



无锡市堰微精密轴承厂
Wuxi YW Precision Bearing Factory

型号目录

Style Contents



...the professional ball bearing
manufactory since 1986
自1986年以来致力于专业精密轴承制造

国内业务部

地址：中国江苏省无锡市
堰桥工业园堰兴路1号
电话：86-510-83742745
传真：86-510-83741049
电邮：liu_wei@ywbearing.com

International Business Department

Add: NO. 1, YANXING ROAD YANQIAO
INDUSTRIAL ZONE WUXI, JIANGSU, CHINA
China, 214176
Tel: 86-510-83742745
Fax: 86-510-83741049
Email: liu_wei@ywbearing.com



www.ywbearing.com



公/司/简/介 Company Introduction

自1986年以来，YW就致力于专业的轴承制造。目前拥有30000平方米的厂房。已形成了年产孔径从3mm至300mm的深沟球轴承、角接触球轴承、短圆柱滚子轴承7000万套的规模。

在轴承行业奋斗了20余年，持续创新是我们对客户最好的承诺。同时严格控制每一道制造工序流程，当客户有任何建议或意见反馈，我们会在第一时间给出处理方案，改进我们的产品，提高我们的服务。

众多世界知名企业 with YW 建立了良好的合作关系。我们不仅提供优质的产品，更提供优质的服务。中国轴承行业之前列。不能没有YW一席之地。这是YW永远的追求。

感谢国内外客户对我们的鼎力支持，我们会不断地努力改善我们的品质、管理、理念、服务……

客户满意是我们的目标！

Since 1986, we have been specializing in bearing manufacture, owned 30000 square meters factory area. Until now, we have the capability of yearly manufacturing 70 million pieces of deep groove ball bearings, angular contact ball bearings and cylindrical roller bearings, bore diameter from 3mm to 300mm.

Developed for more than twenty years in bearing industry, continuous creation is our best promise. Strictly controlling every working procedure. We will work out a solvent and improve product and service at the first time. When received any suggestion or feedback from customer.

Most of our customers are the world famous companies. Our mission is to keep up with the pace of high end customers by continuous improvement of manufacturing and quality assurance system, to assist customers to be more competitive in the market.

We not only provide best products, but also best service. We are in pursue of making YW&YWB been a famous brand all over the world. We are trying our best to improve quality, management, method, service and so on.

Thanks to the support of our customers and suppliers in home and abroad.

Full customer satisfaction, both internal and external, is our motto.



Tolerances
Internal Clearances
Vibration/Noise
Lubrication
Shield/seal classification & characteristics

公差
径向游隙
振动和噪音
润滑
防尘盖/密封圈分类和特性

03-16



Miniature Ball Bearings
微型球轴承

17-18



Deep Groove Ball Bearings
深沟球轴承

19-26



Angular Contact Ball Bearings
角接触球轴承

27-36



Self Aligning Ball Bearings
调心球轴承

37-42



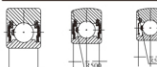
Cylindrical Roller Bearings
短圆柱滚子轴承

43-59



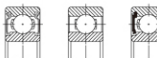
Automotive Bearings
汽车轴承

60-63



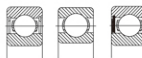
LR...NPP/NPPU Series Bearings
LR...NPP/NPPU 系列轴承

64-65



Inch 16 Series Bearings
英制 16 系列轴承

66-67



Inch R Series Bearings
英制 R 系列轴承

68-69



Double Row Angular Contact Ball Bearings
双列角接触轴承

70-72

工程技术 Engineering

公差

向心球和圆柱滚子轴承

不同的使用场合要求不同的轴承精度。

按公差等级。P0 级适用于正常使用情况下的球轴承。其它 P6、P5、P4、P2 级适用于要求精度更高的球轴承。

P0 级适用于正常使用情况下的滚子轴承。P6 及 P5 级适用于要求精度更高的滚子轴承。

Tolerances

Radial Ball and Cylindrical Roller Bearings

Depending upon requirements, various degrees of bearing accuracy may be required.

Among the tolerance classes P0 applies to ball bearings for normal usage. The other classes P6, P5, P4, P2 apply to ball bearings of increased precision as required.

P0 applies to roller bearings for normal usage. P6 and P5 apply to roller bearings of increased precision as required.

公差符号 – 内圈

Δd_{mp} 单一平面平均内径的偏差 (对于圆锥孔, Δd_{mp} 仅指内孔的理论小端)

K_{α} 成套轴承内圈的径向跳动。

V_{ls} 内圈宽度的变动量, 即平行度。

S_{α} 内圈基准面对内孔的跳动, 即垂直度。

S_{α} 成套轴承内圈端面 (背面) 对滚道的跳动。

ΔB_{α} 内圈单一宽度偏差, 即宽度公差。

Tolerances Symbols-inner Ring

Δd_{mp} Single plane mean bore diameter deviation from basic bore diameter, i. e. bore tolerance for a basically tapered bore. Δd_{mp} refers only to the theoretical small bore end of the bore.

