2600
60	F-60X68X38	943/60	185	60	68	38	50200	145000	2600

冲压外圈有密封圈滚针轴承

Drawn Cup Needle Roller Bearing With Seal Ring

密封的冲压外圈滚针轴承带有密封唇密封。在一般条件下，可保护轴承免于杂物侵入和防止润滑脂的泄漏。密封圈采用合成橡胶制成，使用温度为-20℃ — 120℃。轴承供货时内部已注有高质量锂基脂。另外，冲压外圈滚针轴承以不带油孔为标准设计，双列冲压外圈滚针轴承以带油孔标准设计，如需改变请在订货时说明。

HK...2RS穿孔型双面密封冲压外圈滚针轴承，HK...RS穿孔型单面密封冲压外圈滚针轴承，BK...RS封口型单面密封冲压外圈滚针轴承。

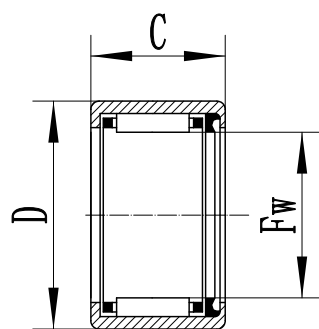
The sealed drawn cup needle roller bearing is mounted with sealing lip. In general, the sealing lip can protect bearing from penetration of impurities and leakage of lubricating grease. The seal ring is made of synthetic rubber with operating temperature in -20℃ — 120℃. The bearings are fed with high-quality lithium base grease. In addition, it is standard design for drawn cup needle roller bearing without oil hole and doublerow drawn cup needle roller bearing with oil hole. It should be stated in order if changed.

Model HK...2RS open-end double-seal drawn cup needle roller bearing,

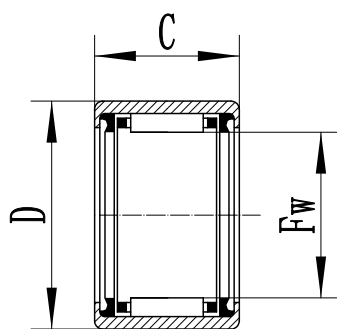
Model HK...RS open-end single-seal drawn cup needle roller bearing,

Model BK...RS close-end single seal drawn cup needle roller bearing.

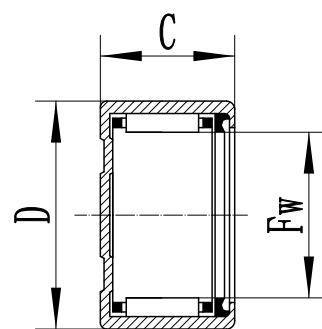




HK...RS

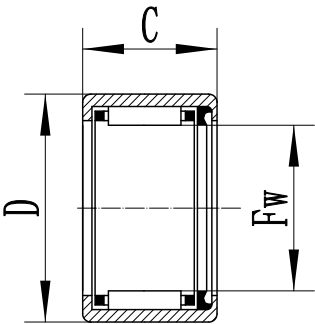


HK...2RS

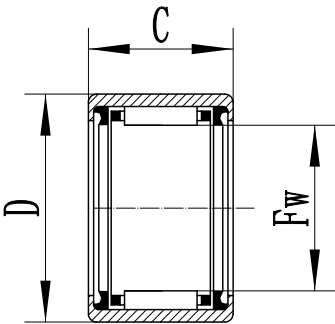


BK...RS

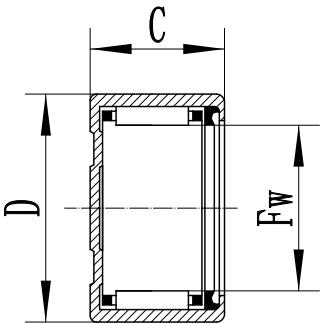
轴径 mm	轴承型号 现型号	重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
			Fw	D mm	C	动	静 N	
8	HK0810RS	2.9	8	12	10	2250	2100	19000
	HK08122RS	3.5	8	12	12	2250	2100	19000
9	HK09X13X12RS	4	9	13	12	3800	4300	19000
10	HK1012RS	4.2	10	14	12	4100	5000	19000
	HK10142RS	5.2	10	14	14	4100	5000	15000
12	HK1214RS	10.7	12	18	14	6100	7000	15000
	HK12162RS	11.5	12	18	16	6100	7000	12000
13	HK13X19X12RS	8.9	13	19	12	6800	7580	12000
14	HK1414RS	12	14	20	14	6100	7500	13000
	HK14162RS	14	14	20	16	6100	7500	11000
	BK1414RS	14.1	14	20	14	6100	7500	11000
15	HK1514RS	12.6	15	21	14	6800	8800	11000
	HK15162RS	14.3	15	21	16	6800	8800	10000
	BK1514RS	14.4	15	21	14	6800	8800	10000
	HK1518RS	16	15	21	18	9500	11400	10000
	HK15202RS	18	15	21	20	9500	11400	10000
16	HK1614RS	15.1	16	22	14	7200	9200	10000
	HK16162RS	15.1	16	22	16	7200	9200	10000
	BK1614RS	15.3	16	22	14	7200	9200	10000
	HK16202RS	16.8	16	22	20	9900	12300	10000
	HK16252RS		16	22	25	9900	12300	10000
17	HK17X25X14RS	17.7	17	25	14	8000	9800	10000
	HK17X25X15.5RS	20	17	25	15.5	9320	10400	13000
	HK17X25X18RS	23.5	17	25	18	10500	12600	13000
	HK17X25X20RS	26.2	17	25	20	11600	13200	13000
18	HK1814RS	15.1	18	24	14	7800	9900	13000
	HK18162RS	17	18	24	16	7800	9900	9200
20	HK2012RS	11.7	20	26	12	9500	11900	9200
	HK20162RS	18.8	20	26	16	8000	10100	9000
	HK2018RS	21.4	20	26	18	12700	20100	8200
	HK20202RS	23.5	20	26	20	12700	20100	7800
	BK2018RS	24.4	20	26	18	12700	20100	7800
	HK20X29X18RS	28.8	20	29	18	8700	9980	7800



HK...RS



HK...2RS



BK...RS

轴径 mm	轴承型号 现型号	重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
			Fw	D mm	C	动	静 N	
22	HK2212RS	14	22	28	12	8310	10000	9000
	HK2214RS	18.3	22	28	14	9000	12400	7800
	HK22162RS	20.3	22	218	16	9000	12400	7800
	HK2218RS	23.5	22	28	18	10400	20100	7800
	HK22202RS	25.5	22	28	20	10400	20100	7800
25	HK25162RS	27.3	25	32	16	9800	13200	6900
	HK2518RS	31	25	32	18	13600	20000	6900
	HK25202RS	33.1	25	32	20	13600	20000	6900
	BK2518RS	35.3	25	32	18	13600	20000	6900
	HK25242RS	39.7	25	32	24	17900	30000	6900
	HK25302RS	47.3	25	32	30	24500	43000	6900
28	HK28202RS	36.9	28	35	20	11400	22500	5300
30	HK30162RS	28.5	30	37	16	10100	16200	5300
	HK3018RS	36.6	30	37	18	16200	26000	5300
	HK30202RS	39.1	30	37	20	16200	26000	5300
	HK30242RS	49.7	30	37	24	21000	38500	5300
35	HK35162RS	36.4	35	42	16	10100	20300	4900
	HK3518RS	37.4	35	42	18	16700	30500	4900
	HK35202RS	41.1	35	42	20	16700	30500	4900
40	HK40162RS	41.2	40	47	16	11000	21300	4200
	HK4018RS	47.3	40	47	18	19000	30500	4200
	HK40202RS	50.2	40	47	20	19000	30500	4200
45	HK4518RS	54.2	45	52	18	20300	41000	3800
	HK45202RS	57.4	45	52	20	20300	41000	3800
50	HK5022RS	77.2	50	58	24	30000	61000	3200
	HK50242RS	84	50	58	24	30000	61000	3200

冲压外圈滚针离合器 冲压外圈滚针离合器组件

Drawn Cup Needle Roller Clutch, Drawn Cup Needle Roller Clutch Assembly

冲压外圈滚针离合器是采用优质钢板经精密冲制加工的薄壁冲压外圈，配合相应的塑料保持架、弹簧和滚针组成单向离合器，可以传递单向力矩。

冲压外圈滚针离合器本身不具备承载特性。可与HK和BK系列冲压外圈滚针轴承相同直径结合使用时可以解决。

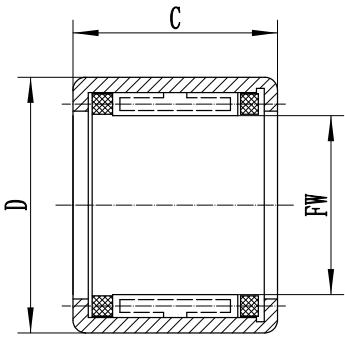
冲压外圈滚针离合器组件是将既能承受径向负荷又能传递扭矩这两个特性合为一体的支承轴承。

The drawn cup needle roller clutch is the overriding clutch (one-way clutch), composed of the outer ring punched with the high-quality steel sheet, plastic retainer, spring and needles, used for transferring one-way torque.

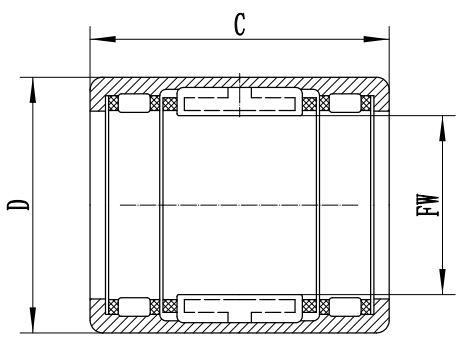
The drawn cup needle roller clutch has not the load carrying feature by itself. However it can play the action in combination with Model HK and BK drawn cup needle roller bearing.

The drawn cup needle roller clutch is the block bearing either withstanding the radial load or transferring torque.



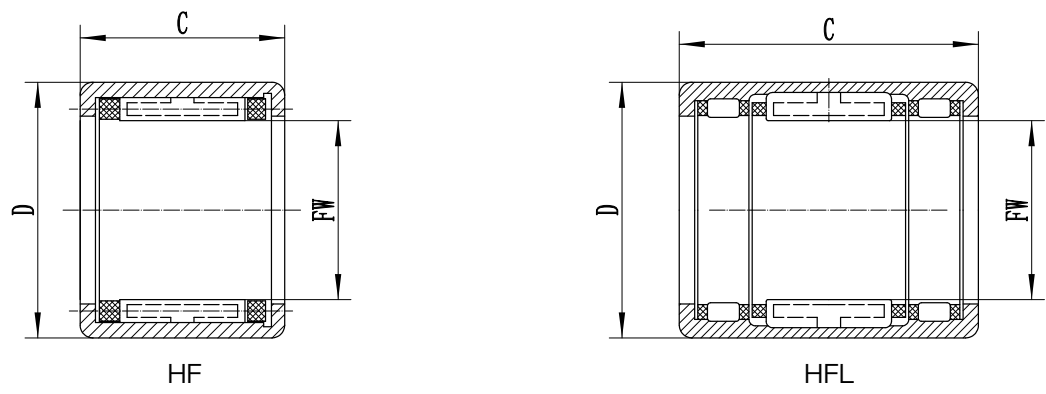


HF

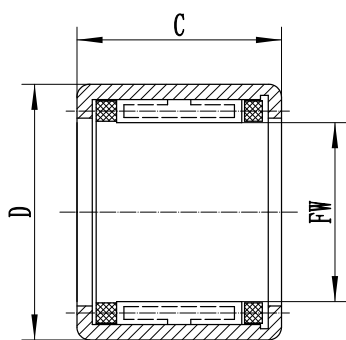


HFL

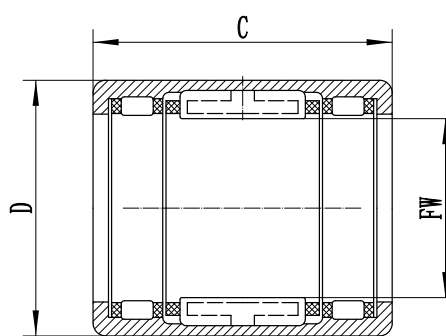
轴径 mm	轴承型号	重量 g	外形尺寸			基本额定负荷		极限转速		传递扭矩 N.m
			Fw	D	C	动	静	脂润滑 r/min	油润滑 r/min	
4	HF0406	1	4	8	6			34000	14000	0.34
6	HF0612	3	6	10	12			23000	13000	1.76
8	HF0812	3.5	8	12	12			17000	12000	3.15
10	HF1012	4	10	14	12			14000	11000	5.3
12	HF1216	11.6	12	18	16			11000	8000	12.2
14	HF1416	13	14	20	16			9500	8000	17.3
16	HF1616	14	16	22	16			8500	7500	20.5
18	HF1816	15.5	18	24	16			7500	7500	24.1
20	HF2016	17	20	26	16			7000	6500	28.1
25	HF2520	30.9	25	32	20			5500	5500	66
30	HF3020	36	30	37	20			4500	4500	90
35	HF3520	40	35	42	20			3900	3900	121
4	HFL0408	1.6	4	8	8			34000	14000	0.34
6	HFL0615	4	6	10	15	4050	4650	23000	13000	1.76
8	HFL0822	6.3	8	12	22	4300	4650	17000	12000	3.15
10	HFL1022	7.4	10	14	22	6300	6500	14000	11000	5.3
12	HFL1226	18	12	18	26	7100	7700	11000	8000	12.2
14	HFL1426	20.3	14	20	26	7300	8400	9500	8000	17.3
16	HFL1626	22	16	22	26	8300	10300	8500	7500	20.5
18	HFL1826	24.4	18	24	26	8200	10400	7500	7500	24.1
20	HFL2026	27	20	26	26	10900	14100	7000	6500	28.1
25	HFL2530	44	25	32	30	12600	17600	5500	5500	66
30	HFL3030	51	30	37	30	13000	19300	4500	4500	90
35	HFL3530	58	35	42	30			3900	3900	121



轴承型号		重量		外形尺寸				极限转速		传递扭矩
		Fw		D		C				
		g	inch	mm	inch	mm	inch	mm	r/min	N. m
——	R2-02	2	⅛	3.18	⅝ ₃₂	7.14	0.25	6.35	50000	2.86
——	FC-4	1	0.16	4	0.31	8	0.236	6	50000	2.78
FCS-6	——	3.5	0.24	6	0.39	10	0.472	12	39300	18.6
——	RC-040708	3.5	¼	6.35	⅞ ₁₆	11.11	0.5	12.7	38000	17.2
FCL-8-K	——	4.7	0.31	8	0.47	12	0.472	12	28700	28.7
FC-8	——	4	0.31	8	0.55	14	0.472	12	30500	35.8
RC-061008-FS*	RC-061008	4.7	⅜	9.52	⅝ ₈	15.88	0.5	12.7	25300	45.4
FCL-10-K	——	4	0.39	10	0.55	14	0.472	12	22700	39.1
FC-10	——	4.8	0.39	10	0.63	16	0.472	12	23700	50.4
FC-12	——	11	0.47	12	0.71	18	0.63	16	19300	118
RC-081208-FS*	RC-081208	9.2	½	12.7	¾ ₄	19.05	0.5	12.7	18700	73.6
RC-101410-FS*	RC-101410	14.5	⅝ ₈	15.88	⅞ ₈	22.22	0.625	15.88	14700	143
FC-16	——	14	0.63	16	0.87	22	0.63	16	14000	182
RS-121610-FS*	——	17	¾ ₄	19.05	1	25.4	0.625	15.88	11300	196
FC-20	RC-162110	17	0.79	20	1.02	26	0.63	16	10700	274
FC-25	——	30	0.98	25	1.26	32	0.787	20	8570	605
RC-162110-FS*	——	25.4	1	25.4	1⅝ ₁₆	33.34	0.625	15.88	8670	412
FC-30	——	36	1.18	30	1.46	37	0.787	20	7330	845
FCS-35	——	40	1.38	35	1.65	42	0.787	20	6130	913



HF



HFL

轴承型号		重量		外形尺寸				基本额定负荷		极限转速	传递扭矩
		g	F_w inch mm	D inch mm		C inch mm		动 静 N			
FCBL-8-K	——		0.31 8	0.47 12	0.866 22	532		28700	29		
FCB-8	——	10	0.31 8	0.55 14	0.787 20	541		30500	35.8		
RCB-061014-FS*	RCB-061014	12	$\frac{3}{8}$ 9.52	$\frac{5}{8}$ 15.88	0.875 22.22	848		25300	45.4		
FCB-10	——	15	0.39 10	0.63 16	0.787 20	628		23700	50.4		
FCB-12	——	18	0.47 12	0.71 18	1.024 26	882		19300	118		
RCB-081214-FS*	RCB-081214	16	$\frac{1}{2}$ 12.7	$\frac{3}{4}$ 19.05	0.875 22.22	1020		18700	73.6		
RCB-101416-FS*	RCB-101416	21.3	$\frac{5}{8}$ 15.88	$\frac{7}{8}$ 22.22	1 25.4	1140		14700	143		
FCB-16	——	22	0.63 16	0.87 22	1.024 26	951		14000	182		
RCB-121616-FS*	RCB-11616	26.5	$\frac{3}{4}$ 19.05	1 25.4	1 25.4	1270		11300	196		
FCB-20	——	27	0.79 20	1.02 26	1.024 26	1180		10700	274		
FCB-25	——	44	0.99 25	1.26 32	1.181 30	1580		8670	605		
RCB-162117-FS*	RCB-162117	44.8	1 25.4	$1\frac{5}{16}$ 33.34	1.063 27	2240		8670	412		
FCB-30	——	51	1.18 30	1.46 37	1.181 30	1620		7300	845		

推力平面轴承

Thrust Ball Bearing With Flat Seat

推力滚针轴承AXK、AXW、AX、TC、NTB系列

推力圆柱滚子轴承811、812、893、874、894系列

推力滚针轴承或推力圆柱滚子轴承是在一套滚道垫圈间配置带保持架的滚针（滚子），保持架可靠地引导并夹持大量滚动体，同一组件中的滚动体仅有及其微小的差异。推力滚针轴承或推力圆柱轴承仅能支承，一个方向轴向负荷的轴承，可作为刚性良好且轴向占有空间最小的轴承配置。

推力垫圈、轴圈、座圈

推力垫圈 AS LS GS WS ZS TRA TRB TRC TRD 系列

推力垫圈AS系列是用高质量的弹簧钢冲压而成，其厚度为1mm,并经淬硬和抛光。当相邻部件表面钢性虽好但不宜作滚道时，AS系列垫圈就充分发挥了它的作用。

推力垫圈GS、WS、LS系列是用轴承钢制成并经淬硬处理。座圈GS外表面和轴圈WS内表面是经过磨削制成。LS则是特别经济的车制外表面和内表面。

推力垫圈ZS系列，当组件使用需要作双向定位的轴承配置时，本公司可提供ZS中圈系列，中圈ZS系列可轴向定位或座孔定位。

Thrust Needle Roller Bearing, Series AXK, AXW, AX TC, NTB

Thrust Parallel Roller Bearing, Series 811, 812, 893, 874, 894

The thrust needle roller bearing or thrust parallel roller bearing is such a manner that the needles (rollers) with cage are set up in the space between rollway and collar and the cage reliably guides and clamps a lot of rolling bodies. There is a little difference among the rolling bodies in the same set. The thrust needle roller bearing or thrust parallel roller bearing is the one only supporting the axial load in one direction. It is used as the bearing allocation having the good rigidity and axial small space.

Thrust Collar, Shaft Ring and Seat Ring

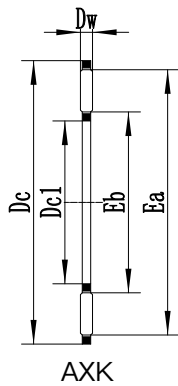
Thrust Collar, Series AS, LS, GS, WS, ZS, TRA, TRB, TRC TRD.

Series AS thrust collar is punched with the high quality steel spring plate in thickness of 1mm and quenched and polished. When the surface of the adjacent parts can not be acted as rollway, although it has a good rigidity, Series AS collar shall play its full action.

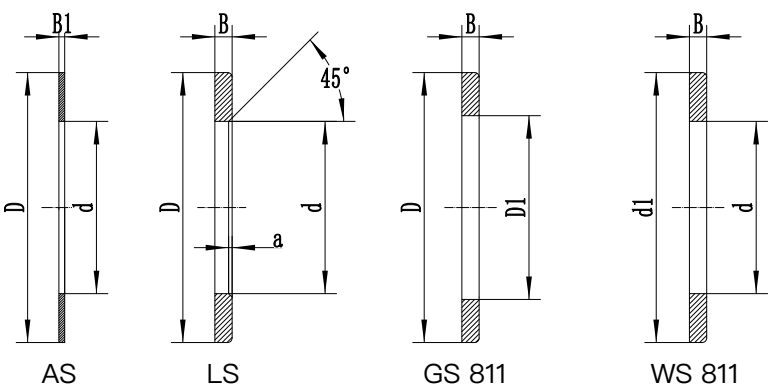
Series GS, WS, LS thrust collars are made of bearing steel with the quenching process. The outer surface of GS seat ring and the inner surface of WS shaft ring are ground. Series LS thrust collar is an economic product with machining the outer and inter surfaces.

As for Series ZS thrust collar, when it is required for assembly to set up the bearing as bidirectional location, the series ZS collar can be used as axial location or seat hole location.

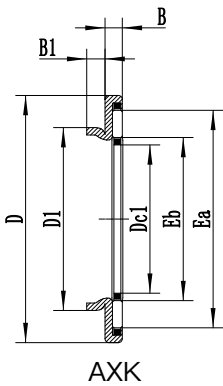




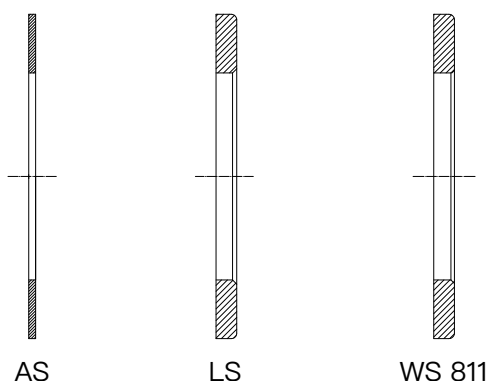
轴径 mm	推力滚针和保持架组件		推力轴承垫圈		推力轴承垫圈		重量 g
	型号	重量 g	轴承垫圈代号	重量 g	轴圈代号	座圈代号	
4	AXK0414TN	0.7	AS0414	1	—	—	—
5	AXK0515TN	0.8	AS0515	1	—	—	—
6	AXK0619TN	1	AS0619	2	LS0619	—	4
8	AXK0821TN	2	AS0821	2	LS0821	—	4
10	AXK1024	3	AS1024	3	LS1024	—	7
12	AXK1226	3	AS1226	3	LS1226	—	8
15	AXK1528	4	AS1528	3	LS1528	GS81102	9
17	AXK1730	4	AS1730	4	LS1730	GS81103	9
20	AXK2035	5	AS2035	5	LS2035	GS81104	13
25	AXK2542	7	AS2542	7	LS2542	GS81105	19
30	AXK3047	8	AS3047	8	LS3047	GS81106	22
35	AXK3552	10	AS3552	9	LS3552	GS81107	29
40	AXK4060	16	AS4060	12	LS4060	GS81108	40
45	AXK4565	18	AS4565	13	LS4565	GS81109	50
50	AXK5070	20	AS5070	14	LS5070	GS81110	55
55	AXK5578	28	AS5578	18	LS5578	GS81111	88
60	AXK6085	33	AS6085	22	LS6085	GS81112	97
65	AXK6590	35	AS6590	24	LS6590	GS81113	115
70	AXK7095	60	AS7095	25	LS7095	GS81114	123
75	AXK75100	61	AS75100	27	LS75100	GS81115	142
80	AXK80105	63	AS80105	28	LS80105	GS81116	151
85	AXK85110	67	AS85100	29	LS85110	GS81117	159
90	AXK90120	86	AS90120	39	LS90120	GS81118	234
100	AXK100135	104	AS100135	50	LS100135	GS81120	350
110	AXK110145	122	AS110145	55	LS110145	GS81122	385
120	AXK120155	131	AS120155	59	LS120155	GS81124	415
130	AXK130170	205	AS130170	65	LS130170	GS81126	663
140	AXK140180	219	AS140180	79	LS140180	GS81128	749
150	AXK150190	232	AS150190	84	LS150190	GS81130	796
160	AXK160200	246	AS160200	89	LS160200	GS81132	842



d	D1	尺寸				a/r min	滚道尺寸		基本额定负荷		极限转速 r/min
		D	d1	Dw	B1	B	Eb	Ea	动 KN	静 KN	
4	—	14	—	2	1	—	5	13	4.4	8	21000
5	—	15	—	2	1	—	6	14	4.75	9.2	21000
6	—	19	—	2	1	2.75	0.3	7	18	6.8	19000
8	—	21	—	2	1	2.75	0.3	9	20	7.8	18000
10	—	24	—	2	1	2.75	0.3	12	23	9.2	17000
12	—	26	—	2	1	2.75	0.3	14	25	9.9	15000
15	16	28	28	2	1	2.75	0.3	17	27	11.3	13000
17	18	30	30	2	1	2.75	0.3	19	29	11.9	12000
20	21	35	35	2	1	2.75	0.3	22	34	13.1	10000
25	26	42	42	2	1	3	0.6	29	41	14.7	8500
30	32	47	47	2	1	3	0.6	34	46	16.3	7500
35	37	52	52	2	1	3.5	0.6	39	51	17.8	6500
40	42	60	60	3	1	3.5	0.6	45	58	28	6000
45	47	65	65	3	1	4	0.6	50	63	30	5000
50	52	70	70	3	1	4	0.6	55	68	32	4800
55	57	78	78	3	1	5	0.6	60	76	38	4300
60	62	85	85	3	1	4.75	1	65	83	44.5	4000
65	67	90	90	3	1	5.25	1	70	88	46.5	3700
70	72	95	95	4	1	5.25	1	74	93	54	3500
75	77	100	100	4	1	5.75	1	79	98	55	3300
80	82	105	105	4	1	5.75	1	84	103	56	3100
85	87	110	110	4	1	5.75	1	89	108	58	3000
90	92	120	120	4	1	6.5	1	94	118	73	2700
100	102	135	135	4	1	7	1	105	133	91	2500
110	112	145	145	4	1	7	1	115	143	97	2300
120	122	155	155	4	1	7	1	125	153	102	2100
130	132	170	170	5	1	9	1	136	167	133	1900
140	142	180	178	5	1	9.5	1	146	177	138	1800
150	152	190	188	5	1	9.5	1	156	187	143	1700
160	162	200	198	5	1	9.5	1	166	197	145	1600

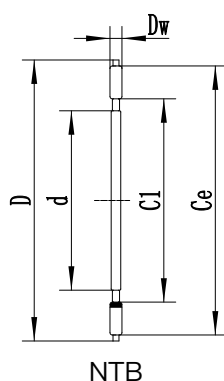


轴径 mm	轴承型号	重量 g	Dc1	D1	尺寸			滚道尺寸		基本额定负荷		极限转速 r/min
					D	B	B1	Eb	Ea	动 KN	静 KN	
10	AXW10	8.3	10	14	27	3.2	3	12	23	9.2	25.5	16000
12	AXW12	9.1	12	16	29	3.2	3	14	25	9.9	29	14000
15	AXW15	10	10	15	21	3.2	3.5	17	27	11.3	36	13000
17	AXW17	11	17	23	33	3.2	3.5	19	29	11.9	39.5	12000
20	AXW20	14	20	26	38	3.2	3.5	22	34	13.1	46.5	10000
25	AXW25	20	25	32	45	3.2	4	29	41	14.7	58	8000
30	AXW30	22	30	37	50	3.2	4	34	46	16.3	70	7000
35	AXW35	27	35	42	55	3.2	4	39	51	17.8	81	6500
40	AXW40	39	40	47	63	4.2	4	45	58	28	114	5500
45	AXW45	43	45	52	68	4.2	4	50	63	30	128	5000
50	AXW50	49	50	58	73	4.2	4.5	55	68	32	143	4700

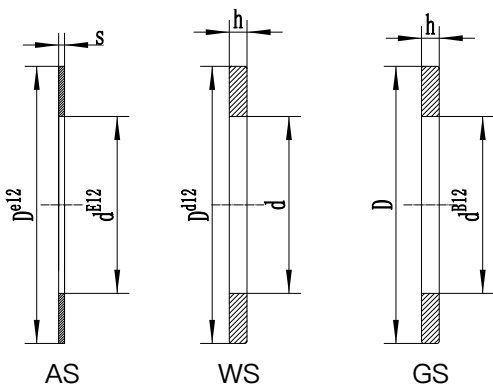


适合组合的轴承垫圈和轴承

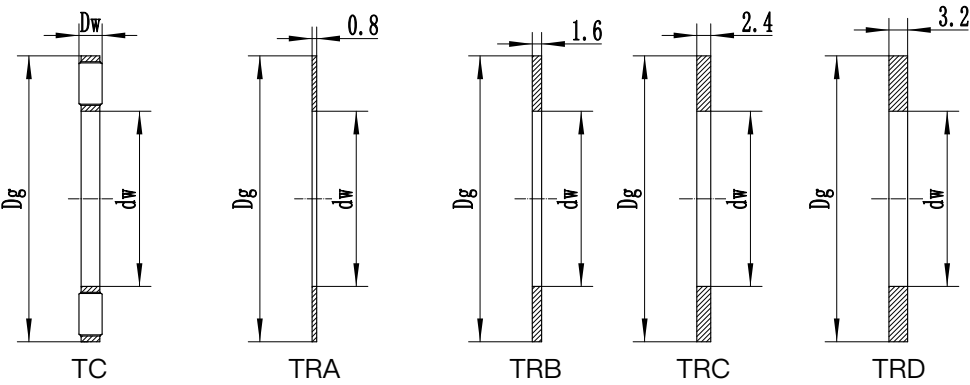
AS	LS	WS811	HK	HK...RS	BK	NK NKS RNA49 RNA69	NKI NKIS NA49 NA69
AS1024	LS1024	—	HK1010, HK1012	—	BK1010, BK1012	NK7/10TN	—
—	—	—	HK1015	—	BK1015	NK7/12TN	—
AS1226	LS1226	—	HK1210	—	BK1210	NK9/12TN	NKI6/12TN
—	—	—	—	—	—	NK9/16TN	NKI6/16TN
AS1528	LS1528	WS81102	HK1512, HK1516	HK1514RS	BK1512, BK1516	—	—
—	—	—	HK1522	—	—	—	—
AS1730	LS1730	WS81103	HK1712	—	—	NK15/16, NK15/20	—
AS2035	LS2035	WS81104	HK2012, HK2016	HK2018RS	BK2016	NK18/16, NK18/20	—
—	—	—	HK2020	—	BK2020	—	—
—	—	—	HK2030	—	—	—	—
AS2542	LS2542	WS81105	HK2512, HK2516	HK2518RS	—	NK24/16, NK24/20	NKI20/16
—	—	—	HK2520, HK2526	—	BK2520, BK2526	NKS20	NKI20/20
—	—	—	HK2538	—	BK2538	—	—
AS3047	LS3047	WS81106	HK3012, HK3016	HK3018RS	BK3012, BK3016	NK28/20, NK28/30	NA4904
—	—	—	HK3020, HK3026	—	BK3020, BK3026	NKS24	NA6904
—	—	—	HK3038	—	BK3038	RNA4904, RNA6904	—
AS3552	LS3552	WS81107	HK3512, HK3516	HK3518RS	—	NK32/20, NK32/30	NKI S20, NA4905
—	—	—	HK3520	—	BK3520	NKS28	NA6905
—	—	—	—	—	—	RNA4905, RNA6905	NKI28/20, NKI28/30
AS4060	LS4060	WS81108	HK4012, HK4016	HK4018RS	—	NK37/20, NK37/30	NKI S25, NA4906
—	—	—	HK4020	—	BK4020	NKS32	NA6906
—	—	—	—	—	—	RNA4906, RNA6906	NKI32/20
—	—	—	—	—	—	—	NKI32/30
AS4565	LS4565	WS81109	HK4516, HK4520	HK4518RS	BK4520	NK42/20, NK42/30	NKI S30
—	—	—	—	—	—	NKS37	NA49/32
—	—	—	—	—	—	RNA49/30, RNA69/32	NA69/32
AS5070	LS5070	WS81110	HK5020, HK5025	HK5022RS	—	NKS43	NKI S35



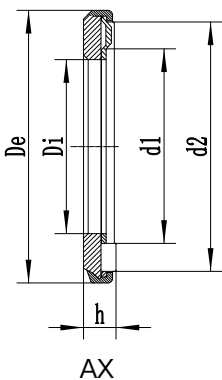
轴径 mm	推力滚针轴承和保持架组件型号						重量 g
	推力滚针轴承和保持架组件	重量 g	推力片	重量 g	轴圈	座圈	
10	NTB1024	3.3	AS1024	2.9	WS1024	GS1024	8
12	NTB1226	3.8	AS1226	3.2	WS1226	GS1226	8.9
15	NTB1528	4.1	AS1528	3.4	WS1528	GS1528	9.3
16	NTB1629	4.3	AS1629	3.6	WS1629	GS1629	9.8
17	NTB1730	4.5	AS1730	3.7	WS1730	GS1730	10.2
18	NTB1831	4.7	AS1831	3.9	WS1831	GS1831	10.7
20	NTB2035	6.1	AS2035	5	WS2035	GS2035	13.8
25	NTB2542	8.2	AS2542	6.9	WS2542	GS2542	21
30	NTB3047	9.4	AS3047	7.9	WS3047	GS3047	24
35	NTB3552	10.6	AS3552	8.9	WS3552	GS3552	31.5
40	NTB4060	22	AS40603	12.1	WS4060	GS4060	42.5
45	NTB4565	24.5	AS4565	13.3	WS4565	GS4565	53.5
50	NTB5070	26.5	AS5070	14.5	WS5070	GS5070	58.5
55	NTB5578	33.5	AS5578	18.5	WS5578	GS5578	93
60	NTB6085	38.5	AS6085	22	WS6085	GS6085	105
65	NTB6590	41.5	AS6590	23.5	WS6590	GS6590	124
70	NTB7095	61	AS7090	25	WS7095	GS7095	132
75	NTB75100	65	AS75100	26.5	WS75100	GS75100	153
80	NTB80105	68.5	AS80105	28	WS80105	GS80105	162
85	NTB85110	72	AS85110	29.5	WS85110	GS85110	170
90	NTB90120	92	AS90120	38	WS90120	GS90120	250
100	NTB100135	119	AS100135	50	WS110135	GS100135	350
110	NTB110145	129	AS110145		WS110145	GS110145	380
120	NTB120155	139	AS120155		WS120155	GS120155	410
130	NTB130170	225	AS130170		WS130170	GS130170	660



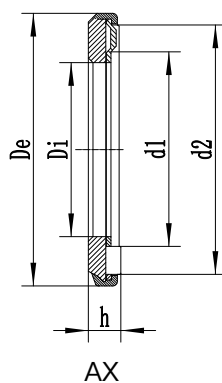
尺寸 mm								基本额定负荷		极限转速 r/min
d	D	Dw	s	h	Rs (1)	Ci	Ce	动 kgf	静 kgf	
10	24	2	1	2.75	0.3	14	22	800	2440	15000
12	26	2	1	2.75	0.3	16	24	850	2750	13000
15	28	2	1	2.75	0.3	18	26	900	3050	12000
16	29	2	1	2.75	0.3	19	27	920	3200	11000
17	30	2	1	2.75	0.3	20	28	950	3360	11000
18	31	2	1	2.75	0.3	21	29	970	3510	10000
20	35	2	1	2.75	0.3	23	33	1200	4740	9000
25	42	2	1	3	0.6	29	40	1470	6600	7500
30	47	2	1	3	0.6	34	45	1570	7470	6500
35	52	2	1	3.5	0.6	39	50	1670	8350	5500
40	60	3	1	3.5	0.6	45	57	2470	11000	5000
45	65	3	1	4	0.6	50	62	2640	12400	4500
50	70	3	1	4	0.6	55	67	2810	13700	4000
55	78	3	1	5	0.6	61	75	3300	17500	4000
60	85	3	1	4.75	1	66	82	3900	22300	3500
65	90	3	1	5.25	1	71	87	4090	24100	3000
70	95	4	1	5.25	1	75	91	4830	24900	3000
75	100	4	1	5.75	1	80	96	4930	26100	3000
80	105	4	1	5.75	1	85	101	5050	27200	2500
85	110	4	1	5.75	1	90	106	5130	28400	2500
90	120	4	1	6.5	1	96	116	6570	40100	2500
100	135	4	1	7	1	107	131	8190	55200	2000
110	145	4		7	1	117	141	8480	59000	2000
120	155	4		7	1	127	151	8960	64700	1800
130	170	5		9	1	137	165	12300	85500	1700



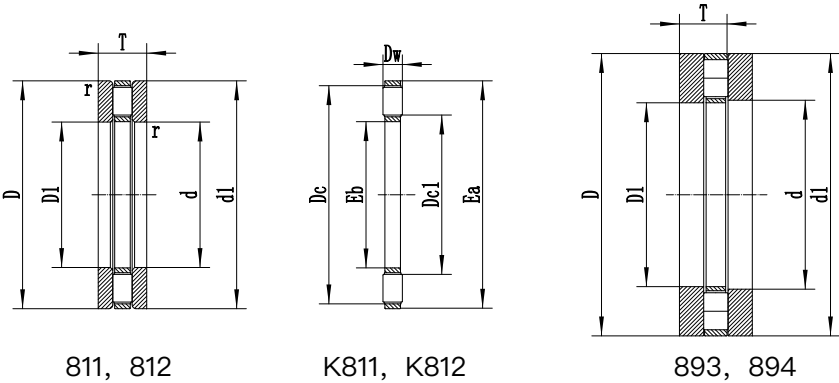
轴径 mm	轴承型号	dw/d		外形尺寸 Dg/D		Dw		基本额定负荷 动 静		极限转速 油润滑 r/min	垫圈 TRA/TRB TRC/TRD
		inch	mm	inch	mm	inch	mm	N			
1/4	TC411	0.25	6.35	0.687	17.45	0.0781	1.984	1370	3000	16000	411
5/16	TC512	0.312	7.49	0.75	19.05	0.0781	1.984	1560	3650	15000	512
3/8	TC613	0.375	9.52	0.812	20.62	0.0781	1.984	1620	4000	15000	613
1/2	TC815	0.5	12.7	0.937	23.8	0.0781	1.984	1920	5300	13000	815
5/8	TC1018	0.625	15.88	1.125	28.58	0.0781	1.984	2170	6600	11000	1018
3/4	TC1220	0.75	19.05	1.25	31.75	0.0781	1.984	2410	8000	9500	1220
7/8	TC1423	0.875	22.22	1.437	36.5	0.0781	1.984	2900	10500	8500	1423
	TC1427	0.875	22.22	1.687	42.85	0.0781	1.984	4400	18600	7500	1427
1	TC1525	1	25.4	1.562	39.67	0.0781	1.984	3150	12100	7500	1525
1 1/8	TC1828	1.125	28.58	1.75	44.45	0.0781	1.984	3850	16300	6500	1828
1 3/16	TC1931	1.188	30.16	1.937	49.2	0.0781	1.984	4500	20500	6000	1931
1 1/4	TC2013	1.25	31.75	1.937	49.2	0.0781	1.984	4500	20500	6000	2013
1 3/8	TC2233	1.375	34.92	2.062	52.37	0.0781	1.984	4600	21600	5500	2233
1 1/2	TC2435	1.5	38.1	2.187	55.55	0.0781	1.984	4850	23700	5000	2435
1 3/4	TC2840	1.75	44.45	2.5	63.5	0.0781	1.984	5600	30000	4500	2840
2	TC3244	2	50.8	2.75	69.85	0.0781	1.984	5800	32500	4000	3244
2 1/4	TC3648	2.25	57.15	3	76.2	0.0781	1.984	6000	35000	3600	3648
2 1/2	TC4052	2.5	63.5	3.25	82.55	0.0781	1.984	6200	37500	3300	4052
3	TC4860	3	76.2	3.75	95.25	0.0781	1.984	6600	42500	2800	4860
3 1/4	TC5266	3.25	82.55	4.125	104.78	0.125	3.175	10900	61000	2600	5266
4 1/8	TC6681	4.125	104.78	6.062	128.57	0.125	3.175	14200	92000	2100	6681