K_{α} Radial runout of assembled bearing inner ring, i. e., radial runout of raceway.

V_{ls} Inner ring width variation, i. e. parallelism.

S_{α} Inner ring reference face runout with bore, i. e., squareness-bore to face.

S_{α} Axial runout of assembled bearing inner ring, i. e., lateral (axial) runout of raceway.

ΔB_{α} Single inner ring width deviation from basic, i. e., width tolerance.

公差符号 – 外圈

ΔD_{mp} 单一平面内平均外径的偏差, 即外径公差。

K_{α} 成套轴承外圈的径向跳动。

V_{ls} 外圈宽度的变动量, 即平行度。

S_{α} 外径表面母线对基准端面 (背面) 的倾斜度的变动量。

S_{α} 即外径对端面的垂直度。

S_{α} 成套轴承外圈端面的轴向跳动, 即滚道的内部轴向跳动。

ΔC_{α} 外圈单一宽度的偏差, 即宽度公差。

Tolerances Symbols-outer Ring

ΔD_{mp} Single plane mean outside diameter deviation from basic outside diameter, i. e., O.D. tolerance.

K_{α} Radial runout of assembled bearing outer ring, i. e., radial runout of raceway.

V_{ls} Outer ring width variation, i. e., parallelism.

S_{α} Outside cylindrical surface runout with outer ring reference face, i. e., squareness O. D. to face.

S_{α} Axial runout of assembled bearing outer ring, i. e., lateral (axial) runout of raceway.

ΔC_{α} Outer ring width deviation from basic, i. e., width tolerance.

工程技术 Engineering

公差

向心球和圆柱滚子轴承

内圈公差

Tolerances

Radial Ball and Cylindrical roller Bearings

Standard ISO Tolerances-Inner Ring

Bearing Bore	Bore Diameter (1)					Width Variation (Parallelism)					Raceway Radial Runout					Face Runout With Bore (Squareness)			Raceway Axial Runout			Width Inner & Outer Rings							
轴承内径	内径 (1)					宽度变动量 (平行度)					滚道径向跳动					端面对内孔的跳动 (垂直度)			滚道轴向跳动			内外圈宽度							
d	△d _{mp}					V _{ls}					K _α					S _α			S _α			△B _α & △C _α							
over incl. 超过 量	P0	P6	P5	P4	P2	P0	P6	P5	P4	P2	P0	P6	P5	P4	P2	P5	P4	P2			P5	P4	P2			P0, P6	P5	P4	P2
mm	μm					μm					μm					μm			μm			μm							
0 10	-8	-7	-5	-4	-2.5	15	15	5	2.5	1.5	10	6	4	2.5	1.5	7	3	1.5			7	3	1.5		-120	-40			
10 18	-8	-7	-5	-4	-2.5	20	20	5	2.5	1.5	10	7	4	2.5	1.5	7	3	1.5			7	3	1.5		-120	-60			
18 30	-10	-8	-6	-5	-2.5	20	20	5	2.5	1.5	13	8	4	3	2.5	8	4	1.5			8	4	2.5		-120	-120			
30 50	-12	-10	-8	-6	-2.5	20	20	5	3	1.5	15	10	5	4	2.5	8	4	1.5			8	4	2.5		-120	-120			
50 80	-15	-12	-9	-7	-4	25	25	6	4	1.5	20	10	5	4	2.5	8	5	1.5			8	5	2.5		-150	-150			
80 120	-20	-15	-10	-8	-5	25	25	7	4	2.5	25	13	6	5	2.5	9	5	2.5			9	5	2.5		-200	-200			
120 150	-25	-18	-13	-10	-7	30	30	8	5	2.5	30	18	8	6	2.5	10	6	2.5			10	6	2.5		-250	-250			
150 180	-25	-18	-13	-10	-7	30	30	8	5	4	30	18	8	6	5	10	6	4			10	7	5		-250	-250			
180 250	-30	-22	-15	-12	-8	30	30	10	6	5	40	20	10	8	5	11	7	5			13	8	5		-300	-300			
250 315	-35	-25	-18	-	-	35	35	13	-	-	50	25	13	-	-	13	-	-			15	-	-		-350	-350			
315 400	-40	-30	-23	-	-	40	40	15	-	-	60	30	15	-	-	15	-	-			20	-	-		-400	-400			
400 500	-45	-35	-	-	-	50	45	-	-	-	65	35	-	-	-	-	-	-			-	-	-		-450	-			
500 630	-50	-40	-	-	-	60	50	-	-	-	70	40	-	-	-	-	-	-			-	-	-		-500	-			

本表的公差适合于 GB/T 301-194 (等同于 ISO 492:1986) 向心轴承公差。

(1) d_{min} (内径的最小值) 和 d_{max} (内径的最大值) 可能超出范围, 但 $\frac{d_{max}-d_{min}}{2}$ 必须符合要求。

The tolerances in this table are in conformity with GB/T 301-194 (equal to ISO 492:1986) radial bearing tolerance. (1) d_{min} (the smallest single diameter of a bore) and d_{max} (the largest single diameter of a bore) may fall outside limits shown. $\frac{d_{max}-d_{min}}{2}$ must be within outside diameter tabulated.

工程技术 Engineering

公差

向心球和圆柱滚子轴承
外圈公差

Tolerances

Radial Ball and Cylindrical
Roller Bearings
Standard ISO Tolerances-Outer Ring

Bearing O.D.	Outside Diameter ⁽¹⁾					Width Variation (Parallelism)					Raceway Radial Runout					Raceway Axial Runout					Outside Diameter Runout With Face (Squareness)				
轴承 外径	外径 ⁽¹⁾					宽度变动量 (平行度)					滚道径向跳动					滚道 轴向跳动					外径对面面的 跳动 (垂直度)				
D	△D _{no}					V _{ca}					K _{sa}					S _{sa}					S _o				
over incl. 超过 至	P0	P6	P5	P4	P2	P0,P6	P5	P4	P2	P0	P6	P5	P4	P2	P5	P4	P2	P5	P4	P2					
mm	µm					µm					µm					µm					µm				
18 30	-9	-8	-6	-5	-4	20	5	2.5	1.5	15	9	6	4	2.5	8	5	2.5	8	4	1.5					
30 50	-11	-9	-7	-6	-4	20	5	2.5	1.5	20	10	7	5	2.5	8	5	2.5	8	4	1.5					
50 80	-13	-11	-9	-7	-4	25	6	3	1.5	25	13	8	5	4	10	5	4	8	4	1.5					
80 120	-15	-13	-10	-8	-5	25	8	4	2.5	35	18	10	6	5	11	6	5	9	5	2.5					
120 150	-18	-15	-11	-9	-5	30	8	5	2.5	40	20	11	7	5	13	7	5	10	5	2.5					
150 180	-25	-18	-13	-10	-7	30	8	5	2.5	45	23	13	8	5	14	8	5	10	5	2.5					
180 250	-30	-20	-15	-11	-8	30	10	7	4	50	25	15	10	7	15	10	7	11	7	4					
250 315	-35	-25	-18	-13	-8	35	11	7	5	60	30	18	11	7	18	10	7	13	8	5					
315 400	-40	-28	-20	-15	-10	40	13	8	7	70	35	20	13	8	20	13	8	13	10	7					
400 500	-45	-33	-23	-	-	45	15	-	-	80	40	23	-	-	23	-	-	15	-	-					
500 630	-50	-38	-28	-	-	50	18	-	-	100	50	25	-	-	25	-	-	18	-	-					

本表的公差适合于 GB/T 307.1-94 (等同于 ISO 492:1986) 向心轴承公差。

⁽¹⁾D_{no}(外径的最小值) 和 D_{no}(外径的最大值) 可能超出范围, 但 $\frac{D_{no}-D_{no}}{2}$ 必须符合要求。

The tolerances in this table are in conformity with GB/T 307.1-94 (equal to ISO 429:1986) radial bearing tolerance.

⁽¹⁾D_{no}(the smallest single diameter of an O.D.) and D_{no}(the largest single diameter of an O.D.) may fall outside limits shown $\frac{D_{no}-D_{no}}{2}$ must be within outside diameter tabulated.

工程技术 Engineering

径向游隙

YW 的径向游隙代号与 ISO 代号相同, 说明如下:

Internal Clearances

The YW radial clearance designations are the same as ISO symbols as follows:

Designations

	说明
C2	紧游隙。装配后得到最小的径向或轴向位移。如6314/C2
C0	基本游隙。一般能满足配合一节所推荐的与轴和座的配合如6314
C3	松游隙。用于内圈和外圈都处于意外过载配合或存在温差的情况。如6314/C3
C4	超松游隙。用于过大过盈配合成大温差场合。如6314/C4
C5	特松游隙。用于内外圈都处于过大过盈配合同时存在大温差的情况。如6314/C5

	Description
C2	Snug fit: slight internal clearance, sometimes use to achieve a minimum of radial or axial play in an assembly. Example: 6314/C2
C0	Medium fit: internal clearance generally satisfactory with recommended shaft and housing fits shown on pages. Example: 6314
C3	Loose fit: considerable internal clearance required for applications involving press fits on both inner and outer rings, extra interference fits, or temperature differentials. Example: 6314/C3
C4	Extra Loose fit: large amount of internal clearance for applications involving large interference fits or temperature differentials. Example: 6314/C4
C5	Extra-Extra Loose fit: extra large amount of internal clearance for applications with large temperature differential and interference fits on both rings. Example: 6314/C5