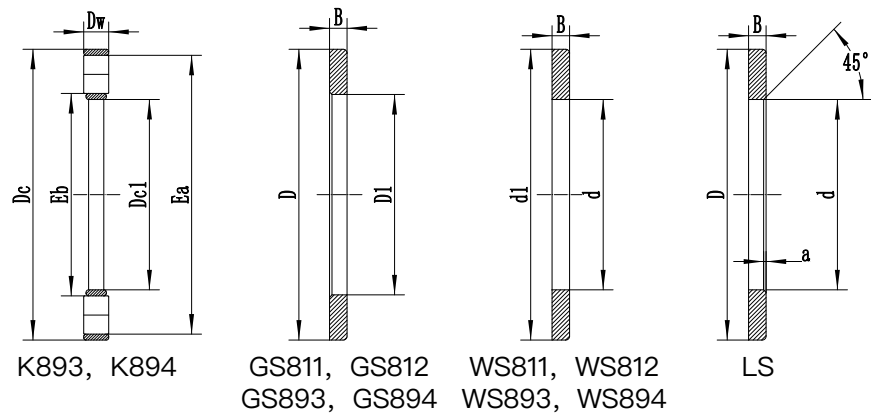
轴径 mm	轴承型号		重量 g	外形尺寸					基本额定负荷		极限转速 r/min
	AX	AX		Di	De	h	d1	d2	动 N	静 N	
5	AX 5 13		1.3	5	13	2.3	6.3	10.9	3000	5700	25000
		AX 3.5 5 13	2.3	5	13	3.5	6.3	10.9	3000	5700	25000
6	AX 6 14		1.4	6	14	2.3	7.3	11.9	3150	6350	22000
		AX 3.5 6 14	2.4	6	14	3.5	7.3	11.9	3150	6350	22000
7	AX 7 15		1.7	7	15	2.3	8.3	12.9	3550	7600	22000
		AX 3.5 7 15	2.9	7	15	3.5	8.3	12.9	3550	7600	22000
8	AX 8 16		1.7	8	16	2.3	9.3	13.9	3700	8300	22000
		AX 3.5 8 16	3	8	16	3.5	9.3	13.9	3700	8300	22000
9	AX 9 17		2.1	9	17	2.3	10.3	14.9	4050	9500	19000
		AX 3.5 9 17	3.5	9	17	3.5	10.3	14.9	4050	9500	19000
10	AX 10 22		4	10	22	2.8	12	18.6	5000	10900	15500
		AX 4 10 22	6.5	10	22	4	12	18.6	5000	10900	15500
12	AX 12 26		6	12	26	2.8	15	22.6	6900	17700	13000
		AX 4 12 26	10	12	26	4	15	22.6	6900	17700	13000
13	AX 13 26		6	13	26	2.8	15	22.6	6900	17700	13000
		AX 4 13 26	9.8	13	26	4	15	22.6	6900	17700	11300
15	AX 15 28		6.9	15	28	2.8	17	24.6	7400	20000	11500
		AX 4 15 28	9	15	28	4	17	24.6	7400	20000	11500
17	AX 17 30		7.6	17	30	2.8	19	26.6	7800	22000	10500
		AX 4 17 30	10	17	30	4	19	26.6	7800	22000	10500
19	AX 19 32		8.6	19	32	2.8	21	28.6	8000	23300	10000
		AX 4 19 32	13	19	32	4	21	28.6	8000	23300	10000
20	AX 20 35		10.2	20	35	2.8	22	31.6	11800	39000	9000
		AX 5 20 35	18	20	35	5	22	31.6	11800	39000	9000
25	AX 25 42		11.5	25	42	2.8	27.7	37.4	13300	49000	7500
		AX 5 25 42	25	25	42	5	27.7	37.4	13300	49000	7500
27	AX 27 44		12.1	27	44	2.8	30	39.5	13700	52000	7200
30	AX 30 47		13.7	30	47	2.8	32.7	42.4	14500	57000	6500
		AX 5 30 47	29	30	47	5	32.7	42.4	14500	57000	6500
35	AX 35 52		18.5	35	52	2.8	37.2	49	18900	84000	5500
		AX 5 35 52	35	35	52	5	37.2	49	18900	84000	5500
	AX 35 53		19.3	35	53	2.8	37.2	49	18900	84000	5500
		AX 5 35 53	36	35	53	5	37.2	49	18900	84000	5500



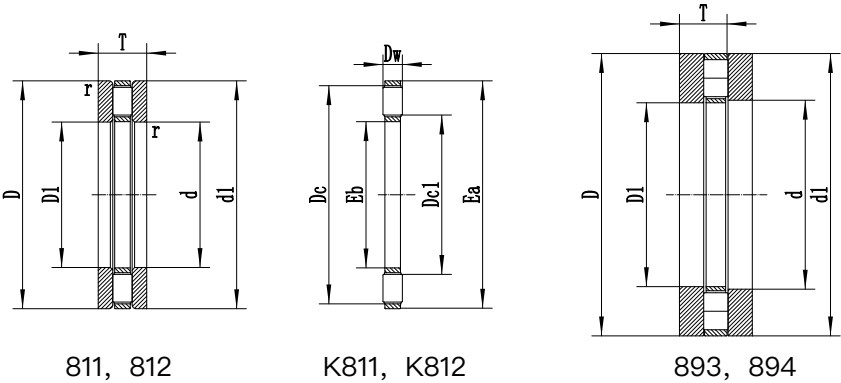
轴径 mm	轴承型号		重量		外形尺寸				基本额定负荷 动 静		极限转速 r/min
	AX	AX	g	Di	De	h	d1	d2	N		
40	AX 40 60		23.9	40	60	2.8	43	54.9	20400	96000	5000
		AX 5 40 60	45	40	60	5	43	54.9	20400	96000	5000
45	AX 45 65		24.7	45	65	2.8	48	59.9	21800	109000	4500
		AX 5 45 65	50	45	65	5	48	59.9	21800	109000	4500



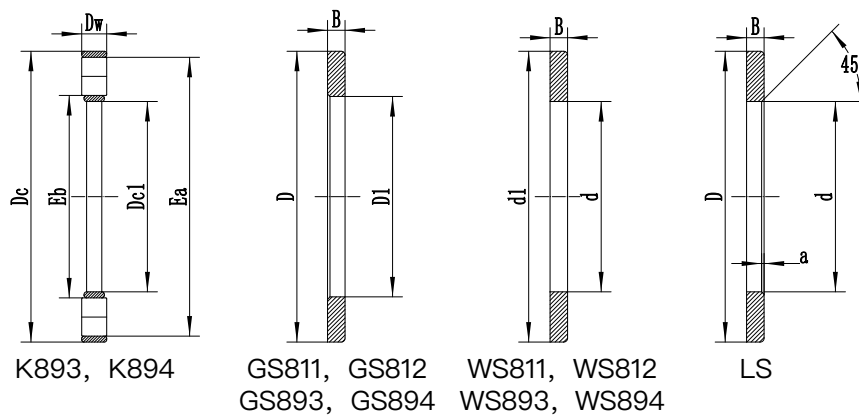
推力圆柱滚子轴承及保持架组件					推力轴承垫圈			
轴径 mm	型号	重量 Kg	型号	重量 Kg	座圈	轴圈	轴承垫圈	重量 Kg
15	81102TN	0.024	K81102TN	0.006	GS81102	WS81102	LS1528	0.008
17	81103TN	0.027	K81103TN	0.009	GS81103	WS81103	LS1730	0.009
20	81104TN	0.037	K81104TN	0.013	GS81104	WS81104	LS2035	0.012
25	81105TN	0.053	K81105TN	0.015	GS81105	WS81105	LS2542	0.019
30	81106TN	0.057	K81106TN	0.017	GS81106	WS81106	LS3047	0.02
	81206TN	0.123	K81206TN	0.033	GS81206	WS81206		0.045
	89306TN	0.24	K89306TN	0.04	GS89306	WS89306		0.095
35	81107TN	0.073	K81107TN	0.019	GS81107	WS81107	LS3552	0.027
	81207TN	0.195	K81207TN	0.043	GS81207	WS81207		0.076
	89307TN	0.34	K89307TN	0.053	GS89307	WS89307		0.134
40	81108TN	0.105	K81108TN	0.031	GS81108	WS81108	LS4060	0.037
	81208TN	0.249	K81208TN	0.081	GS81208	WS81208		0.084
	89308TN	0.484	K89308TN	0.098	GS89308	WS89308		0.193
45	81109TN	0.13	K81109TN	0.035	GS81109	WS81109	LS4565	0.047
	81209TN	0.287	K81209TN	0.085	GS81209	WS81209		0.101
	89309TN	0.615	K89309TN	0.121	GS89309	WS89309		0.247
50	81110TN	0.14	K81110TN	0.038	GS81110	WS81110	LS5070	0.051
	81210TN	0.356	K81210TN	0.098	GS81210	WS81210		0.051
	89310TN	0.887	K89310TN	0.175	GS89310	WS89310		0.129
55	81111TN	0.218	K81111TN	0.045	GS81111	WS81111	LS5578	0.082
	81211TN	0.568	K81211TN	0.166	GS81211	WS81211		0.201
	89311TN	1.18	K89311TN	0.195	GS89311	WS89311		0.485
60	81112TN	0.266	K81112TN	0.082	GS81112	WS81112	LS6085	0.092
	81212TN	0.642	K81212TN	0.176	GS81212	WS81212		0.233
	89312TN	1.26	K89312TN	0.21	GS89312	WS89312		0.517
	89412TN	2.818	K89412TN	0.538	GS89412	WS89412		1.115
65	81113TN	0.31	K81113TN	0.09	GS81113	WS81113	LS6590	0.11
	81213TN	0.721	K81213TN	0.185	GS81213	WS81213		0.268
	89313TN	1.33	K89313TN	0.21	GS89313	WS89313		0.535
	89413TN	3.52	K89413TN	0.72	GS89413	WS89413		1.4
70	81114TN	0.332	K81114TN	0.092	GS81114	WS81114	LS7095	0.12
	81214TN	0.768	K81214TN	0.212	GS81214	WS81214		0.278
	89314TN	1.82	K89314TN	0.29	GS89314	WS89314		0.8
	89414TN	4.18	K89414TN	0.76	GS89414	WS89414		1.73
75	81115TN	0.393	K81115TN	0.096	GS81115	WS81115	LS75100	0.136
	81215TN	0.8	K81215TN	0.195	GS81215	WS81215		0.293
	89315TN	2.23	K89315TN	0.375	GS89315	WS89315		0.97
	89415	5.96	K89415	1.78	GS89415	WS89415		2.09
80	81116TN	0.4	K81116TN	0.095	GS81116	WS81116	LS80105	0.144



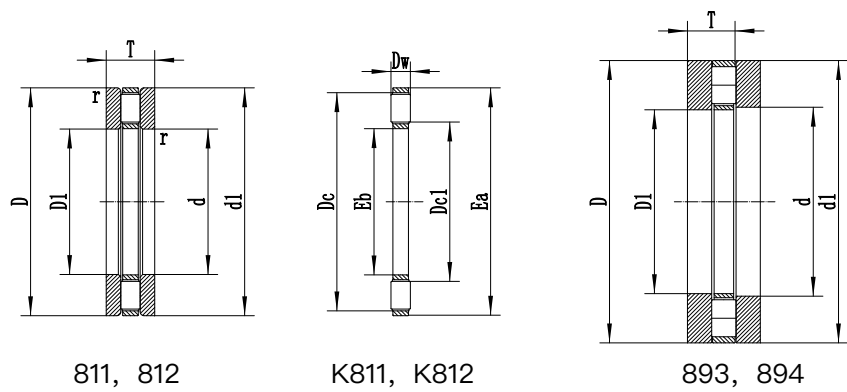
尺寸								滚道尺寸		基本额定负荷		极限转速
Dc I	D1	DcD	d1	T	Dw	B	a r	Eb	Ea	动 KN	静	r/min
15	16	28	28	9	3.5	2.75	0.3	16	27	14.4	28.5	13000
17	18	30	30	9	3.5	2.75	0.3	18	29	15.9	33.5	12000
20	21	35	35	10	4.5	2.75	0.3	21	34	24.9	53	10000
25	26	42	42	11	5	3	0.6	26	41	33.5	76	8500
30	32	47	47	11	5	3	0.6	31	46	35.5	86	7500
30	32	52	52	16	7.5	4.25	0.6	31	50	64	141	7000
30	32	60	60	18	5.5	6.25	1	33	59	69	197	6500
35	37	52	52	12	5	3.5	0.6	36	51	39	101	6500
35	37	62	62	18	7.5	5.25	1	39	58	80	199	6000
35	37	68	68	20	6	7	1	38	67	80	237	5500
40	42	60	60	13	6	3.5	0.6	42	58	56	148	6000
40	42	68	68	19	9	5	1	43	66	107	265	5500
40	42	78	78	22	7	7.5	1	44	77	122	385	4900
45	47	65	65	14	6	4	0.6	47	63	59	163	5000
45	47	73	73	20	9	5.5	1	48	70	105	265	4900
45	47	85	85	24	7.5	8.25	1	49	83	139	445	4400
50	52	70	70	14	6	4	0.6	52	68	61	177	4800
50	52	78	78	22	9	6.5	1	53	75	117	315	4500
50	52	95	95	27	8	9.5	1.1	56	92	167	560	4000
55	57	78	78	16	6	5	0.6	57	77	90	300	4300
55	57	90	90	25	11	7	1	59	85	154	405	4000
55	57	105	105	30	9	10.5	1.1	61	103	184	600	3600
60	62	85	85	17	7.5	4.75	1	62	82	103	315	4000
60	62	95	95	26	11	7.5	1	64	91	172	480	3700
60	62	110	110	30	9	10.5	1.1	66	108	196	670	3400
60	62	130	130	42	14	14	1.5	65	126	390	1220	3000
65	67	90	90	18	7.5	5.25	1	67	87	107	340	3700
65	67	100	100	27	11	8	1	69	96	177	500	3500
65	67	115	115	30	9	10.5	1.1	71	113	194	670	3200
65	68	140	140	45	15	15	2	70	135	445	1410	2800
70	72	95	95	18	7.5	5.25	1	72	92	111	365	3500
70	72	105	105	27	11	8	1	74	102	187	550	3300
70	72	125	125	34	10	12	1.1	76	123	239	830	3000
70	73	150	150	48	16	16	2	76	147	475	1500	2600
75	77	100	100	19	7.5	5.75	1	78	97	107	350	3300
75	77	110	110	27	11	8	1	79	106	172	500	3100
75	77	135	135	36	11	12.5	1.5	81	132	285	1010	2700
75	78	160	160	51	17	17	2	82	153	500	1580	2500
80	82	105	105	19	7.5	5.75	1	83	102	106	350	3100



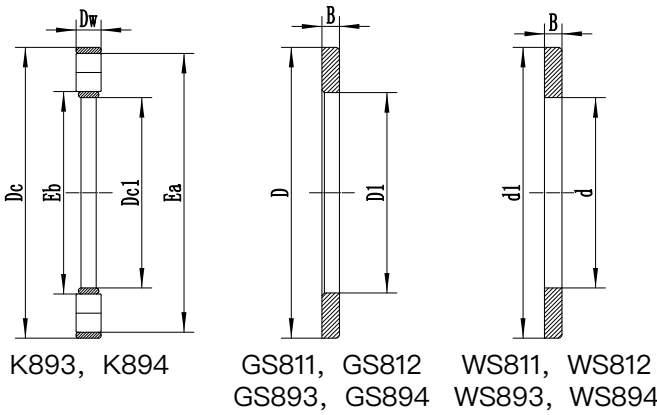
轴径 mm	推力圆柱滚子轴承及保持架组件				推力轴承垫圈			
	型号	重量 Kg	型号	重量 Kg	座圈	轴圈	轴承垫圈	重量 Kg
80	81216 TN	0.9	K812 16 TN	0.234	GS812 16	WS812 16		0.333
	89316 TN	2.37	K893 16 TN	0.42	GS893 16	WS893 16		1.02
	89416	7.04	K894 16	2.04	GS894 16	WS894 16		2.5
85	81117 TN	0.42	K811 17 TN	0.118	GS811 17	WS811 17	LS85110	0.151
	81217 TN	1.26	K812 17 TN	0.28	GS812 17	WS812 17		0.49
	89317	3	K893 17	0.54	GS893 17	WS893 17		1.23
	89417	8.65	K894 17	2.71	GS894 17	WS894 17		2.97
90	81118 TN	0.62	K811 18 TN	0.15	GS811 18	WS811 18	LS90120	0.225
	81218 TN	1.77	K812 18 TN	0.542	GS812 18	WS812 18		0.614
	89318	3.28	K893 18	0.62	GS893 18	WS893 18		1.33
	89418	9.94	K894 18	3.04	GS894 18	WS894 18		3.45
100	81120 TN	0.95	K811 20 TN	0.25	GS811 20	WS811 20	LS100135	0.35
	81220 TN	2.2	K812 20 TN	0.6	GS812 20	WS812 20		0.8
	89320	4.19	K893 20	0.81	GS893 20	WS893 20		1.69
	89420	13.42	K894 20	3.92	GS894 20	WS894 20		4.75
110	811 22 TN	1.04	K811 22TN	0.27	GS811 22	WS811 22	LS110145	0.385
	812 22 TN	2.29	K812 22TN	0.53	GS812 22	WS812 22		0.88
	89322	6.55	K893 22	1.67	GS893 22	WS893 22		2.44
	89422	17.41	K894 22	5.11	GS894 22	WS894 22		6.15
120	811 24TN	1.12	K811 24TN	0.29	GS811 24	WS811 24	LS120155	0.415
	812 24TN	2.54	K812 24TN	0.58	GS812 24	WS812 24		0.98
	89324	9.24	K893 24	2.44	GS893 24	WS893 24		3.4
	89424	21.77	K894 24	6.37	GS894 24	WS894 24		7.7
130	811 26TN	1.67	K811 26TN	0.38	GS811 26	WS811 26	LS130170	0.643
	812 26TN	3.98	K812 26TN	0.92	GS812 26	WS812 26		1.53
	89326	10	K893 26	1.91	GS893 26	WS893 26		4.045
	89426	26.96	K894 26	7.96	GS894 26	WS894 26		9.5
140	811 28TN	1.9	K811 28TN	0.4	GS811 28	WS811 28	LS140180	0.749
	81228	4.567	K812 28	1.197	GS812 28	WS812 28		1.634
	89328	11.99	K893 28	2.39	GS893 28	WS893 28		4.8
	89428	29.7	89428	8.54	GS894 28	WS894 28		10.6
150	811 30TN	2.2	K811 30TN	0.43	GS811 30	WS811 30	LS150190	0.796
	81230	5.886	K812 30	1.52	GS812 30	WS812 30		2.18
	89330	12.63	K893 30	2.51	GS893 30	WS893 30		5.06
	89430	35.36	K894 30	10.36	GS894 30	WS894 30		12.5
160	811 32TN	2.12	K811 32TN	0.44	GS811 32	WS811 32	LS160200	0.842
	81232	7.96	K812 32	3.36	GS812 32	WS812 32		2.3
	89432	42	K894 32	12.42	GS894 32	WS894 32		14.8
170	811 34TN	2.41	K811 34TN	0.66	GS811 34	WS811 34		1.1