工程技术 Engineering

径向游隙

向心球轴承

在球轴承的制造过程中,球和内外圈之间是按一定的游隙来进行组合的。这个性能有助于减少轴承内外圈的挤压装配的影响。

游隙还可以用来补偿轴承、轴及外壳热膨胀的影响,也可用于使轴承装配后产生一个接触角。

可采用专用仪器测量轴承的径向和轴向游隙。

径向测量更富参考价值,因为它与轴及外壳直接相关。

径向游隙

向心球轴承的径向游隙就是外面滚道直径减去内圈滚道直径再减二倍的球径。

径向游隙的测量在机械上如图1所示。水平推动外圈,当钢球正确在滚道中到位后,外圈的总移动量就是径向游隙,可以在不同的圆周位置测几个点以得到一个平均读数。

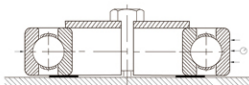


Figure1
图1

Internal Clearances

Radial Ball Bearings

In the manufacture of ball bearings, it is standard practice to assemble rings and balls with a specified internal clearance. This characteristic is necessary to absorb the effect of press fitting the bearing rings at mounting.

Internal clearances sometimes are utilized to compensate for thermal expansion of bearings, shafts and housings or to provide a contact angle in the bearing after mounting. Internal clearance can be measured either by gauging radially or axially.

Radial measurement is accepted as the more significant characteristic because it is more directly related to shaft and housing fits.

Radial Internal Clearance

The radial internal clearance of a radial contact ball bearing can be defined as the average outer ring raceway diameter minus the average inner ring raceway diameter minus twice the ball diameter.

Radial internal clearance can be measured mechanically by moving the outer ring horizontally as pictured in Figure 1. The total movement of the outer ring when the balls are properly seated in the raceways determines the radial internal clearance. Several readings should be taken using different circumferential orientations of the rings in order to get a comprehensive average reading.

工程技术 Engineering

径向游隙

无负荷情况下列向心球轴承径向游隙范围
(适用于 P0、P6、P5、P4、P2 级公差等级的轴承)

Internal Clearances

Limits for Radial Internal Clearance of Single Row, Radial Contact Ball Bearings Under No Load
(Applies to Bearings of P0, P6, P5, P4, P2 Tolerances)

Basic Bore Diameter 公称内径 d		Acceptance Limits 范围		Acceptance Limits 范围		Acceptance Limits 范围		Acceptance Limits 范围		Acceptance Limits 范围	
		C2		C0		C3		C4		C5	
over	incl.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
超过	至	最小	最大	最小	最大	最小	最大	最小	最大	最小	最大
mm		µm		µm		µm		µm		µm	
2.5	10	0	7	2	13	8	23	14	29	20	37
10	18	0	9	3	18	11	25	18	33	25	45
18	24	0	10	5	20	13	28	20	36	28	48
24	30	1	11	5	20	13	28	23	41	30	53
30	40	1	11	6	20	15	33	28	46	40	64
40	50	1	11	6	23	18	36	30	51	45	73
50	65	1	15	8	28	23	43	38	61	55	90
65	80	1	15	10	30	25	51	46	71	65	105
80	100	1	18	12	36	30	58	53	84	75	120
100	120	2	20	15	41	36	66	61	97	90	140
120	140	2	23	18	48	41	81	71	114	105	160
140	160	2	23	18	53	46	91	81	130	120	180
160	180	2	25	20	61	53	102	91	147	135	200
180	200	2	30	25	71	63	117	107	163	150	230
200	225	2	35	25	85	75	140	125	195	175	265
225	250	2	40	30	95	85	160	145	225	205	300
250	280	2	45	35	105	90	170	155	245	225	340
280	315	2	55	40	115	100	190	175	270	245	370
315	355	3	60	45	125	110	210	195	300	275	410
355	400	3	70	55	145	130	240	225	340	315	460
400	450	3	80	60	170	150	270	250	380	350	510
450	500	3	90	70	190	170	300	280	420	390	570
500	560	10	100	80	210	190	330	310	470	440	630
560	630	10	110	90	230	210	360	340	520	490	690
630	710	20	130	110	260	240	400	380	570	540	760
710	800	20	140	120	290	270	450	430	630	600	840
800	900	20	160	140	320	300	500	480	700	670	940
900	1000	20	170	150	350	330	550	530	770	740	1040
1000	1120	20	180	160	380	360	600	580	850	820	1150
1120	1250	20	190	170	410	390	650	630	920	890	1260

工程技术 Engineering

径向游隙

圆柱滚子轴承径向游隙

Internal Clearances

Cylindrical Roller Bearing Radial Internal Clearance Limits

Basic Bore Diameter 公称内径 d		Acceptance Limits 范围		Acceptance Limits 范围		Acceptance Limits 范围		Acceptance Limits 范围		Acceptance Limits 范围	
C2		C0		C3		C4		C5			
over	incl.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
超过	至	最小	最大	最小	最大	最小	最大	最小	最大	最小	最大
mm		µm		µm		µm		µm		µm	
-	10	0	25	20	45	35	60	50	75	-	-
10	24	0	25	20	45	35	60	50	75	65	90
24	30	0	25	20	45	35	60	50	75	70	95
30	40	5	30	25	50	45	70	60	85	80	105
40	50	5	35	30	60	50	80	70	100	95	125
50	65	10	40	40	70	60	90	80	110	110	140
65	80	10	45	40	75	65	100	90	125	130	165
80	100	15	50	50	85	75	110	105	140	155	190
100	120	15	55	50	90	85	125	125	165	180	220
120	140	15	60	60	105	100	145	145	190	200	245
140	160	20	70	70	120	115	165	165	215	225	275
160	180	25	75	75	125	120	170	170	220	250	300
180	200	35	90	90	145	140	195	195	250	275	330
200	225	45	105	105	165	160	220	220	280	305	365
225	250	45	110	110	175	170	235	235	300	330	395
250	280	55	125	125	195	190	260	260	330	370	440
280	315	55	130	130	205	200	275	275	350	410	485
315	355	65	145	145	225	225	305	305	385	455	535
355	400	100	190	190	280	280	370	370	480	510	600
400	450	110	210	210	310	310	410	410	510	565	665
450	500	110	220	220	330	330	440	440	550	625	735

工程技术 Engineering

振动和噪音

Vibration/Noise

Regarding vibration/noise performance, YW 100% inspects bearing vibration/noise in the dynamic condition with vibration meter. There are two types vibration meters, one is acceleration type, the other is velocity type. The general principal of velocity type vibration meter is quite similar to anderson meter. For the two types measurement, following standards are applied.

表1 振动加速度级限值 and 振动加速度级峰值限值 Vibration of a single bearing by acceleration(dB) 单位为分贝