尺寸					滚道尺寸					基本额定负荷		极限转速 r/min
Dc I	D1	DcD	d1	T	Dw	B	ar mm	Eb	Ea	动	静	
										KN	KN	
80	82	115	115	28	11	8.5	1	84	112	201	630	3000
80	82	140	140	36	11	12.5	1.5	86	137	305	1110	2600
80	83	170	170	54	18	18	2.1	88	165	560	1770	2300
85	87	110	110	19	7.5	5.75	1	87	108	112	385	3000
85	88	125	125	31	12	9.5	1	90	119	217	660	2700
85	88	150	150	39	12	13.5	1.5	93	147	325	1140	2500
85	88	180	180	58	19	19.5	2.1	93	175	620	1980	2200
90	92	120	120	22	9	6.5	1	93	117	141	465	2700
90	93	135	135	35	14	10.5	1.1	95	129	290	890	2600
90	93	155	155	39	12	13.5	1.5	98	152	335	1200	2400
90	93	190	190	60	20	20	2.1	99	185	680	2200	2100
100	102	135	135	25	11	7	1	104	131	199	650	2500
100	103	150	150	38	15	11.5	1.1	107	142	340	1080	2300
100	103	170	170	42	13	14.5	1.5	107	167	380	1400	2100
100	103	210	210	67	22	22.5	3	111	205	850	2850	1900
110	112	145	145	25	11	7	1	114	141	207	700	2300
110	113	160	160	38	15	11.5	1.1	117	152	325	1030	2100
110	113	190	190	48	15	16.5	2	120	186	500	1870	1900
110	113	230	30	73	24	24.5	3	121	223	1000	3400	1700
120	122	155	155	25	11	7	1	124	151	214	760	2100
120	123	170	170	39	15	12	1.1	127	162	340	1120	2000
120	123	210	210	54	17	18.5	2.1	130	206	640	2420	1700
120	123	250	250	78	26	26	4	133	243	1170	4000	1600
130	132	170	170	30	12	9	1	135	165	250	900	1900
130	133	190	187	45	19	13	1.5	137	181	480	1520	1800
130	134	225	225	58	18	20	2.1	141	220	710	2700	1600
130	134	270	270	85	28	28.5	4	145	263	1330	4600	1400
140	142	180	178	31	12	9.5	1	145	175	260	960	1800
140	143	200	197	46	19	13.5	1.5	147	191	455	1450	1700
140	144	240	240	60	19	20.5	2.1	152	235	820	3200	1500
140	144	280	280	85	28	28.5	4	155	273	1390	4950	1400
150	152	190	188	31	12	9.5	1	155	185	270	1020	1700
150	153	215	212	50	21	14.5	1.5	158	211	590	1940	1600
150	154	250	250	60	19	20.5	2.1	162	245	840	3350	1400
150	154	300	300	90	30	30	4	167	293	1570	5700	1300
160	162	200	198	31	12	9.5	1	165	195	270	1050	1600
160	163	225	222	51	21	15	1.5	168	220	600	2030	1500
160	164	320	320	95	32	31.5	5	179	313	1780	6500	1200
170	172	215	213	34	14	10	1.1	176	209	360	1380	1500



轴径 mm	推力圆柱滚子轴承及保持架组件				推力轴承垫圈			重量 Kg
	型号	重量 Kg	型号	重量 Kg	座圈	轴圈	轴承垫圈	
170	81234	7.69	K81234	1.89	GS81234	WS81234		2.9
	89434	51.87	K89434	14.87	GS89434	WS89434		18.5
180	81136	3.04	K81136	0.8	GS81136	WS81136		1.1
	81236	8.24	K81236	1.98	GS81236	WS81236		3.13
	89436	60.19	K89436	17.59	GS89436	WS89436		21.3
190	81138	3.84	K81138	0.94	GS81138	WS81138		1.45
	81238	10.4	K81238/	2.73	GS81238	WS81238		3.835
	89438	65.7	K89438	14.5	GS89438	WS89438		25.6
200	81140	4	K81140	0.98	GS81140	WS81140		1.51
	81240	11.91	K81240	3.09	GS81240	WS81240		4.41
	89440	74.8	K89440	16.2	GS89440	WS89440		29.3
220	81144	4.5	K81144	1.32	GS81144	WS81144		1.59
	81244	12.85	K81244	3.35	GS81244	WS81244		4.75
	89444	84.4	K89444	20	GS89444	WS89444		32.2
240	81148	7.25	K81148	2.11	GS81148	WS81148		2.57
	81248	21.95	K81248	5.65	GS81248	WS81248		8.15
	89448	87.8	K89448	19.2	GS89448	WS89448		34.3
260	81152	7.83	K81152	2.3	GS81152	WS81152		2.765
	81252	23.9	K81252	6.1	GS81252	WS81252		8.9
	89452	114	K89452	25.5	GS89452	WS89452		44.25
280	81156	10.3	K81156	3	GS81156	WS81156		3.65
	81256	25.9	K81256	6.4	GS81256	WS81256		9.75
	89456	142	K89456	30.8	GS89456	WS89456		55.6
300	81160	16.67	K81160	4.83	GS81160	WS81160		5.92
	81260	40.55	K81260	10.15	GS81260	WS81260		15.2
	89460	153	K89460	32.7	GS89460	WS89460		60.15
320	81164	17.82	K81164	5.12	GS81164	WS81164		6.35
	89464	193	K89464	70	GS89464	WS89464		61.5



尺寸								滚道尺寸		基本额定负荷		极限转速
DcI	D1	DcD	d1	T	Dw	B	ar	mm	Eb	Ea	动 静 KN	r/min
170	173	240	237	55	22	16.5	1.5		180	235	680	2340
170	174	340	340	103	34	34.5	5		191	233	1990	7400
180	183	225	222	34	14	10	1.1		185	219	340	1300
180	183	250	247	56	22	17	1.5		190	245	690	2440
180	184	360	360	109	3	36.5	5		200	351	2210	8200
190	193	240	237	37	15	11	1.1		197	233	385	1500
190	194	270	267	62	26	18	2		200	265	880	3000
190	195	380	380	115	38	38.5	5		214	373	2450	9200
200	203	250	247	37	15	11	1.1		206	243	390	1550
200	204	280	277	62	26	18	2		210	275	900	3150
200	205	400	400	122	40	41	5		226	393	2700	10200
220	223	270	267	37	15	11	1.1		226	263	420	1730
220	224	300	297	63	26	18.5	2		230	296	940	3450
220	225	420	420	122	40	41	6		244	411	2900	11500
240	243	300	297	45	18	13.5	1.5		248	296	600	2500
240	244	340	335	78	32	23	2.1		261	335	1370	5000
240	245	440	440	122	40	41	6		266	433	3000	12200
260	263	320	317	45	18	13.5	1.5		268	316	620	2650
260	264	360	355	79	32	23.5	2.1		280	353	1440	5400
260	265	480	480	132	44	44	6		288	472	3600	14700
280	283	350	347	53	22	15.5	4.5		288	346	860	3650
280	284	380	375	80	32	24	2.1		300	373	1460	5600
280	285	520	520	145	48	48.5	6		311	512	4200	17600
300	304	380	376	62	25	18.5	2		315	373	1060	4500
300	304	420	415	95	38	28.5	3		328	413	1930	7300
300	305	540	540	145	48	48.5	6		331	533	4350	18500
320	324	400	396	63	25	19	2		334	394	1100	4750
320	325	580	575	155	68	43.5	6		340	573	5500	19900

圆柱滚子轴承

Cylindrical Roller Bearing

圆柱滚子轴承是由轴承内圈和外圈与挡边引导的圆柱滚子带保持架组成的完整单元。圆柱滚子轴承通常以挡边不同来区分，本公司生产的圆柱滚子轴承有N、NU、NJ、NUP、NF型和带止动环的NUP...N、NUP...NR型圆柱滚子轴承！

该类轴承具有高刚度，一般只用来承受径向负荷、载荷容量大。除满装滚子轴承外，均采用高刚性保持架，能够正确的引导滚子平行于轴线。

The cylindrical roller bearing is composed of inner ring and roller guided by shoulder and with cage. The cylindrical roller is generally differentiated in accordance with the different shoulders. The cylindrical roller bearings made by our company include Model N, NU, NJ, NUP, NF and Model NUP...N, NUPN...NR with snap ring.

This kind of bearings has a high rigidity and high load carrying capacity, generally only withstanding the radial load. Except the full complement needle roller bearing, the bearings are equipped with high rigid cage correctly to guide the roller parallel to axis line.



圆柱滚子轴承

Cylindrical Roller Bearing

圆柱滚子轴承的各种结构是以挡边的不同来区分的。NU型圆柱滚子轴承，其外圈上有两个挡边和一个无挡边的内圈。N型圆柱滚子轴承，其内圈有两个挡边而外圈无挡边。NU、N型圆柱滚子轴承都是游动轴承，内外圈是可以分离的，便于安装和拆卸。NJ型轴承外圈上有双挡边，内圈上有单挡边；NF型轴承则是内圈上有双挡边，外圈上有单挡边，它们可以承受单向的轴向力。NUP型圆柱滚子轴承作为固定轴承，可以承受交变方向的轴向力，这种轴承外圈有双挡边和一个挡圈。

The structure of cylindrical roller bearing is distinguished in accordance with the different shoulders. Model NU cylindrical roller bearing has the outer ring with two shoulders and one inner ring without shoulder. As for Model N cylindrical roller bearing, the inner ring has two shoulders and the outer ring has no shoulder. Model NU, N cylindrical roller bearings are running bearings. The inner ring and outer ring can be separated conveniently for mounting and dismounting. As for Model NJ cylindrical roller bearing, the outer ring has double shoulders and the inner ring has single shoulder. As for Model NF cylindrical roller bearing, the inner ring has double shoulder and the outer has single shoulder, they can withstand the single-directional axial force. Model NUP cylindrical roller bearing is used as fixing bearing, withstanding the alternate directional axial force. The outer ring of it has double shoulder and one baffle ring.



带止动环圆柱滚子轴承

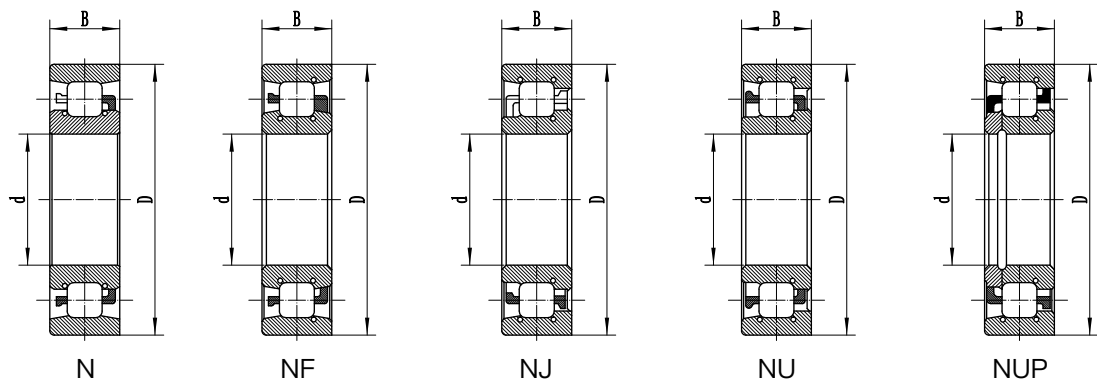
Cylindrical Roller Bearings With Snap Ring

带止动环圆柱滚子轴承NUP...N、NUP...NR型。外圈有止动槽，内圈有单挡边带平挡圈的圆柱滚子轴承，是NUP型轴承在外圈上加一个止动环槽的变型，可简化轴承在外壳孔内的轴向紧固，外壳孔可做成通孔，从而缩小了部件的轴向尺寸。

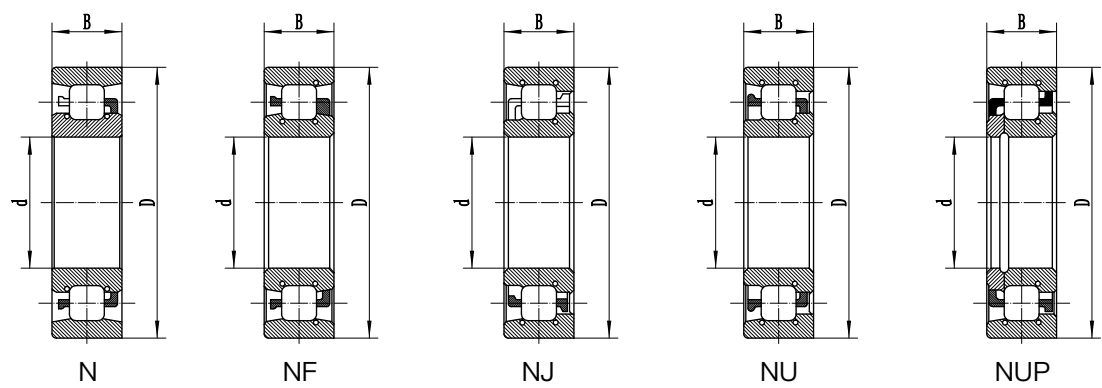
Model NUP...N, NUP...NR cylindrical roller bearings with snap ring,

The cylindrical roller bearing with the outer ring with a stop slot in the inner ring and single-shoulder and flat baffle ring in the inner ring is the modified type with Model NUP bearing adding a stop slot. It can simplify the axial fastening of bearing in housing bore. Because of through hole in outer housing, the axial size can be reduced.

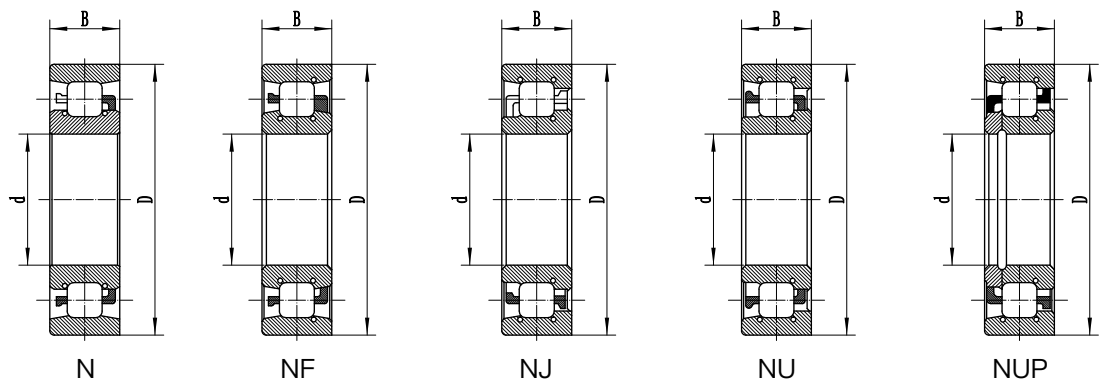




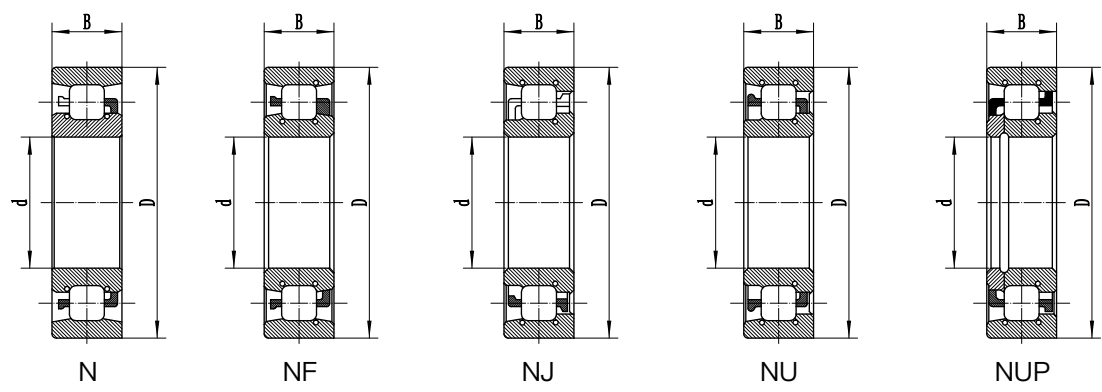
轴径 mm	轴承型号		重量 Kg	外形尺寸			基本额定负荷		极限转速	
	现型号	原型号		d	D	B	动 N	静	脂润滑 r/min	油润滑 r/min
15	NU202EP		0.06	15	35	11	7960	6640		
	NJ202ECP			15	35	11	7960	6640		
17	NJ203			17	40	12	17300	12900		
	NJ203ECP			17	40	12	17300	12900		
	NJ203TVP3			17	40	12	17300	12900		
	NJ203ECP (K)			17	40	12	17300	12900		
	NU303ECP			17	47	14	22400	18000		
20	NJ204			20	47	14	16600	13900	17000	20000
	NJ204ECP		0.135	20	47	14	16600	13900	17000	20000
	NU204E		0.122	20	47	14	16600	13900	17000	20000
	NUP204ECP		0.14	20	47	14	16600	13900	17000	20000
	NJ204EM	42204EH		20	47	14	16600	13900	17000	20000
	NJ204ETVP3			20	47	14	16600	13900	17000	20000
	NJ2204E		0.158	20	47	18	30500	28300	14000	16000



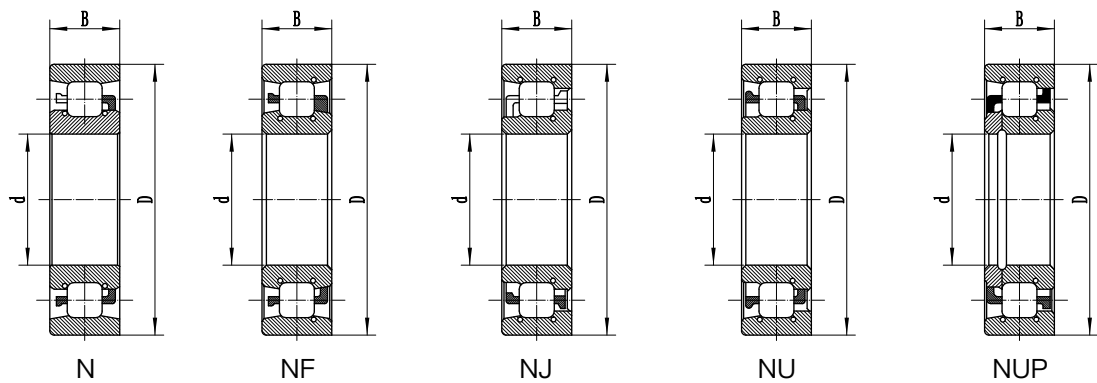
轴径 mm	轴承型号		重量 Kg	外形尺寸			基本额定负荷		极限转速	
	现型号	原型号		d	D	B	动 N	静	脂润滑 r/min	油润滑
25	N205E	2205E	0. 148	25	52	15	27500	26800	11000	14000
	N205EM	2205EH	0. 155	25	52	15	27500	26800	11000	14000
	NF205E	12205E	0. 148	25	52	15	27500	26800	11000	14000
	NF205EM	12205EH	0. 155	25	52	15	27500	26800	11000	14000
	NU205E	32205E	0. 148	25	52	15	27500	26800	11000	14000
	NU2025EM	32205EH	0. 155	25	52	15	27500	26800	11000	14000
	NJ205ECP		0. 148	25	52	15	27500	26800	11000	14000
	NJ205EM	42205EH	0. 155	25	52	15	27500	26800	11000	14000
	NUP205E	92205E	0. 148	25	52	15	27500	26800	11000	14000
	NUP205EM	92205EH	0. 155	25	52	15	27500	26800	11000	14000
	NU205EV	32205EK	0. 151	25	52	15	3000	33800	9000	11000
	N2205EM	2505EH	0. 168	25	52	18	23700	22800	10000	14000
	NF2205EM	2505EH	0. 168	25	52	18	23700	22800	10000	14000
	NJ2205EP		0. 168	25	52	18	23700	22800	10000	14000
	NJ2205E	42505E	0. 168	25	52	18	23700	22800	10000	14000
	NJ2205EJ		0. 168	25	52	18	23700	22800	10000	14000
	NF305EM	12305		25	62	17				
	NUP305EN	192305E		25	62	17				
30	NJ2305EM	42605EH	0. 4	25	62	24	42700	40900	9000	12000
	N206E	2206E	0. 22	30	62	16	3600	35600	8500	11000
	N206EM	2206EH	0. 24	30	62	16	3600	35600	8500	11000
	NF206E	12206E	0. 22	30	62	16	3600	35600	8500	11000
	NF206EM	12206EH	0. 24	30	62	16	3600	35600	8500	11000
	NU206E	32206E	0. 22	30	62	16	3600	35600	8500	11000
	NU206EM	32206EH	0. 24	30	62	16	3600	35600	8500	11000