轴承 公称 内径 d	0 直径系列								2 直径系列								3 直径系列																										
	diameter series								diameter series								diameter series																										
	Z	Z1	Z2	Z3	Z4	Zp3	Zp4	Z	Z1	Z2	Z3	Z4	Zp3	Zp4	Z	Z1	Z2	Z3	Z4	Zp3	Zp4	Z	Z1	Z2	Z3	Z4	Zp3	Zp4															
3	35	34	32	28	24	44	40	36	35	32	30	26	46	42	37	36	33	31	27	47	43	4	35	34	32	28	24	44	40	36	35	32	30	26	46	42	37	36	33	31	27	47	43
4	35	34	32	28	24	44	40	36	35	32	30	26	46	42	37	36	33	31	27	47	43	5	37	36	34	30	26	46	42	38	37	34	32	28	48	44	39	37	35	33	29	49	45
5	37	36	34	30	26	46	42	38	37	34	32	28	48	44	39	37	35	33	29	49	45	6	37	36	34	30	26	46	42	38	37	34	32	28	48	44	39	37	35	33	29	49	45
6	37	36	34	30	26	46	42	38	37	34	32	28	48	44	39	37	35	33	29	49	45	7	39	38	35	31	27	47	43	40	38	36	34	29	50	45	41	39	37	35	30	51	46
7	39	38	35	31	27	47	43	40	38	36	34	29	50	45	41	39	37	35	30	51	46	8	39	38	35	31	27	47	43	40	38	36	34	29	50	45	41	39	37	35	30	51	46
8	39	38	35	31	27	47	43	40	38	36	34	29	50	45	41	39	37	35	30	51	46	9	41	40	36	32	28	48	44	42	40	37	35	30	51	46	43	41	39	37	32	53	48
9	41	40	36	32	28	48	44	42	40	37	35	30	51	46	43	41	39	37	32	53	48	10	43	42	38	33	28	49	44	42	39	35	30	51	46	46	44	40	37	32	53	48	
10	43	42	38	33	28	49	44	42	39	35	30	51	46	46	44	40	37	32	53	48	12	44	43	39	34	29	50	45	45	43	39	35	30	51	46	47	45	40	37	32	53	48	
12	44	43	39	34	29	50	45	45	43	39	35	30	51	46	47	45	40	37	32	53	48	15	45	44	40	35	30	51	46	46	44	41	36	31	52	47	48	46	42	38	33	54	49
15	45	44	40	35	30	51	46	46	44	41	36	31	52	47	48	46	42	38	33	54	49	17	46	44	40	35	30	51	46	47	45	41	36	31	52	47	49	47	42	38	33	54	49
17	46	44	40	35	30	51	46	47	45	41	36	31	52	47	48	46	42	38	33	54	49	20	47	45	41	36	31	52	47	48	46	42	38	33	54	49	50	48	43	39	34	55	50
20	47	45	41	36	31	52	47	48	46	42	38	33	54	49	50	48	43	39	34	55	50	22	47	45	41	36	31	52	47	48	46	42	38	33	54	49	50	48	43	39	34	55	50
22	47	45	41	36	31	52	47	48	46	42	38	33	54	49	50	48	43	39	34	55	50	25	48	46	42	38	34	54	50	49	47	43	40	36	56	52	51	49	44	41	37	57	53
25	48	46	42	38	34	54	50	49	47	43	40	36	56	52	51	49	44	41	37	57	53	28	49	47	43	39	35	55	51	50	48	44	41	37	57	53	52	50	45	42	38	58	54
28	49	47	43	39	35	55	51	50	48	44	41	37	57	53	52	50	45	42	38	58	54	30	49	47	43	39	35	55	51	50	48	44	41	37	57	53	52	50	45	42	38	58	54
30	49	47	43	39	35	55	51	50	48	44	41	37	57	53	52	50	45	42	38	58	54	32	50	48	44	40	36	56	52	51	49	45	42	38	58	54	53	51	46	43	59	55	
32	50	48	44	40	36	56	52	51	49	45	42	38	58	54	53	51	46	43	59	55	35	51	49	45	41	37	57	53	52	50	46	43	39	59	55	54	52	47	44	40	60	56	
35	51	49	45	41	37	57	53	52	50	46	43	39	59	55	54	52	47	44	40	60	56	40	53	51	46	42	38	58	54	54	52	47	44	40	60	56	54	51	47	54	50		
40	53	51	46	42	38	58	54	54	52	47	44	40	60	56	56	54	49	45	41	61	57	45	55	53	48	45	42	61	58	56	51	47	44	40	61	57	54	51	47	54	50		
45	55	53	48	45	42	61	58	56	54	49	46	43	62	59	58	56	51	47	44	63	60	46	55	53	49	46	43	62	59	58	55	51	48	45	64	61	57	54	51	47	54	50	
50	57	51	50	47	44	63	60	58	55	51	48	45	64	61	60	57	53	49	46	65	62	47	56	54	50	47	44	64	61	60	57	53	49	46	65	62	57	54	51	47	54	50	
55	59	56	52	49	46	65	62	60	57	53	50	47	66	63	62	59	54	51	48	67	64	48	56	54	50	47	44	65	62	60	57	53	49	46	66	63	60	57	54	51	47	54	50
60	61	58	54	51	48	67	64	62	59	54	51	48	67	64	64	61	56	53	50	69	66	49	57	55	51	48	45	66	63	60	57	53	49	46	67	64	61	56	53	50	69	66	

表2 振动加速度级限值 Vibration of a single bearing by acceleration(dB) 单位为分贝

轴承 公称 内径 d	0 直径系列 diameter series				2 直径系列 diameter series				3 直径系列 diameter series			
	Z	Z1	Z2	Z3	Z	Z1	Z2	Z3	Z	Z1	Z2	Z3
65	49	48	46	41	50	49	47	42	51	50	48	43
70	50	49	47	42	51	50	48	43	52	51	49	44
75	51	50	48	43	52	51	49	44	53	52	50	45
80	52	51	49	44	53	52	50	45	54	53	51	46
85	53	52	50	45	54	53	51	46	56	55	52	47
90	54	53	52	47	56	55	53	48	58	57	54	49
95	56	55	54	49	58	57	55	50	60	59	56	51
100	58	57	56	51	60	59	57	52	62	61	58	53
105	60	59	58	53	62	61	59	54	64	63	60	55
110	62	61	60	55	64	63	61	56	66	65	62	57
120	64	63	62	57	66	65	63	58	68	67	64	59

工程技术 Engineering

振动和噪音

Vibration/Noise

表1 单个轴承振动（速度）限值 Vibration of a single bearing by velocity(um/s)