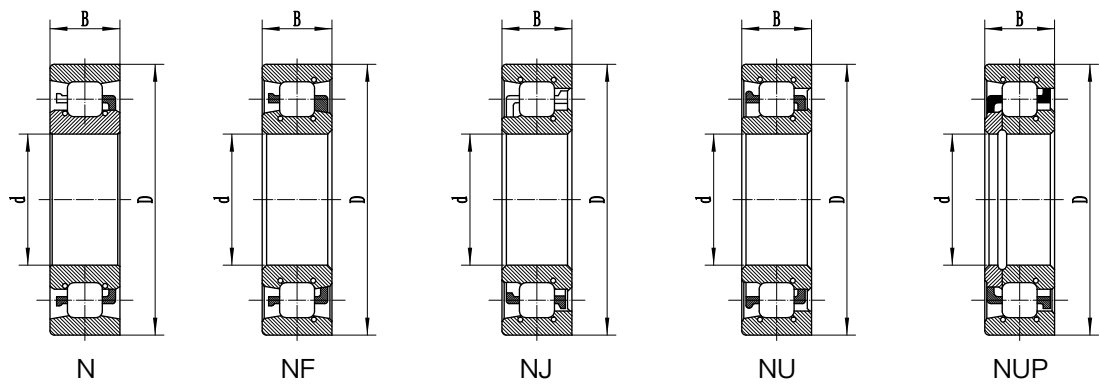
轴径 mm	轴承型号		重量 Kg	外形尺寸			基本额定负荷		极限转速	
	现型号	原型号		d	D	B	动 N	静	脂润滑 r/min	油润滑 r/min
30	NJ206E	42206E	0.22	30	62	16	36000	35600	8500	11000
	NJ206EM	42206EH	0.24	30	62	16	36000	35600	8500	11000
	NJ206ECP		0.24	30	62	16	36000	35600	8500	11000
	NUP206MRS		0.24	30	62	16	36000	35600	8500	11000
	NJ206EV	42206EK	0.23	30	62	16	39500	45100	7800	10000
	N306E	2306E	0.38	30	72	19	49200	48200	8000	10000
	N306EM	2306EH	0.41	30	72	19	49200	48200	8000	10000
	NF306E	12306E	0.38	30	72	19	49200	48200	8000	10000
	NF306EM	12306EH	0.41	30	72	19	49200	48200	8000	10000
	NU306E	32306E	0.38	30	72	19	49200	48200	8000	10000
	NU306EM	32306EH	0.41	30	72	19	49200	48200	8000	10000
	NJ306E	42306E	0.38	30	72	19	49200	48200	8000	10000
	NJ306EM	42306EH	0.41	30	72	19	49200	48200	8000	10000
	NU306E	32606E	0.529	30	72	27				
	NU2306EM	32606EH		30	72	27				
	NUP306EM	92306EH	0.41	30	72	19	49200	48200	8000	10000
	NU2206ECP		0.27	30	62	20	23900	33100	7500	11000
	NJ2206ECP		0.27	30	62	20	23900	33100	7500	11000
	NU2206X2E	32506E		30	72	20				
	NJ2206EM	42506EH	0.3	30	62	20	23900	33100	7500	11000
	NUP2206EM	92506EH	0.3	30	62	20	23900	33100	7500	11000
	N2306EM	2606EH	0.6	30	72	27	51400	50800	8000	10000
	NJ2306EM	42606EH	0.6	30	72	27	51400	50800	8000	10000
	NUP2306EV	92606EK	0.6	30	72	27	56005	66000	7300	9000



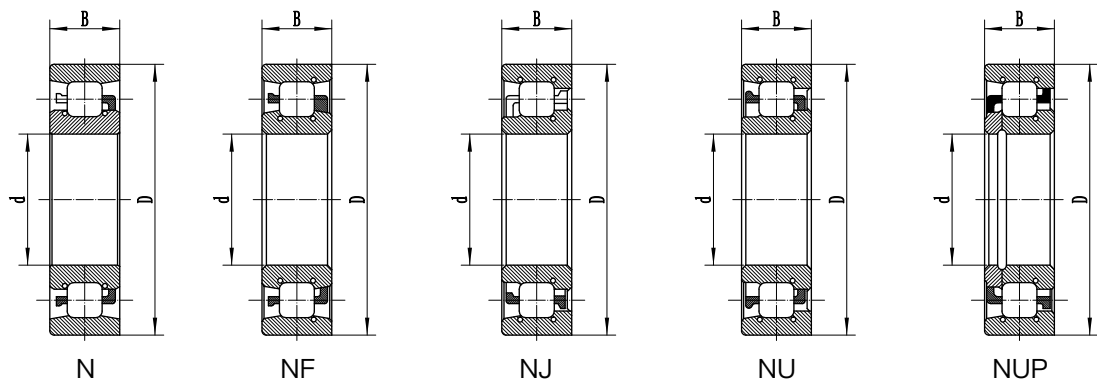
轴径 mm	轴承型号		重量 Kg	外形尺寸			基本额定负荷		极限转速	
	现型号	原型号		d	D	B	动 N	静	脂润滑 r/min	油润滑
35	N207E	2207E	0. 344	35	72	17	46500	48000	7500	9500
	N207EM	2207EH	0. 36	35	72	17	46500	48000	7500	9500
	NU207		0. 344	35	72	17	46500	48000	7500	9500
	NF207EM	12207EH	0. 36	35	72	17	46500	48000	7500	9500
	NU207ECP (K)	32207E	0. 297	35	72	17	46500	48000	7500	9500
	NU207EM	32207EH	0. 36	35	72	17	46500	48000	7500	9500
	NJ207E	42207E	0. 344	35	72	17	46500	48000	7500	9500
	NJ207EM	42207EH	0. 36	35	72	17	46500	48000	7500	9500
	NUP207E	92207E	0. 344	35	72	17	46500	48000	7500	9500
	NUP207EM	92207EH	0. 36	35	72	17	46500	48000	7500	9500
	N307E	2307E	0. 49	35	80	21	62000	63200	7000	9000
	N307EM	2307EH	0. 54	35	80	21	62000	63200	7000	9000
	NF307E	12307E	0. 49	35	80	21	62000	63200	7000	9000
	NF307EM	12307EH	0. 54	35	80	21	62000	63200	7000	9000
	NU307E	3230E	0. 49	35	80	21	62000	63200	7000	9000



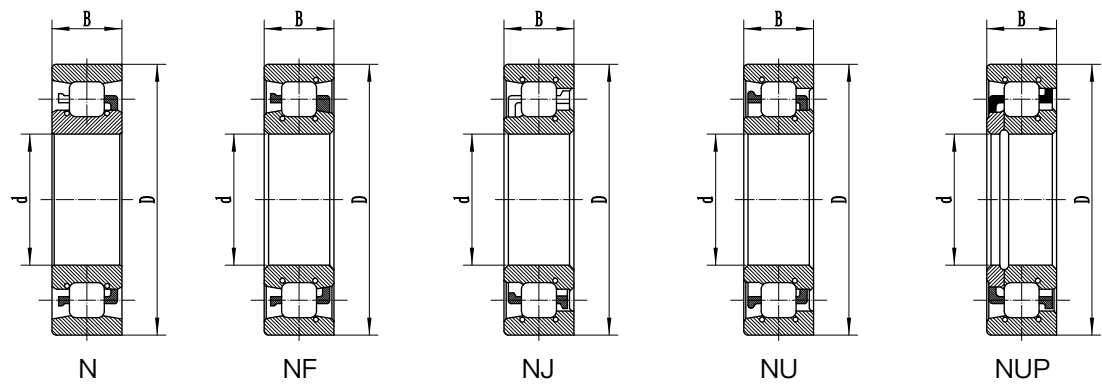
轴径 mm	轴承型号		重量 Kg	外形尺寸			基本额定负荷		极限转速	
	现型号	原型号		d	D	B	动 N	静	脂润滑 r/min	油润滑 r/min
35	NU307EM	32307EH	0.54	35	80	21	62	63.2	7000	9000
	NJ307E	42307EH	0.54	35	80	21	62	63.2	7000	9000
	NUP307E	92307E	0.49	35	80	21	62	63.2	7000	9000
	NUP307EM	92307EH	0.54	35	80	21	62	63.2	7000	9000
	NJ307EV	42307EK	0.5	35	80	21	78	81	6100	7400
	NUP307ENV	192307EK	0.5	35	80	21	78	81	6100	7400
	NCL307YA		0.49	35	80	21	62	63.2	7000	9000
	NUP2207EC		0.45	35	72	23	49	51.2	6500	9500
	NU2207ECP		0.45	35	72	23	49	51.2	6500	9500
	NU2207EM	32507EH	0.45	35	72	23	49	51.2	6500	9500
	NJ2207EM	42507EH	0.45	35	72	23	49	51.2	6500	9500
	NUP2207EM	92507EH	0.45	35	72	23	49	51.2	6500	9500
	NJ307E	42307E	0.562	35	80	21				
	NJ2307EM	42607EH	0.9	35	80	31	64.4	65.7	7000	9000
	NUP2307EM	92607EH	0.9	35	80	31	64.4	65.7	7000	9000
40	N208E	2208E	0.39	40	80	18	51.5	53	7000	9000
	N208EM	2208EH	0.44	40	80	18	51.5	53	7000	9000
	NF208E	12208E	0.39	40	80	18	51.5	53	7000	9000
	NF208EM	12208EH	0.44	40	80	18	51.5	53	7000	9000
	NU208E	32208W	0.39	40	80	18	51.5	53	7000	9000
	NU208EM	32208 EH	0.44	40	80	18	51.5	53	7000	9000
	NJ208E	42208E	0.39	40	80	18	51.5	53	7000	9000
	NJ208EM	42208EH	0.44	40	80	18	51.5	53	7000	9000
	NUP208ECP		0.394	40	80	18	51.5	53	7000	9000
	NUP208ECNR		0.39	40	80	18	51.5	53	7000	9000
	N308E	2308E	0.65	40	90	23	76.8	77.8	6300	8000
	N308EM	2308EH	0.71	40	90	23	76.8	77.8	6300	8000
	NF308E	12308E	0.75	40	90	23	76.8	77.8	6300	8000
	NF308EM	12308EH	0.71	40	90	23	76.8	77.8	6300	8000
	NU308ECP3		0.664	40	90	23	76.8	77.8	6300	8000
	NU308EM	32308EH	0.71	40	90	23	76.8	77.8	6300	8000
	NJ308E	42308E	0.726	40	90	23	76.8	77.8	6300	8000
	NJ308EM	42308EH	0.71	40	90	23	76.8	77.8	6300	8000
	NUP308E	92308E	0.65	40	90	23	76.8	77.8	6300	8000
	NUP308EM	92308EH	0.71	40	90	23	76.8	77.8	6300	8000
	NUP308EN	192308E	0.65	40	90	23	76.8	77.8	6300	8000
	NUP308ENV	192308EV	0.7	40	90	23	97	101	5900	7000
	N2208EM	2508EH	0.49	40	80	23	58.3	62	6000	9000



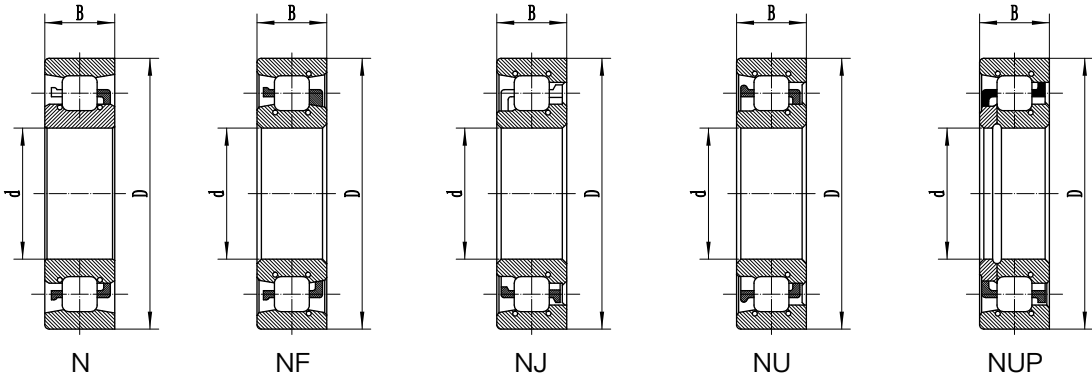
轴径 mm	轴承型号		重量 Kg	外形尺寸			基本额定负荷		极限转速	
	现型号	原型号		d	D	B	动 N	静	脂润滑 r/min	油润滑
40	NF2208EM	12508EH	0.49	40	80	23	58.3	62	6000	9000
	NU2208M	32508H	0.53	40	80	23	58.3	62	6000	9000
	NJ2208EM	42508EH	0.49	40	80	23	58.3	62	6000	9000
	NUP2208EM	92508EH	0.49	40	80	23	58.3	62	6000	9000
	NUP2208EV	92508EK		40	80	23	84.7	95	6000	7400
	NU2308EM	32606EH	1.1	40	90	33	82.2	88	6300	8000
	NJ2308EM	42606EH	1.1	40	90	33	82.2	88	6300	8000
	NUP2308EM	92606EH	1.1	40	90	33	82.2	88	6300	8000
45	NJ1009ECM			45	75	16				
	NU209N		0.44	45	85	19	58.5	63.8	6300	8000
	NF209E	12209E	0.52	45	85	19	58.8	63.8	6300	8000
	NF209EM	12209EH	0.53	45	85	19	58.5	63.8	6300	8000
	NU209E	32209E	0.52	45	85	19	58.5	63.8	6300	8000
	NJ209ECP			45	85	19	58.5	63.8	6300	8000
	NJ209EM	42209EH	0.53	45	85	19	58.5	63.8	6300	8000
	NU2209ECP		0.567	45	85	23				
	NJ2209ECP			45	85	23				
	NU309ECP		0.938	45	100	25				
	NU309EN		0.95	45	100	25				
	NF309E	12309E	0.95	45	100	45	93	98	5600	7000
	NF309EM	12309EH	0.98	45	100	45	93	98	5600	7000
	NU309E	32309E	0.95	45	100	45	93	98	5600	7000
	NU309EM	32309EH	0.98	45	100	45	93	98	5600	7000
	NJ309E	42309E	0.95	45	100	45	93	98	5600	7000
	NJ309EM	42309EH	0.98	45	100	45	93	98	5600	7000
	NUP309E	92309E	0.95	45	100	45	93	98	5600	7000
	NUP309EM	92309EH	0.98	45	100	45	93	98	5600	7000
	NUP309EN	192309E	0.95	45	100	45	93	98	5600	7000
	NUP309ENV	192309EK	0.97	45	100	45	104	121	5000	6100
	NJ309EV	42309EK	0.97	45	100	45	104	121	5000	6100
	N2209EM	2509EH	0.54	45	85	23	61.4	67.8	5300	8000
	NF2209EM	12509EH	0.54	45	85	23	61.4	67.8	5300	8000
	NU2209EM	32509EH	0.54	45	85	23	61.4	67.8	5300	8000
	NJ2209EM	42509EH	0.54	45	85	23	61.4	67.8	5300	8000
	NUP2209EM	92509EH	0.54	45	85	23	61.4	67.8	5300	8000
	N2309EM	2609EH	0.51	45	100	36	106	113	5600	7000
	NU2309EM	32609EH	1.51	45	100	36	106	113	5600	7000
	NJ2309EM	42609EH	1.51	45	100	36	106	113	5600	7000



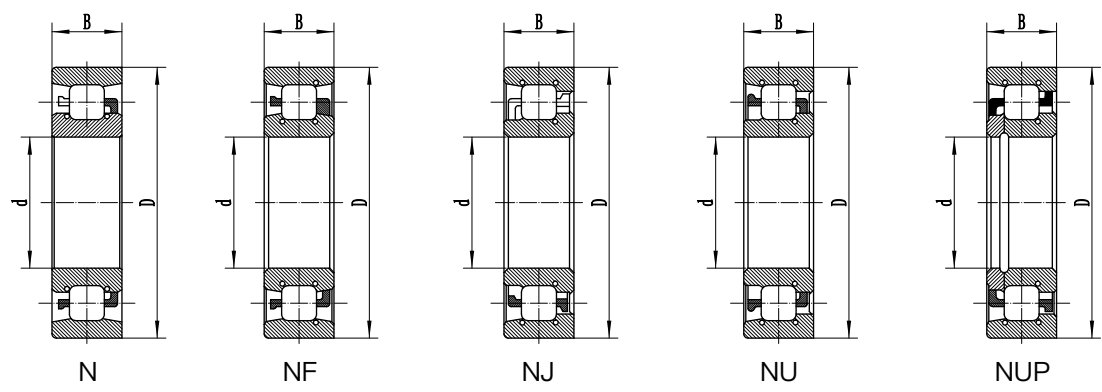
轴径 mm	轴承型号		重量 Kg	外形尺寸			基本额定负荷		极限转速	
	现型号	原型号		d	D	B	动 N	静	脂润滑 r/min	油润滑 r/min
45	NUP2309EM	92609EH	1.51	45	100	36	106	113	5600	7000
50	N210EM	2210EH	0.58	50	90	20	61.2	69.2	6000	7500
	NF210E	12210E	0.56	50	90	20	61.2	69.2	6000	7500
	NF210EM	12210EH	0.58	50	90	20	61.2	69.2	6000	7500
	NU210E	32210E	0.56	50	90	20	61.2	69.2	6000	7500
	NU210EM	32210EH	0.58	50	90	20	61.2	69.2	6000	7500
	NJ210E/G3		1.53	50	90	20				
	NJ210ECP			50	90	20				
	NUP210E	92210E	0.56	50	90	20	61.2	69.2	6000	7500
	NUP210EM	92210EH	0.58	50	90	20	61.2	69.2	6000	7500
	NUP210EN	192210E	0.56	50	90	20	61.2	69.2	6000	7500
	N310E	2310E	1.2	50	110	27	105	112	5300	6700
	N310EM	2310EH	1.31	50	110	27	105	112	5300	6700
	NF310E	12310E	1.2	50	110	27	105	112	5300	6700
	NF310EM	12310EH	1.31	50	110	27	105	112	5300	6700
	NU310E	32310E	1.2	50	110	27	105	112	5300	6700
	NU310EM	32310EH	1.31	50	110	27	105	112	5300	6700
	NJ310E	42310E	1.2	50	110	27	105	112	5300	6700
	NJ310EM	42310EH	1.31	50	110	27	105	112	5300	6700
	NUP210E	92310E	1.2	50	110	27	105	112	5300	6700
	NUP210EM	92310EH	1.31	50	110	27	105	112	5300	6700
	NJ310EV	42310EK	1.21	50	110	27	128	144	5000	6000
	NUP310EN	192310E	1.2	50	110	27	105	112	5300	6700
	NUP310ENV	192310EK	1.21	50	110	27	128	144	5000	6000
	N2210EM	2510EH	0.65	50	90	23	64.2	73.6	5000	7500
	NF2210EM	12510EH	0.65	50	90	23	64.2	73.6	5000	7500
	NU2210EM	32510EH	0.65	50	90	23	64.2	73.6	5000	7500
	NJ2210EM	42510EH	0.65	50	90	23	64.2	73.6	5000	7500
	NUP2210EM	92510EH	0.65	50	90	23	64.2	73.6	5000	7500
	N2301EM	2610EH	2.01	50	110	40	128	142	5300	6700
	NU2310EM	32610EH	2.01	50	110	40	128	142	5300	6700
	NJ2310EM	42610EH	2.01	50	110	40	128	142	5300	6700
	NUP211ECP			50	100	21				
55	NJ1011ECP			55	90	18				
	N211E	2211E	0.62	55	100	21	80.2	95.5	5300	6700
	NF211E	12211E	0.62	55	100	21	80.2	95.5	5300	6700
	NF211EM	12211EH	0.63	55	100	21	80.2	95.5	5300	6700
	NU21E	32211E	0.62	55	100	21	80.2	95.5	5300	6700



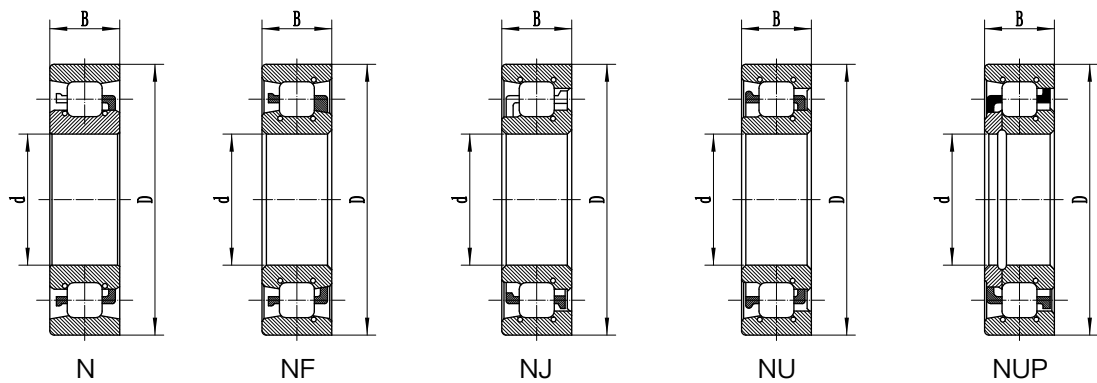
轴径 mm	轴承型号		重量 Kg	外形尺寸			基本额定负荷		极限转速	
	现型号	原型号		d	D	B	动 N	静	脂润滑 r/min	油润滑
55	NU211EM	32211EH	0.63	55	100	21	80.2	95.5	5300	6700
	NJ211EM	42211EH	0.63	55	100	21	80.2	95.5	5300	6700
	NUP211E	92211E	0.62	55	100	21	80.2	95.5	5300	6700
	NUP211EM	92211EH	0.63	55	100	21	80.2	95.5	5300	6700
	N311E	2311E	1.61	55	120	29	128	138	4800	6700
	N311EM	2311EH	1.7	55	120	29	128	138	4800	6000
	NF311E	12311E	1.61	55	120	29	128	138	4800	6000
	NF311EM	12311EH	1.7	55	120	29	128	138	4800	6000
	NU311E	32311E	1.61	55	120	29	128	138	4800	6000
	NU311EM	32311EH	1.7	55	120	29	128	138	4800	6000
	NJ311ECP		1.725	55	120	29	128	138	4800	6000
	NJ311E	42311E	1.61	55	120	29	128	138	4800	6000
	NJ311EM	42311EH	1.7	55	120	29	128	138	4800	6000
	NUP311E	92311E	1.61	55	120	29	128	138	4800	6000
	NUP311EM	92311EH	1.7	55	120	29	128	138	4800	6000
	NUP311EN	192311E	1.61	55	120	29	128	138	4800	6000
	NUP311ENV	192311EV	1.69	55	120	29	163	175	4300	5000
	NUP311ENM	192311EH	1.7	55	120	29	128	138	4800	6000
	N2211EM	2511EH	0.77	55	100	25	75.3	87.2	4300	6700
	NF2211EM	12511EH	0.77	55	100	25	75.3	87.2	4300	6700
	NU2211EM	32511EH	0.77	55	100	25	75.3	87.2	4300	6700
	NJ2211		0.91	55	100	25				
	NU2211M		0.916	55	100	25				
	NU2311EM	32611EH	2.8	55	120	43	148	162	4800	6000
	NJ2311EM	42611EH	2.8	55	120	43	148	162	4800	6000
	NUP2311EM	92611EH	2.8	55	120	43	148	162	4800	6000
60	N212E	2212E	0.84	60	110	44	89.8	102	5000	6300
	N212EM	2212EH	0.95	60	110	45	89.8	102	5000	6300
	NF212E	12212E	0.84	60	110	46	89.8	102	5000	6300
	NF212EM	12212EH	0.95	60	110	47	89.8	102	5000	6300
	NU212E	32212E	0.84	60	110	48	89.8	102	5000	6300
	NU121EM	32212EH	0.95	60	110	49	89.8	102	5000	6300
	NJ212E	42212E	0.84	60	110	50	89.8	102	5000	6300
	NJ212EM	42212EH	0.95	60	110	51	89.8	102	5000	6300
	NUP212E	92212E	0.84	60	110	52	89.8	102	5000	6300
	NUP212EM	92212EH	0.95	60	110	53	89.8	102	5000	6300
	N312E	2312E	1.94	60	130	54	142	155	4500	5600
	N312EM	2312EH	2.07	60	130	55	142	155	4500	5600



轴径 mm	轴承型号		重量 Kg	外形尺寸			基本额定负荷		极限转速	
	现型号	原型号		d	D	B	动 N	静	脂润滑 r/min	油润滑 r/min
60	NF312E	12312E	1.94	60	130	31	142	155	4500	5600
	NF312EM	12312EH	2.07	60	130	31	142	155	4500	5600
	NU312E	32312E	1.94	60	130	31	142	155	4500	5600
	NU312EM	32312EH	2.07	60	130	31	142	155	4500	5600
	NJ312ECP		1.98	60	130	31	142	155	4500	5600
	NJ312EM	42312EH	2.07	60	130	31	142	155	4500	5600
	NUP312E	92312E	1.94	60	130	31	142	155	4500	5600
	NUP312EM	92312EH	2.07	60	130	31	142	155	4500	5600
	NUP312EV	92312EK	1.96	60	130	31	185	195	4000	4700
	N2212EM	2512EH	1.09	60	110	28	101	123	4000	6300
	NF2212EM	12512EH	1.09	60	110	28	101	123	4000	6300
	NU2212EM	32512EH	1.09	60	110	28	101	123	4000	6300
	NJ2212EM	42512EH	1.09	60	110	28	101	123	4000	6300
	NUP2212EM	92512EH	1.09	60	110	28	101	123	4000	6300
	N2312EM	2612EH	3.38	60	130	46	168	188	4500	5600
	NU2312EM	32612EH	3.38	60	130	46	168	188	4500	5600
	NJ2312EM	42612EH	3.38	60	130	46	168	188	4500	5600
65	N313E	2313E	2.42	65	140	33	170	188	4000	5000
	N313EM	2313EH	2.58	65	140	33	170	188	4000	5000
	NF313E	12313E	2.42	65	140	33	170	188	4000	5000
	NF313EM	12313EH	2.58	65	140	33	170	188	4000	5000
	NU131E	32313E	2.42	65	140	33	170	188	4000	5000
	NU3131EM	32313EH	2.58	65	140	33	170	188	4000	5000
	NJ313E	42313E	2.42	65	140	33	170	188	4000	5000
	NJ313EM	42313EH	2.58	65	140	33	170	188	4000	5000
	NUP313E	92313E	2.42	65	140	33	170	188	4000	5000
	NUP313EM	92313EH	2.58	65	140	33	170	188	4000	5000
	NUP131EV	92313EK	2.51	65	140	33	210	240	3700	4200
70	N314E	2314E	2.9	70	150	35	195	220	3800	4800
	N314EM	2314EH	3.04	70	150	35	195	220	3800	4800
	NF314E	12314E	2.9	70	150	35	195	220	3800	4800
	NF314EM	12314EH	3.04	70	150	35	195	220	3800	4800
	NU314E	32314E	2.9	70	150	35	195	220	3800	4800
	NU314EM	32314EH	3.04	70	150	35	195	220	3800	4800
	NJ314E	42314E	2.9	70	150	35	195	220	3800	4800
	NJ314EM	42314EH	3.04	70	150	35	195	220	3800	4800
	NUP314E	92314E	2.9	70	150	35	195	220	3800	4800
	NUP314EM	92314EH	3.04	70	150	35	195	220	3800	4800
	NUP314ENM	192314EH	3.04	70	150	35	195	220	3800	4800



轴径 mm	轴承型号		重量 Kg	外形尺寸			基本额定负荷		极限转速	
	现型号	原型号		d	D	B	动 N	静	脂润滑 r/min	油润滑
75	N315E	2315E	3.59	75	160	37	228	260	3600	4500
	N315EM	2315EH	3.88	75	160	37	228	260	3600	4500
	NF315E	12315E	3.59	75	160	37	228	260	3600	4500
	NF315EM	12315EH	3.88	75	160	37	228	260	3600	4500
	NU315E	32315E	3.59	75	160	37	228	260	3600	4500
	NU315EM	32315EH	3.88	75	160	37	228	260	3600	4500
	NJ315E	42315E	3.59	75	160	37	228	260	3600	4500
	NJ315EM	42315EH	3.88	75	160	37	228	260	3600	4500
	NUP315E	92315E	3.59	75	160	37	228	260	3600	4500
	NUP315EM	92315EH	3.88	75	160	37	228	260	3600	4500
	NUP315ENM	192315EH	3.84	75	160	37	228	260	3100	3700
80	NU1016M	32116H	1.21	80	125	22	72.5	90.5	5700	6700
	NJ216EM	42216	1.67	80	140	26	111	130	4800	5700
	NUP216E	92216E	1.58	80	140	26	139	167	4400	5100
	N216	2216	1.72	80	140	26	111	130	4800	5700
85	N217	2217	2.16	85	150	28	126	149	4500	5300
	NU217	32217	2	85	150	28	126	149	4500	5300
	NJ217	42217	2	85	150	28	126	149	4500	5300
	NU217E	32217E	2.08	85	150	28	167	199	4100	4800
90	NU218	32218	2.44	90	160	30	152	178	4300	5000
	NJ218	42218	2.44	90	160	30	152	178	4300	5000
	NJ218E	42218E	2.54	90	160	30	182	217	3900	4600
	NUP218M	92218H	2.5	90	160	30	182	217	4300	5000
	NJ218EUP (K)		2.4	90	160	30				
	NJ218EC (K)		2.43	90	160	30				



轴径 mm	轴承型号		重量 Kg	外形尺寸			基本额定负荷		极限转速	
	现型号	原型号		d	D	B	动 N	静	脂润滑 r/min	油润滑 r/min
20	TJ-602-747			20	37.8	18				
	M6X			20	56	15				
24.985	MUB1205			24.985	52	20.6				
25	NJ2205-3VHSH			25	52	18				
	RSL182205			25	46.52	18				
	M9W			25	52	21				
	M10W			25	55	18				
30	RSL182206			30	55.19	20				
	NJ206EX1CS42			30	60	16				
	CBK239			30	62	19				
	F-204045			30	62	16				
36	F93666.2			36	46.2	20				
40	RNU5208			40	78	14				
43.8	2207-SYRIW#			43.8	72	23				
44	RN153			44	72	17				
49.93	JC8003			49.93	80	15				
49.95	CBK238			49.95	80	15				

支承滚轮 曲线滚轮

Supporting Roller and Curve Roller

支承滚轮具有厚壁外圈，利用这种外圈，滚轮可以直接在滚道上滚动，并可以承受大的负荷。本公司可提供优质STO RSTO、NA22...2RS RN22...2RS、NATR NAR...PP、NATV NATV...PP、NUTR, NAST支承滚轮。

曲线滚轮是由一根螺栓、推力垫圈、外圈与滚针和保持架组件或满装滚动体组成的完整单元，具有带凸度外表面的厚壁外圈，能承受高径向力。本公司可提供KR KRE, KRV KRVE, NUKR NUKRE; KR...PP KRE...PP KRV... PP KRVE...PP NUKR...PP 型曲线滚轮。

The supporting roller has the thick-wall outer ring, by which the roller can be rolled directly at the rollway and withstand the large load. The supporting rollers made by our company include STO RSTO, NA22...2RS, RN22...2RS, NATR NART...PP, NATV NATV...PP, NUTR NAST. Supporting Roller.

The curve roller is composed of a bolt, thrust collar, outer ring, needle and cage assembly or full complement rolling body. It has the thick-wall outer ring with camber outside face, withstanding the high radial force. The curve rollers made by our company include KR, KRE, KRV, KRVE, NUKR and NUKRE. Model KR...PP, KRE...PP, KRV...PP, KRVE...PP, NUKR...PP cure roller



无挡边支承滚轮滚针轴承

Model STO and RSTO support roller

STO型和RSTO型支承滚轮

有内圈无挡边支承滚轮滚针轴承STO型，该种轴承外圈采用滚轮式，结构紧凑，外圈壁较厚，可以在转动中承受较大冲击力，耐磨性能好。该种轴承由于无挡边，可分别安装内圈，滚针和保持架组件、滚轮式外圈。轴承外圈表面为圆柱面时，则其轴承代号为STO...X型。

无内圈 无挡边支承滚轮滚针轴承RSTO型，该种轴承由于无内圈，要求与其相配的轴径表面硬度、表面粗糙度应与轴承相匹配，该种轴承其他性能与STO型相当。

轴承外圈表面为圆柱面时，则其轴承代号为RSTO...X型。

As for Model STO supporting roller needle bearing with inner ring and without shoulder, the outer ring of bearing is roller type with compact structure and thick wall. It can withstand large stock force in rotation with high abrasion-resistance. Because of no shoulder in the bearing, inner ring, needle, cage assembly and outer ring can be mounted respectively.

If the surface of outer ring is cylinder face, the designation of bearing is STO...X.

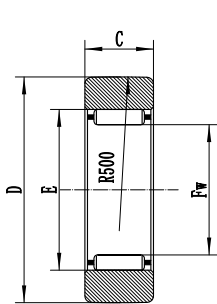
As for Model RSTO supporting roller needle bearing without inner and shoulder, the bearing has no inner ring, so it is requested that the surface hardness and surface of shaft journal fitted with it be matched with bearing. The performance of this bearing is same as that of Model STO.

If the surface of outer ring is cylinder face, the designation of bearing is RSTO2. As for Model STO supporting roller needle bearing with inner ring and without shoulder, the outer ring of bearing is roller type with compact structure and thick wall. It can withstand large stock force in rotation with high abrasion-resistance. Because of no shoulder in the bearing, inner ring, needle, cage assembly and outer ring can be mounted respectively.

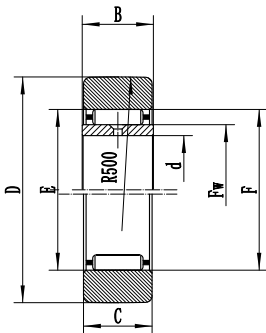
If the surface of outer ring is cylinder face, the designation of bearing is STO...X. (Model STO and RSTO support roller).

As for Model RSTO supporting roller needle bearing without inner and shoulder, the bearing has no inner ring, so it is requested that the surface hardness and surface of shaft journal fitted with it be matched with bearing. The performance of this bearing is same as that of Model STO.

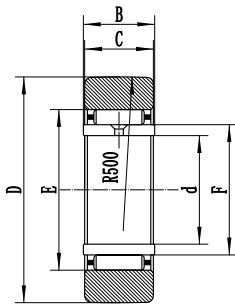
If the surface of outer ring is cylinder face, the designation of bearing is RSTO...X



RSTO

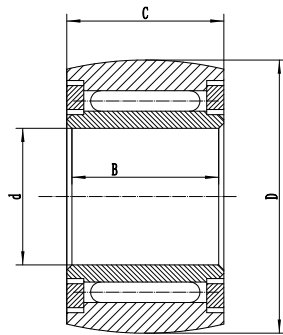


STO...X

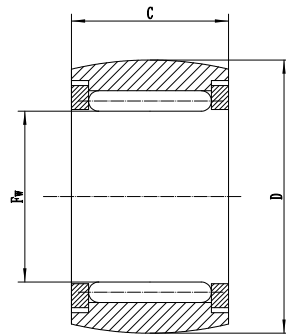


STO

外径 mm	轴承型号		重量 g	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号		Fw	D mm	C	动 N	静 N	
16	RST05X		8.5	7	16	7.8	2800	2600	23000
	RST05TN			7	16	7.8	2800	2600	23000
	RST05XTN			7	16	7.8	2800	2600	23000
19	RST06		12.5	10	19	9.8	5200	6550	18000
	RST06TN			10	19	10	5200	6550	18000
	RST06XTN			10	19	10	5200	6550	18000
24	RST08		21	12	24	9.8	5600	7650	16000
	RST08X		21	12	24	9.8	5600	7650	16000
	RST08TN		21	12	24	10	5600	7650	16000
30	RST010		44	14	30	11.8	10000	10800	12000
	RST010X		44	14	30	11.8	10000	10800	12000
32	RST012		49	16	32	11.8	10600	12000	10000
	RST012X		49	16	32	11.8	10600	12000	10000
35	RST015		52	20	35	11.8	12500	15600	7000
	RST015X		52	20	35	11.8	12500	15600	7000
40	RST017		95	22	40	15.8	18300	23600	6300
	RST017X		95	22	40	15.8	18300	23600	6300
47	RST020		134	25	47	15.8	19000	26000	5300
	RST020X		134	25	47	15.8	19000	26000	5300
	RST025		155	25	47	15.8	19000	26000	5300
	RST025X		155	25	47	15.8	19000	26000	5300
62	RST030		258	38	62	19.8	31500	52000	3000
	RST030X		258	38	62	19.8	31500	52000	3000
	RST035		370	38	62	19.8	31500	52000	3000
	RST035X		370	38	62	19.8	31500	52000	3000
80	RST040		430	50	80	19.8	36500	68000	1800
	RST040X		430	50	80	19.8	36500	68000	1800
85	RST045		447	55	85	19.8	38000	75000	1600
	RST045X		447	55	85	19.8	38000	75000	1600
90	RST050		495	60	90	19.8	40000	80000	1500
	RST050X		495	60	90	19.8	40000	80000	1500
非标系列	Non-Standard series								
39.67	RS013.7×39.67×18.7		13.7	39.67	18.7				
30	RST018×30×35.2		18	30	35.2				



STO...ZZ



RSTO...ZZ

外径 mm	轴承型号		重量 g	d	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			D	B	C	动	静	
N										
19	ST06		18	6	19	10	9.8	5200	6550	18000
	ST06X		18	6	19	10	9.8	5200	6550	18000
24	ST08		28	8	24	10	9.8	5600	7650	16000
	ST08X		28	8	24	10	9.8	5600	7650	16000
30	ST010		51	10	30	12	11.8	10000	10800	12000
	ST010X		51	10	30	12	11.8	10000	10800	12000
32	ST012		57	12	32	12	11.8	10600	12000	10000
	ST012X		57	12	32	12	11.8	10600	12000	10000
35	ST015		64	15	35	12	11.8	12500	15600	7000
	ST015X		64	15	35	12	11.8	12500	15600	7000
40	ST017		114	17	40	16	15.8	18300	23600	6300
	ST017X		114	17	40	16	15.8	18300	23600	6300
47	ST020		156	20	47	16	15.8	19000	26000	5300
	ST020X		156	20	47	16	15.8	19000	26000	5300
	ST020ZZ			20	47	20	19.8	19000	26000	5300
	ST025		182	25	47	16	15.8	19000	26000	5300
	ST025X		182	25	47	16	15.8	19000	26000	5300
62	ST030		325	30	62	20	19.8	31500	26000	5300
	ST030X		325	30	62	20	19.8	31500	52000	3000
	ST030ZZ			30	62	20	19.8	31500	52000	3000
72	ST035		435	35	72	20	19.8	31500	52000	3000
	ST035X		435	35	72	20	19.8	31500	52000	3000
	ST035ZZ			35	72	20	19.8	31500	52000	3000
80	ST040		540	40	80	20	19.8	36500	68000	1800
	ST040X		540	40	80	20	19.8	36500	68000	1800
	ST040ZZ			40	80	26	28.5	36500	68000	1800
85	ST045		580	45	85	20	19.8	38000	75000	1600
	ST045X		580	45	85	20	19.8	38000	75000	1600
90	ST050		650	50	90	20	19.8	40000	80000	1500
	ST050X		650	50	90	20	19.8	40000	80000	1500

RNA22...2RS、NA22...2RS 型支承滚轮

Model RNA22...2RS, NA22...2RS Supporting Roller

无内圈双密封滚轮滚针轴承 RN22-2RS型

该种滚轮滚针轴承RNA22...2RS型无内圈，两边带双密封圈，防尘性能好，由于该种轴承无内圈，要求与其相配的轴径表面硬度、表面粗糙度与轴承相匹配。该种轴承其他性能与NA22...2RS型相当。

轴承外圈表面为圆柱面时，则其轴承代号为RNA22...2RSX型。

有内圈无挡边双密封滚轮滚针轴承 NA22...2RS型

该种滚轮滚针轴承NA22...2RS型有内圈无挡边，两边带双密封圈，防尘性能好。外圈采用滚轮式，且壁较厚，抗冲击性能较好。

轴承外圈表面为圆柱面时，则其轴承代号为NA22...2RSX型。

Double-seal Roller Needle Bearing without Inner Ring Model RN...2RS

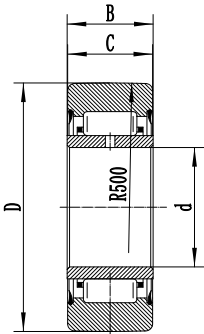
Model RNA...2RS roller needle bearing has not inner ring and is equipped with double seal rings in both sides. It has a good dust-protection performance. Since the bearing has no inner ring, it is requested that the surface hardness and surface of shaft journal fitted with it be matched with bearing. The performance of this bearing is same as that of Model NA22...2RS.

If the surface of outer ring is cylinder face, the designation of bearing is RNA22...2RSX.

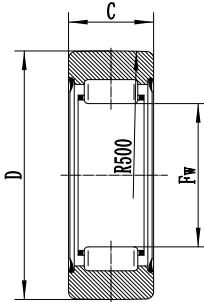
Double-seal Roller Needle Bearing with inner ring and without shoulder Model NA...2RS

Model NA...2RS roller needle bearing has not inner ring and shoulder and is equipped with double seal rings in both sides. It has a good dust-protection performance. Since the outer ring is roller type with thick wall, it has a better shock resistance.

If the surface of outer ring is cylinder face, the designation of bearing is NA22...2RSX.