轴承公称内径 d/mm	V ⁽¹⁾			V1			V2			V3			V4		
	低限	中频	高频	低限	中频	高频	低限	中频	高频	低限	中频	高频	低限	中频	高频
3	80	44	44	60	35	32	48	26	22	31	16	15	28	10	10
4	80	44	44	60	35	32	48	26	22	31	16	15	28	10	10
5	110	72	60	74	48	40	58	36	30	21	18	32	11	11	11
6	110	72	60	74	48	40	58	36	30	21	18	32	11	11	11
7	130	96	80	92	66	54	72	48	40	44	28	24	38	12	12
8	130	96	80	92	66	54	72	48	40	44	28	24	38	12	12
9	130	96	80	92	66	54	72	48	40	44	28	24	38	12	12
10	160	120	100	120	80	70	90	60	50	55	35	30	45	14	15
12	160	120	100	120	80	70	90	60	50	55	35	30	45	14	15
15	210	120	120	150	100	85	110	78	60	65	46	35	52	18	18
17	210	150	120	150	100	85	110	78	60	65	46	35	52	25	25
20	260	190	150	180	125	100	130	100	75	80	60	45	60	25	25
22	260	190	150	180	125	100	130	100	75	80	60	45	60	30	32
25	260	190	150	180	125	100	130	100	75	80	60	45	60	30	32
28	260	190	150	180	125	100	130	100	75	80	60	45	60	35	40
30	300	240	190	200	150	130	150	120	100	90	75	60	70	35	40
32	300	240	190	200	150	130	150	120	100	90	75	60	70	35	40
35	300	240	190	200	150	130	150	120	100	90	75	60	70	42	45
40	360	300	260	240	180	160	180	150	130	110	90	80	82	50	50
45	360	300	260	240	180	160	180	150	130	110	90	80	82	60	60
50	420	320	320	280	200	210	160	160	125	100	100	95	70	70	70
55	420	360	360	280	220	200	210	180	180	125	110	110	95	70	70
60	480	360	440	320	220	240	210	180	200	145	110	130	100	80	80

1) 在轴承代号中不表示

表2 单个轴承振动（速度）限值 Vibration of a single bearing by velocity(um/s)

轴承公称内径 d/mm	V ⁽¹⁾			V1			V2			V3			V4		
	低限	中频	高频	低限	中频	高频	低限	中频	高频	低限	中频	高频	低限	中频	高频
65	300	260	420	180	160	240	130	100	150	105	80	105	50	50	75
70	360	310	460	200	180	280	150	120	200	110	90	135	58	58	88
75	360	310	460	200	180	280	150	120	200	110	90	135	58	58	88
80	420	360	540	240	210	320	180	120	240	130	110	160	65	65	100
85	420	360	540	240	210	320	180	120	240	130	110	160	65	65	100
90	480	420	600	290	250	370	210	180	270	145	125	190	75	75	115
95	480	420	600	290	250	370	210	180	270	145	125	190	75	75	115
100	560	490	670	340	300	420	250	215	310	170	145	200	88	88	135
105	560	490	670	340	300	420	250	215	310	170	145	200	88	88	135
110	640	570	750	400	350	480	290	260	350	190	175	225	100	100	160
120	640	570	750	400	350	480	290	260	350	190	175	225	100	100	160

1) 在轴承代号中不表示

工程技术 Engineering

润滑

润滑剂的选择

轴承类型和工作条件的复杂性决定了不可能有任何简单的选择合适润滑剂的包罗万象的指南。在设计阶段，首先要考虑的是对于某种特定的工作条件最合适的采用润滑油还是润滑脂。润滑油和润滑脂的优点概括在表1。如果轴承的热量需要不断带走，应该用润滑油；对于很高速度的应用场合，几乎总是首先选择润滑油。

表1

润滑油和润滑脂的优点

润滑油	润滑脂
从轴承中带走热量	简化密封设计，本身有密封作用
带走湿气和异常物质	可以密封轴承预润滑
容易控制	一般很少需要频繁加脂

油润滑

用于轴承的润滑油应是高质量的不易氧化的矿物性油。应根据轴承转速、负荷、工作温度和润滑方式来选择合适的润滑油。

润滑油可以用多种方式引入轴承，最通常的方式有：

- (1)油池 通常油位不应高于最低的流动体中心，如果速度很高，油位应控制得低以减少搅拌发热。
- (2)循环系统 典型的系统包括油箱、油泵、管路系统、过滤器，可能还需要冷却器。
- (3)油雾润滑 油雾润滑系统用于高速、连续工作的应用场合，这种系统可以精确控制到轴承的润滑油的量，通过监视轴承的工作温度来控制该系统。

润滑脂

润滑脂是一种固体到半流体产品，其中主要是在液体润滑剂中掺进离散分布的增稠剂，还可能包含某种特殊性质的其它成分。目前还没有一种已知的万能的轴承润滑脂。各种润滑脂都有某些有限的性能和特性。润滑脂在滚动轴承内的成功使用取决于润滑脂的物理化学性能，它们应适合于这种轴承，以及轴承的应用场合、安装条件和综合环境因素。

Lubrication

Lubrication Selection

The wide range of bearing types and operating conditions precludes any simple, all inclusive statement or guideline allowing the selection of the proper lubricant. At the design level, the first consideration is whether oil or grease is the best for the particular operation. The advantages of oil and grease are outlined in Table 1. Where heat must be carried away for the bearing, oil must be used, and it is nearly always preferred for very high speed applications.