NA22...2RS



NA22...2RS

外径 mm	轴承型号及近似重量				外形尺寸					基本额定负荷		极限转速 油润滑 r/min
	无内圈	重量 g	有内圈	重量 g	d	Fw	D	B	C	动 N	静 N	
19	RNA22/6 2RS	18	NA22/6 2RS	22	6	10	19	12	11.8	5000	4350	18000
	RNA22/6 2RSX	18	NA22/6 2RSX	22	6	10	19	12	11.8	5000	4350	18000
24	RNA22/8 2RS	29	NA22/8 2RS	34	8	12	24	12	11.8	5500	5200	14000
	RNA22/8 2RSX	29	NA22/6 2RSX	34	8	12	24	12	11.8	5500	5200	14000
30	RNA2200 2RS	52	NA2200 2RS	60	10	14	30	14	13.8	7600	8100	11000
	RNA2200 2RSX	52	NA2200 2RSX	60	10	14	30	14	13.8	7600	8100	11000
32	RNA2201 2RS	57	NA2201 2RS	67	12	16	32	14	13.8	8500	9700	9500
	RNA2201 2RSX	57	NA2201 2RSX	67	12	16	32	14	13.8	8500	9700	9500
35	RNA2202 2RS	60	NA2202 2RS	75	15	20	35	14	13.8	9600	12000	7000
	RNA2202 2RSX	60	NA2202 2RSX	75	15	20	35	14	13.8	9600	12000	7000
40	RNA2203 2RS	94	NA2203 2RS	112	17	22	40	16	15.8	12000	16500	6000
	RNA2203 2RSX	94	NA2203 2RSX	112	17	22	40	16	15.8	12000	16500	6000
47	RNA2204 2RS	152	NA2204 2RS	177	20	25	47	18	17.8	18500	21900	4600
	RNA2204 2RSX	152	NA2204 2RSX	177	20	25	47	18	17.8	18500	21900	4600
52	RNA2205 2RS	179	NA2205 2RS	209	25	30	52	18	17.8	20100	26000	3500
	RNA2205 2RSX	179	NA2205 2RSX	209	25	30	52	18	17.8	20100	26000	3500
62	RNA2206 2RS	284	NA2206 2RS	324	30	35	62	20	19.8	23000	28000	2800
	RNA2206 2RSX	284	NA2206 2RSX	324	30	35	62	20	19.8	23000	28000	2800
72	RNA2207 2RS	432	NA2207 2RS	505	35	42	72	23	22.7	29800	46300	2200
	RNA2207 2RSX	432	NA2207 2RSX	505	35	42	72	23	22.7	29800	46300	2200
80	RNA2208 2RS	530	NA2208 2RS	628	40	48	80	23	22.7	38200	57700	1700
	RNA2208 2RSX	530	NA2208 2RSX	628	40	48	80	23	22.7	38200	57700	1700
85	RNA2209 2RS	545	NA2209 2RS	655	45	52	85	23	22.7	40300	63800	1600
	RNA2209 2RSX	545	NA2209 2RSX	655	45	52	85	23	22.7	40300	63800	1600
90	RNA22010 2RS	563	NA22010 2RS	690	50	58	90	23	22.7	66000	86000	1300
	RNA22010 2RSX	563	NA22010 2RSX	690	50	58	90	23	22.7	66000	86000	1300

NATR、NATV…PP 型支撑滚轮轴承

Model NATR, NATR…PP Supporting Roller Bearing

NATV、NATV…PP型支撑滚轮轴承

NATR型该种支承滚轮包括外圈、内圈、滚针保持架组件及压入并固定在内圈两侧的挡圈。NATR…PP型带密封环，该种支承滚轮具有大的润滑脂贮存空间，可以长期使用而不必加油）

NATV系列支承滚轮其结构大体与NATR型基本相同，NATV型为满装滚针型。因此该种支承滚轮可以在低速下承受较重载荷，但必须注意经常润滑，NATV…PP型支承滚轮为带密封环的结构。

轴承外圈表面为圆柱面时，则其轴承代号后缀加X。

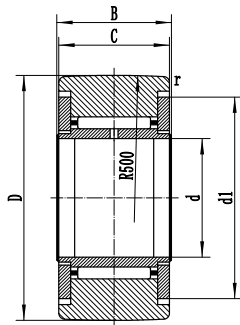
Model NATR, NATR…PP Supporting Roller Bering

Model NATV, NATV…PP Supporting Roller Bering

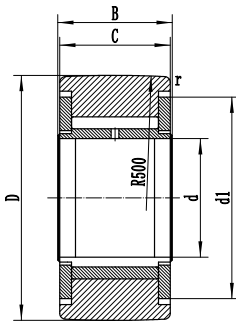
Model NATR supporting roller bearing includes outer ring, inner ring, needle cage assembly and baffle ring pressed and fixed in both sides of inner ring. Model NATR…PP support roller bearing has the seal ring. It has a large grease-storage space and can be used for a long time without adding lubricating grease.

The structure of Model NATV supporting roller bearing is same as that of Model NATR. Model NATV is the bearing with full of needles. It can withstand heavy load under the low speed. However it is necessary to add the lubricating grease at regular intervals. Model NATV…PP supporting roller needle bearing has the seal ring structure.

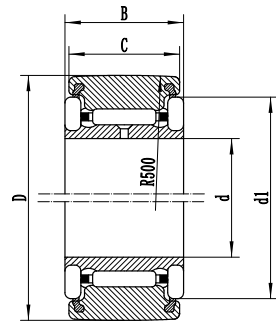
If the surface of outer ring is cylinder face, the letter X shall be added after designation of bearing.



NATR



NATR



NATR...PP

外径 mm	无内圈	带内圈	d	D	B	C	d1	rs	动	静	作为支撑滚轮 动 静	极限转速 r/min
					mm			min		N		
16	NATR5	NATR5PP	5	16	12	11	12	0.15	3800	3750	3150	22000
	NATV5	NATV5PP	5	16	12	11	12	0.15	6400	8500	4850	8500
19	NATR6	NATR6PP	6	19	12	11	14	0.15	4250	4600	3500	20000
	NATV6	NATV6PP	6	19	12	11	14	0.15	7300	10800	5500	7000
24	NATR8	NATR8PP	8	24	15	14	19	0.3	6800	7700	5500	15000
	NATV8	NATV8PP	8	24	15	14	19	0.3	10400	15600	7800	5500
30	NATR10	NATR10PP	10	30	15	14	23	0.6	8100	9700	6800	11000
	NATV10	NATV10PP	10	30	15	14	23	0.6	12200	19000	9500	4500
32	NATR12	NATR12PP	12	32	15	14	25	0.6	8700	11000	6900	9000
	NATV12	NATV12PP	12	32	15	14	25	0.6	13200	21700	9700	3900
35	NATR15	NATR15PP	15	35	19	18	27	0.6	12900	19000	9700	7000
	NATV15	NATV15PP	15	35	19	18	27	0.6	18300	35000	12800	3400
40	NATR17	NATR17PP	17	40	21	20	32	1	14200	20400	10900	6000
	NATV17	NATV17PP	17	40	21	20	32	1	21000	39500	14800	2900
47	NATR20	NATR20PP	20	47	25	24	37	1	19500	32000	15500	4900
	NATV20	NATV20PP	20	47	25	24	37	1	28000	59000	20600	2600
52	NATR25	NATR25PP	25	52	25	24	42	1	21200	38000	15400	3600
	NATV25	NATV25PP	25	52	25	24	42	1	31000	72000	20500	2100
62	NATR30	NATR30PP	30	62	29	28	51	1	34000	59000	23600	2600
	NATV30	NATV30PP	30	62	29	28	51	1	48500	108000	30500	1700
72	NATR35	NATR35PP	35	72	29	28	58	1.1	37000	69000	25500	2000
	NATV35	NATV35PP	35	72	29	28	58	1.1	53000	127000	33000	1400
80	NATR40	NATR40PP	40	80	32	30	66	1.1	49000	94000	33000	1700
	NATV40	NATV40PP	40	80	32	30	66	1.1	66000	159000	41000	1300
85	NATR45	NATR45PP	45	85	32	30	72	1.1	51000	101000	32500	1500
90	NATR50	NATR50PP	50	90	32	30	76	1.1	52000	108000	32000	1300
	NATV50	NATV50PP	50	90	32	30	76	1.1	72000	191000	40500	1000
	NATR50	NATR50PP	50	90	32	30	76	1.1	52000	108000	32000	1300
	NATV50	NATV50PP	50	90	32	30	76	1.1	72000	191000	40500	1000

NUTR 型支承滚轮轴承

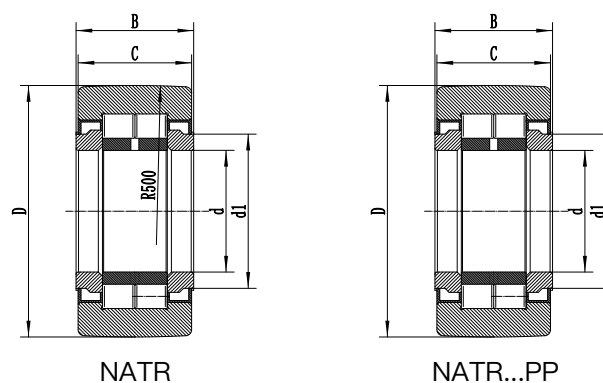
Model NUTR Supporting Roller

NUTR型系列支承滚轮为双列满装滚子轴承，外圈由挡边引导。轴承的全部零件由压入外圈内的密封罩形成一种完整的单元，密封罩与止推挡圈一起组成了高效的间隙密封。该种NUTR系列支承滚轮可以承受非常高的载荷，由于滚动体的轴向引导，即使在高速情况下也可承受冲击性的轴向载荷。

轴承外圈表面为圆柱面时，则其轴承代号为NUTR...X型。

Model NUTR supporting roller is the double-row roller bearing with full of needles. The outer ring is guided by shoulder. All parts of bearing is enclosed by the seal cover pressed in outer ring to form a complete unit. The seal cover and thrust baffle ring constitute the high-efficient gas seal. This kind of Model NUTR supporting roller needle bearing can withstand heavy load. Because of axial guide in rolling body, it can withstand the stock axial load even in the high speed.

If the surface of outer ring is cylinder face, the designation of bearing is NUYT...X.



外径 mm	轴承型号	d	D	B	C	d1	rs	ris	动	静	作为支撑滚轮 动 静 N	Fr perm	For perm	极限转速 r/min
				mm			min	min						
35	NUTR15	15	35	19	18	20	0.6	0.3	23000	27000	16000 18300	8300	16400	6500
40	NUTR17	17	40	21	20	22	1	0.3	24800	31000	18500 22800	13200	22800	5500
42	NUTR1542	15	42	19	18	20	0.6	0.3	23000	27000	19400 23800	23900	23900	6500
47	NUTR1747	17	47	21	20	22	1	0.3	24800	31000	21300 28000	28000	28000	5500
	NUTR20	20	47	25	24	27	1	0.3	39000	50000	28000 35000	16500	33000	4200
52	NUTR2052	20	52	25	24	27	1	0.3	39000	50000	31500 41000	38500	41000	4200
	NUTR25	25	52	25	24	31	1	0.3	43500	60000	29000 37500	17300	34500	3400
62	NUTR2562	25	62	25	24	31	1	0.3	43500	60000	35500 50000	50000	50000	3400
	NUTR30	30	62	29	28	38	1	0.3	59000	79000	40000 51000	23600	47000	2600
72	NUTR3072	30	72	29	28	38	1	0.3	59000	79000	48000 65000	65000	65000	2600
	NUTR35	35	72	29	28	44	1.1	0.6	65000	93000	45000 61000	32000	61000	2100
80	NUTR3580	35	80	29	28	44	1.1	0.6	65000	93000	51000 72000	72000	72000	2100
	NUTR40	40	80	32	30	51	1.1	0.6	90000	134000	56000 76000	30500	60000	1600
85	NUTR45	45	85	32	30	55	1.1	0.6	95000	147000	56000 79000	31500	61000	1400
90	NUTR4090	40	90	32	30	51	1.1	0.6	90000	134000	66000 96000	84000	96000	1600
	NUTR50	50	90	32	30	60	1.1	0.6	10000	161000	57000 81000	32000	63000	1300
100	NUTR45100	45	100	32	30	55	1.1	0.6	95000	147000	72000 10800	106000	108000	1400
110	NUTR50110	50	110	32	30	60	1.1	0.6	10000	161000	76000 121000	121000	121000	1300

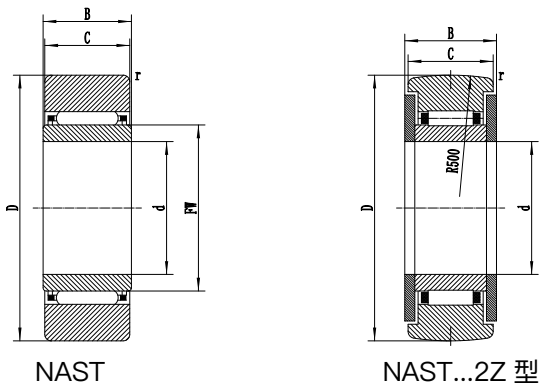
NAST 型支承滚轮轴承

Model NAST Supporting Roller

该种轴承带轴向引导，其性能同NATR型轴承。

NAST-2Z型带平挡圈有防尘盖的滚轮滚针轴承。

This bearing has the axial guide. Its performance is same as that of Model NATR bearing. Model NAST22 is the roller needle bearing with flat baffle ring and dust-protection cover.



轴径 mm	轴承型号		重量 g	d	外形尺寸			基本额定负荷		极限转速 油润滑 r/min
	现型号	原型号			D	B	C	动 N	静	
6	NAST6		17.8	6	19	10	9.8	5200	4900	18000
	NAST6-ZZR		24	6	19	14	13.8	5200	4900	18000
	NAST6-2Z		24	6	19	14	13.8	5200	4900	18000
8	NAST8		28	8	24	10	9.8	5600	7650	16000
	NAST8-ZZR		40	8	24	14	13.8	5600	7650	16000
	NAST8-2Z		40	8	24	14	13.8	5600	7650	16000
10	NAST10		49.5	10	30	16	15.8	10000	10800	12000
	NAST10-ZZR		65	10	30	16	15.8	10000	10800	12000
	NAST10-2Z		65	10	30	16	15.8	10000	10800	12000
	NAST10X28X12			10	28	12	11.8	10000	10800	12000
12	NAST12		58	12	32	12	11.8	10600	12000	10000
	NAST12-ZZR		75	12	32	16	15.8	10600	12000	10000
	NAST12-2Z		75	12	32	16	15.8	10600	12000	10000
15	NAST15-ZZR		83	15	35	16	15.8	12500	15600	7000
	NAST15-2Z		83	15	35	16	15.8	12500	15600	7000
17	NAST17		135	17	40	20	19.8	18300	23600	6300
	NAST17-2Z		135	17	40	20	19.8	18300	23600	6300
20	NAST20-ZZR		195	20	47	20	19.8	19000	26000	5300
	NAST20-2Z		195	20	47	20	19.8	19000	26000	5300
25	NAST25-2Z		225	25	52	20	19.8	21200	31500	4300
	NAST25-ZZR		225	25	52	20	19.8	21200	31500	4300
30	NAST30-ZZR		400	30	62	25	24.8	31500	52000	3000
	NAST30-2Z		400	30	62	25	24.8	31500	52000	3000
35	NAST35-ZZR		550	35	72	25	24.8	32000	54000	2400
	NAST35-2Z		550	35	72	25	24.8	32000	54000	2400
40	NAST40-2Z		710	40	80	26	25.8	36500	68000	1800
45	NAST45-ZZR		760	45	85	26	25.8	38000	75000	1600
	NAST45-2Z		760	45	85	26	25.8	38000	75000	1600
50	NAST50-2Z		830	50	90	26	25.8	39500	87000	1400

曲线滚轮轴承

Curve Roller

KR KR...PP型曲线滚轮

该种KR KR...PP型曲线滚轮，滚动体是由保持架引导，而外圈则经由螺栓上的挡圈轴向引导。适用于重载荷和中转速。由于轴承内部有较多的贮脂空间，所以润滑周期得到处延长。KR...PP型曲线滚轮为带接触式密封结构。KRV KRV...PP型曲线滚轮

KRV KRV...PP型轴承和KR KR...PP型曲线滚轮结构相同，KRV KRV...PP型曲线滚轮是满装滚针轴承。该种曲线滚轮可以承受较重的载荷及较低的转速，但必须经常添加润滑脂。

NUKR型曲线滚轮

NUKR型曲线滚轮是双列装滚子结构，象园柱滚子轴承一样具有外圈由滚动体作轴向引导压入外圈的罩壳和挡边台阶组成高效果的间隙密封。

该种曲线滚轮能够承受特别高的载荷，还由于受滚子的轴向引导也可承受冲击性的轴向载荷。

KRE、KRE...PP;KREV、KREV...PP;NUKRE 型曲线滚轮

该类型KRE、KRE...PP; KREV、KREV- PP和NUKRE型曲线滚轮轴承是为了满足主机配套要求，系专用轴承。外圈采用滚轮式，以螺栓轴代内圈，其结构紧凑。都可以带偏心套，滚轮可以通过螺栓端面的槽进行调节，加润滑脂可以通过螺栓两端进行。

Model KR, KR...PP Curve Roller

In Model KR, KR...PP curve roller, the rolling body is guided by cage and the outer is axially guided by the baffle ring on the bolt. It is suitable for heavy load and middle rotational speed. Since the bearing has a large grease-storage space, it has a long-term lubrication cycle. Model KR...PP curve roller has the contact-type seal structure.

Model KRV, KRV...PP Curve Roller

The structure of Model KRV, KRV...PP curve roller bearing is same with that of Model KR, KR...PP curve roller bearing. Model KRV, KRV...PP curve roller bearing is the full complement needle roller bearing. This curve roller bearing can withstand heavy load under the low speed. However it is necessary to add the lubricating grease at regular intervals.

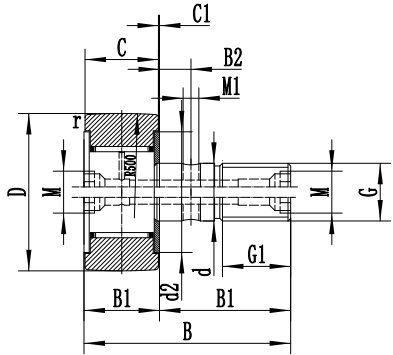
Model NUKR Curve Roller

Model NUKR curve roller bearing has the double-row roller structure. As same as parallel roller bearing, the outer ring is guided axially by rolling body. The cover pressed in outer ring and the shoulder constitutes the high-efficient gas seal.

This kind of curve roller bearing can withstand the heavy load and the shock axial load because it is guided axially by roller.

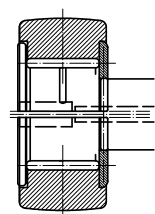
KRE KRE...PP Model KREV、KREV...PP NUKRE Curve Roller

Model KRE, KRE...PP, KREV, KREV...PP and NUKRE curve roller bearings are the special-purposed bearings in order to meet the supporting requirement of main machine. The outer ring has roller structure and the bolt shaft substitutes the inner ring. It has compact structure and can be equipped with eccentric-strap. The roller can be adjusted by means of the slot at end of bolt. The lubricating grease can be fed from both ends of bolt.

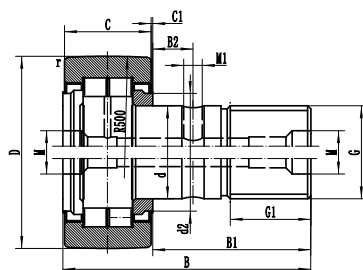


KR, KR...PP

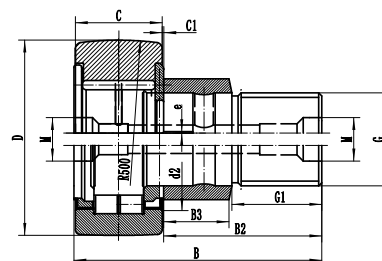
外径 mm	轴承型号		D	d	C	ra mm	B	B1	外形尺寸						
	带偏心套								B2	G	G1	M	Mn	C1	d2
16	KR16	KRE16	16	6	11	0.15	28	16		M6	8		4 ⁵⁾	0.6	12
	KR16PP	KRE16PP	16	6	11	0.15	28	16		M6	8		4 ⁵⁾	0.6	12
	KRV16	KRVE16	16	6	11	0.15	28	16		M6	8		4 ⁵⁾	0.6	12
	KRV16PP	KRVE16PP	16	6	11	0.15	28	16		M6	8		4 ⁵⁾	0.6	12
19	KR19	KRE19	19	8	11	0.15	32	20		M8	10		4 ⁵⁾	0.6	14
	KR19PP	KRE19PP	19	8	11	0.15	32	20		M8	10		4 ⁵⁾	0.6	14
	KRV19	KRVE19	19	8	11	0.15	32	20		M8	10		4 ⁵⁾	0.6	14
	KRV19PP	KRVE19PP	19	8	11	0.15	32	20		M8	10		4 ⁵⁾	0.6	14
22	KR22	KRE22	22	10	12	0.3	36	23		M10×1	12		4	0.6	17
	KR22PP	KRE22PP	22	10	12	0.3	36	23		M10×1	12		4	0.6	17
	KRV22	KRVE22	22	10	12	0.3	36	23		M10×1	12		4	0.6	17
	KRV22PP	KRVE22PP	22	10	12	0.3	36	23		M10×1	12		4	0.6	17
26	KR26	KRE26	26	10	12	0.3	36	23		M10×1	12		4	0.6	17
	KR26PP	KRE26PP	26	10	12	0.3	36	23		M10×1	12		4	0.6	17
	KRV26	KRVE26	26	10	12	0.3	36	23		M10×1	12		4	0.6	17
	KRV26PP	KRVE26PP	26	10	12	0.3	36	23		M10×1	12		4	0.6	17
30	KR30	KRE30	30	12	14	0.6	40	25	6	M12×1.5	13	3	6	0.6	23
	KR30PP	KRE30PP	30	12	14	0.6	40	25	6	M12×1.5	13	3	6	0.6	23
	KRV30	KRVE30	30	12	14	0.6	40	25	6	M12×1.5	13	3	6	0.6	23
	KRV30PP	KRVE30PP	30	12	14	0.6	40	25	6	M12×1.5	13	3	6	0.6	23
32	KR32	KRE32	32	12	14	0.6	40	25	6	M12×1.5	13	3	6	0.6	23
	KR32PP	KRE32PP	32	12	14	0.6	40	25	6	M12×1.5	13	3	6	0.6	23
	KRV32	KRVE32	32	12	14	0.6	40	25	6	M12×1.5	13	3	6	0.6	23
	KRV32PP	KRVE32PP	32	12	14	0.6	40	25	6	M12×1.5	13	3	6	0.6	23
35	KR35	KRE35	35	16	18	0.6	52	32.5	8	M16×1.5	17	3	6	0.8	27
	KR35PP	KRE35PP	35	16	18	0.6	52	32.5	8	M16×1.5	17	3	6	0.8	27
	KRV35	KRVE35	35	16	18	0.6	52	32.5	8	M16×1.5	17	3	6	0.8	27
	KRV35PP	KRVE35PP	35	16	18	0.6	52	32.5	8	M16×1.5	17	3	6	0.8	27
	NUKR35	NUKRE35	35	16	18	0.6	52	32.5	8	M16×1.5	17	3	6	0.8	21
40	KR40	KRE40	40	18	20	1	58	36.5	8	M18×1.5	19	3	6	0.8	32
	KR40PP	KRE40PP	40	18	20	1	58	36.5	8	M18×1.5	19	3	6	0.8	32
	KRV40	KRVE40	40	18	20	1	58	36.5	8	M18×1.5	19	3	6	0.8	32
	KRV40PP	KRVE40PP	40	18	20	1	58	36.5	8	M18×1.5	19	3	6	0.8	32
	NUKR40	NUKRE40	40	18	20	1	58	36.5	8	M18×1.5	19	3	6	0.8	23
47	KR47	KRE47	47	20	24	1	66	40.5	9	M20×1.5	21	4	8	0.8	37
	KR47PP	KRE47PP	47	20	24	1	66	40.5	9	M20×1.5	21	4	8	0.8	37
	KRV47	KRVE47	47	20	24	1	66	40.5	9	M20×1.5	21	4	8	0.8	37
	KRV47PP	KRVE47PP	47	20	24	1	66	40.5	9	M20×1.5	21	4	8	0.8	37
	NUKR47	NUKRE47	47	20	24	1	66	40.5	9	M20×1.5	21	4	8	0.8	37



NRV...PP

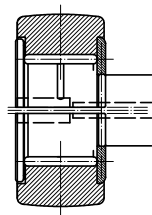


NUKR

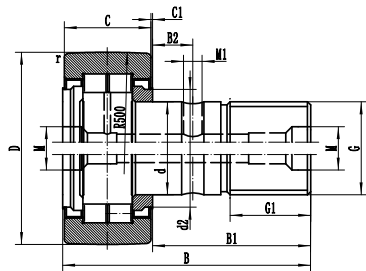


NUKRE

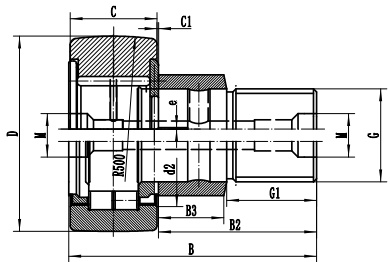
外形尺寸				作为支撑滚轮				极限转速 r/min
d1	B3	e	M	动	静	动	静	
	mm		Nm					
9	7	0.5	3	3800	3750	3150	3300	22000
9	7	0.5	3	3800	3750	3150	3300	16000
9	7	0.5	3	6400	8500	4850	6500	8500
9	7	0.5	3	6400	8500	4850	6500	8500
11	9	0.5	8	4250	4600	3500	3900	20000
11	9	0.5	8	4250	4600	3500	3900	14000
11	9	0.5	8	7300	10800	5500	7900	7000
11	9	0.5	8	7300	10800	5500	7900	7000
13	10	0.5	15	5700	6500	4450	5200	16000
13	10	0.5	15	5700	6500	4450	5200	11000
13	10	0.5	15	8600	12900	6300	9100	6000
13	10	0.5	15	8600	12900	6300	9100	6000
13	10	0.5	15	5700	6500	5100	6200	16000
13	10	0.5	15	5700	6500	5100	6200	11000
13	10	0.5	15	8600	12900	7300	11300	6000
13	10	0.5	15	8600	12900	7300	11300	6000
15	11	0.5	22	8100	9700	6800	8400	11000
15	11	0.5	22	8100	9700	6800	8400	8300
15	11	0.5	22	12200	19000	9500	14600	4500
15	11	0.5	22	12200	19000	9500	14600	4500
15	11	0.5	22	8100	9700	7100	9000	11000
15	11	0.5	22	8100	9700	7100	9000	8300
15	11	0.5	22	12200	19000	10000	15800	4500
15	11	0.5	22	12200	19000	10000	15800	4500
20	14	1	58	12900	19000	9700	14100	7000
20	14	1	58	12900	19000	9700	14100	7000
20	14	1	58	18300	35000	12800	23000	3400
20	14	1	58	18300	35000	12800	23000	3400
20	14	1	58	23000	27000	16000	18300	6500



NRV...PP

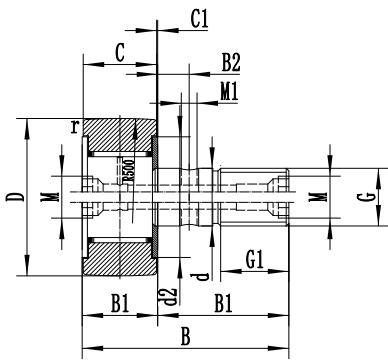


NUKR



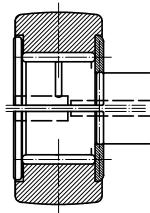
NUKRE

d1	外形尺寸		M Nm	动	静	作为支撑滚轮		极限转速 r/min
	B3 mm	e				动	静	
					N			
22	16	1	87	14200	20400	10900	15500	6000
22	16	1	87	14200	20400	10900	15500	6000
22	16	1	87	21000	39500	14800	26500	2900
22	16	1	87	21000	39500	14800	26500	2900
22	16	1	87	24800	31000	18500	22800	5500
24	18	1	120	19500	32000	15500	25500	4900
24	18	1	120	19500	32000	15500	25500	4900
24	18	1	120	28000	59000	20600	42000	2600
24	18	1	120	28000	59000	20600	42000	2600
24	18	1	120	39000	50000	28000	34500	4200

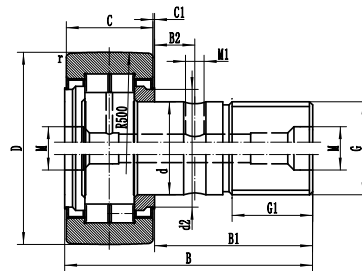


KR, KR...PP

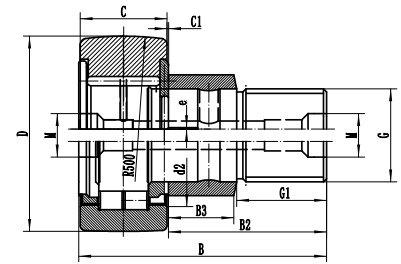
外径 mm	轴承型号		外形尺寸												
	带偏心套		D	d	C	ra	B	B1	B2	G	G1	M	Mn	C1	d2
						mm				min		mm			
52	KR52	KRE52	52	20	24	1	66	40.5	9	M20×1.5	21	8	4	0.8	37
	KR52PP	KRE52PP	52	20	24	1	66	40.5	9	M20×1.5	21	8	4	0.8	37
	KRV52	KRVE52	52	20	24	1	66	40.5	9	M20×1.5	21	8	4	0.8	37
	KRV52PP	KRVE52PP	52	20	24	1	66	40.5	9	M20×1.5	21	8	4	0.8	37
	NUKR52	NUKRE52	52	20	24	1	66	40.5	9	M20×1.5	21	8	4	0.8	31
62	KR62	KRE62	62	24	29	1	80	49.5	11	M24×1.5	25	8	4	0.8	44
	KR62PP	KRE62PP	62	24	29	1	80	49.5	11	M24×1.5	25	8	4	0.8	44
	KRV62	KRVE62	62	24	29	1	80	49.5	11	M24×1.5	25	8	4	0.8	44
	KRV62PP	KRVE62PP	62	24	29	1	80	49.5	11	M24×1.5	25	8	4	0.8	44
	NUKR62	NUKRE62	62	24	29	1	80	49.5	11	M24×1.5	25	8	4	0.8	38
72	KR72	KRE72	72	24	29	1.1	80	49.5	11	M24×1.5	25	8	4	0.8	44
	KR72PP	KRE72PP	72	24	29	1.1	80	49.5	11	M24×1.5	25	8	4	0.8	44
	KRV72	KRVE72	72	24	29	1.1	80	49.5	11	M24×1.5	25	8	4	0.8	44
	KRV72PP	KRVE72PP	72	24	29	1.1	80	49.5	11	M24×1.5	25	8	4	0.8	44
	NUKR72	NUKRE72	72	24	29	1.1	80	49.5	11	M24×1.5	25	8	4	0.8	44
80	KRV80	KRE80	80	30	35	1.1	100	63	15	M30×1.5	32	8	4	1	53
	KR80PP	KRE80PP	80	30	35	1.1	100	63	15	M30×1.5	32	8	4	1	53
	KRV80	KRVE80	80	30	35	1.1	100	63	15	M30×1.5	32	8	4	1	53
	KRV80PP	KRVE80PP	80	30	35	1.1	100	63	15	M30×1.5	32	8	4	1	53
	NUKR80	NUKRE80	80	30	35	1.1	100	63	15	M30×1.5	32	8	4	1	47
85	KR85	KRE85	85	30	35	1.1	100	63	15	M30×1.5	32	8	4	1	53
	KR85PP	KRE85PP	85	30	35	1.1	100	63	15	M30×1.5	32	8	4	1	53
90	KR90	KRE90	90	30	35	1.1	100	63	15	M30×1.5	32	8	4	1	53
	KR90PP	KRE90PP	90	30	35	1.1	100	63	15	M30×1.5	32	8	4	1	53
	KRV90	KRVE90	90	30	35	1.1	100	63	15	M30×1.5	32	8	4	1	53
	KRV90PP	KRVE90PP	90	30	35	1.1	100	63	15	M30×1.5	32	8	4	1	53
		NUKRE90	90	30	35	1.1	100	63	15	M30×1.5	32	8	4	1	47



NRV...PP

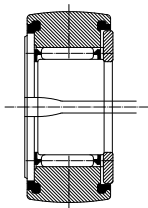


NUKR

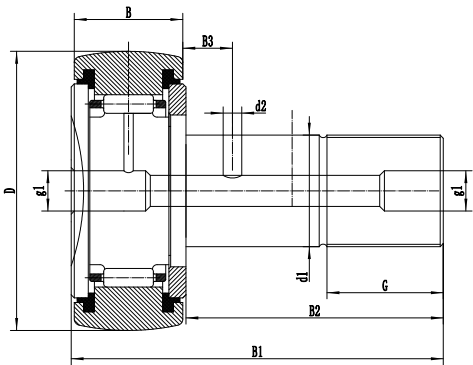


NUKRE

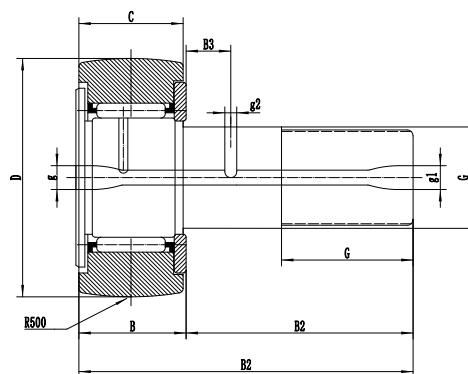
d1	B3	e	MNm	动	静	作为支撑滚轮		极限转速 r/min
						动	静	
MMN								
24	18	1	120	19500	32000	16800	38500	4900
24	18	1	120	19500	32000	16800	28500	4900
24	18	1	120	28000	59000	22500	48000	2600
24	18	1	120	28000	59000	22500	48000	2600
24	18	1	120	43500	60000	29000	37500	3400
28	22	1	220	30500	53000	26500	47500	3800
28	22	1	220	30500	53000	26500	47500	3800
28	22	1	220	41500	91000	34000	76000	2200
28	22	1	220	41500	91000	34000	76000	2200
28	22	1	220	59000	79000	40500	51000	2600
28	22	1	220	30500	53000	28000	53000	3800
28	22	1	220	30500	53000	28000	53000	3800
28	22	1	220	41500	91000	37000	85000	2200
28	22	1	220	41500	91000	37000	85000	2200
28	22	1	220	65000	93000	45000	61000	2100
35	29	1.5	450	45000	85000	39500	77000	2600
35	29	1.5	450	45000	85000	39500	77000	2600
35	29	1.5	450	60000	1420000	49500	1200000	1700
35	29	1.5	450	60000	142000	49500	120000	1700
35	29	1.5	450	95000	133000	67000	93000	1800
35	29	1.5	450	45000	85000	40500	80000	2600
35	29	1.5	450	45000	85000	40500	80000	2600
35	29	1.5	450	45000	85000	41500	83000	2600
35	29	1.5	450	45000	85000	41500	83000	2600
35	29	1.5	450	60000	142000	53000	130000	1700
35	29	1.5	450	60000	142000	53000	130000	1700
35	29	1.5	450	95000	133000	77000	110000	1800



CF UU



轴径 mm	不带密封		带密封		外形尺寸				
	球面外圈	圆柱外圈	球面外圈	圆柱外圈	D	G	d1	G	
6	CF6R	CF6	CF6UUR	CF6UU	18.5	16	11	6	M6x1
8	CF8R	CF8	CF8UUR	CF8UU	28.5	19	11	8	M8x1.25
10	CF10R	CF10	CF10UUR	CF10UU	45	22	12	10	M10x1.25
	CF10-1R	CF10-1	CF10-1UUR	CF10-1UU	60	26	12	10	M10x1.25
12	CF12R	CF12	CF12UUR	CF12UU	95	30	14	12	M12x1.5
	CF12-1R	CF12-1	CF12-1UUR	CF12-1UU	105	32	14	12	M12x1.5
16	CF16R	CF16	CF16UUR	CF16UU	170	35	18	16	M16x1.5
18	CF18R	CF18	CF18UUR	CF18UU	250	40	20	18	M18x1.5
20	CF20R	CF20	CF20UUR	CF20UU	460	52	24	20	M20x1.5
	CF20-1R	CF20-1	CF20-1UUR	CF20-1UU	385	47	24	20	M20x1.5
24	CF24R	CF24	CF24UUR	CF24UU	815	62	29	24	M24x1.5
	CF24-1R	CF24-1	CF24-1UUR	CF24-1UU	1140	72	29	24	M24x1.5
30	CF30R	CF30	CF30UUR	CF30UU	1870	80	35	30	M30x1.5
	CF30-1R	CF30-1	CF30-1UUR	CF30-1UU	2030	85	35	30	M30x1.5
	CF30-2R	CF30-2	CF30-2UUR	CF30-2UU	2220	90	35	30	M30x1.5



CF R

G1	尺寸								安装尺寸 min mm	最大拧紧 扭矩 kgf. m	基本额定动 负载 kgf	基本额定静 负载 kgf	最大静态 容许负载 kgf
	B	B1	B2	B3	C1	g1	g2	rsmin					
8 (9)	12. 2max (12)	28. 2max (28)	16		0. 6 (0. 5)	*4	0. 3		11	0. 3	370	370	200
10 (11)	12. 2max (12)	32. 2max (32)	20		0. 6 (0. 5)	*4	0. 3		13	0. 8	430	480	470
12 (13)	13. 2max (13)	36. 2max (36)	23		0. 6 (0. 5)	*4	0. 3 (0. 6)		16 (15)	1. 2	550 (490)	700 (590)	700 (590)
12 (13)	13. 2max (13)	36. 2max (36)	23		0. 6 (0. 5)	*4	0. 3 (0. 6)		16 (15)	1. 2	550 (490)	700 (590)	700 (590)
13 (14)	15. 2max (15)	40. 2max (42)	25	6	0. 6 (0. 5)	6	3	0. 6 (1)	21	2. 2	810	1000	1000
13 (14)	15. 2max (15)	40. 2max (42)	25	6	0. 6 (0. 5)	6	3	0. 6 (1)	21	2. 2	810	1000	1000
17 (18)	19. 6max (19. 5)	52. 1max (52)	32. 5	8	0. 8	6	3	0. 6 (1)	26 (25)	5. 8	1230 (1180)	1870 (1760)	1870 (1760)
19 (20)	21. 6max (21. 5)	58. 1max (58)	36. 5	8	0. 8	6	3	1	29	8. 5	1500 (1600)	2570 (2770)	2570 (2770)
21 (22)	25. 6max (25. 5)	66. 1max (66)	40. 5	(10) 9	0. 8	8	4	1	34 (37)	12	21110 (2200)	3530 (3850)	3280
21 (22)	25. 6max (25. 5)	66. 1max (66)	40. 5	(12) 9	0. 8	8	4	1	34 (37)	12	21110 (2200)	3530 (3850)	3280
25	30. 6max (30. 5)	80. 1max (80)	49. 5	(12) 11	0. 8	8	4	1	40	22	31110 (2930)	3530 (3850)	4500
25	30. 6max (30. 5)	80. 1max (80)	49. 5	(12) 11	0. 8	8	4	1	40	22	31110 (2930)	3530 (3850)	4500

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COMPANY INTRODUCTION

公司简介

精石开（上海）自动化科技有限公司

精石开（上海）自动化科技有限公司主要开发生产以下产品：滚针轴承及保持架组件、圆柱滚子轴承、直线导轨。

我们历经 40 余年发展，以精密、专用、差异化产品为特色，始终坚持精益求精的技术、管理和品质准则，深耕滚针轴承和直线传动产品，坚定不移走“专精特新”发展之路，努力拓展国内、国际市场，不断提升技术和品质。

JYU 对材料技术、力学、制造工艺和产品测试检验持续投入研发能力，不断提升产品的锻造、成型、热处理、机械加工、表面处理和装配等制造工艺，积累了丰富的经验，确保用户得到稳定可靠，具有性价比的方案。多年以来，我们在机床、工程机械、汽车配件、半导体、印刷、自动化等领域赢得了众多用户的支持和信任。

JYU (Shanghai) Automation Technology Co., Ltd. mainly develops and produces the following products: needle roller bearings and cage components, cylindrical roller bearings, linear guide rails.

Having been developing for over 40 years, we maintain high-quality, precision, specialization and diversity in the products. The pillar products of our company are needle bearing and linear guideway, which has expanded the market and enhanced the competitiveness of the company. By adhering to the principle of specialization and precision, we will continue focusing on making products of high quality.

Based on years of experience, JYU has achieved remarkable results in materials, manufacturing techniques and production tests, which provides reliable and stable service for clients in the many areas of machine tool, engineering machinery, auto parts, semiconductor industry, printing machinery and automation machine in and abroad.



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