Table 1

Advantages of Oil and Grease

Oil	Grease
Carries heat away from the bearings	Simplifies seal design and acts as a sealant
Carries away moisture and particular matter	Permits prelubrication of sealed or shielded bearings
Easily controlled lubrication	Generally requires less frequent lubrication

Oil Lubrication

Oil used for bearing lubrication should be high quality, non-oxidizing mineral oils. Selection of the proper type of oils depends on bearing speed, load, operating temperature, and method of lubrication.

Oil may be introduced to the bearing housing in many ways. The most common systems are:

- (1) Oil Bath Generally, the oil level should be no higher than the center point of the lowest rolling element. If speed is high, lower oil levels should be used to reduce churning.
- (2) Circulating System A typical circulating oil system consists of an oil reservoir, pump, piping, and filter. A cooler may be required.
- (3) Oil-Mist Lubrication Oil-mist lubrication systems are used in high speed, continuous operation applications. This system permits close control of the amount of lubricant reaching the bearings. Control of this type of lubrication system is accomplished by monitoring the operating temperatures of the bearings being lubricated.

Grease Lubrication

Lubricating grease is a solid to semi-fluid product of the dispersion of a thickening agent in a liquid lubricant, other ingredients imparting special properties may be included. At this time there is no known universal anti-friction bearing grease. Each individual grease has certain limiting properties and characteristics. The successful use of lubricating grease in roller bearings depends on the physical and chemical properties of the lubricant as they pertain to the bearing, its application, installation and general environmental factors.

工程技术 Engineering

润滑

低温

在低温条件下润滑的球轴承的启动力矩是很关键的。有些润滑脂在轴承运转中能正常发挥作用。但是在开始运转时启动力矩过大。某些小型机械在很寒冷时不能启动。在这种工作环境下一般要求润滑脂含有低温特性油成分。

高温

现代润滑脂的高温限制一般是流体的热稳定性和氧化稳定性以及抗氧化能力。从多年对脂润滑的轴承试验所得出的经验规律表明，每增加摄氏14度润滑脂寿命减少一半。在不可不重新加脂的场合，工作在摄氏121度的轴承需要高度精炼的矿物油或化学性质稳定的合成流体作为润滑脂内的油成分。

潮湿条件

水和湿气特别能引起轴承失效。润滑脂能够提供一种防止这种污染的方法。某些润滑脂，如钙基、锂基和非皂类润滑脂，都是高度防水的。

轴承和轴承组件的脂润滑

应该根据在工作温度下润滑脂的稠度小心地选择润滑脂。它不应该出现任何明显的稠化、油分离、酸化或变硬。它应该是非常细腻、无纤维。完全无活化化学元素，它的滴点应相当多地超过工作温度。

摩擦力矩受到所加的润滑脂的品质和数量的影响。过量的润滑脂会引起搅拌发热，导致高温，脂成分分离和失去润滑作用。对于通常速度的应用场合，轴承内应大约保持1/3到1/2空间的润滑脂填充量。应定期重新加脂以防止轴承损坏。

Lubrication

Low Temperatures

Starting torque in a grease lubricated ball bearing at low temperatures can be critical. Some greases may function adequately as long as the bearing is operating, but resistance to initial movement is such that the starting torque is excessive. In certain smaller machines, starting is an impossibility when very cold. Under such operating circumstances the greases containing low temperature characteristic oils are generally required.

High Temperatures

The high temperature limit for modern grease is generally a function of the thermal and oxidation stability of the fluid and the effectiveness of the oxidation inhibitors. A rule of thumb, developed from years of testing grease lubricated bearings, indicates that grease life is halved for every 25°F (14°C) increase in temperature. In non-relubricatable applications highly refined mineral oils or chemically stable synthetic fluids are required as the oil component of greases for operation at temperatures above 2500 F (121°C).

Wet Conditions

Water and moisture can be particularly conducive to bearing failure. Lubricating greases may provide a measure of protection from this contamination. Certain greases, the calcium, lithium and non-soap type, for example, are highly water resistant.

Grease Lubrication for Bearing/Housing Assemblies

The grease must be carefully selected with regard to its consistency at operating temperature. It should not exhibit thickening, separation of oil, acid formation or hardening to any marked degree. It should be smooth, non-fibrous, and entirely free from chemically active ingredients. Its melting point should be considerably higher than the operating temperature.

Frictional torque is influenced by the quantity and the quality of lubricant present. Excessive quantities of grease cause churning. This results in excessive temperatures, separation of the grease components, and break down in lubrication values. On normal speed applications the housings should be kept approximately 1/3 to 1/2 full. Re-lubricate at regular intervals to prevent damage to the bearing.

工程技术 Engineering

润滑 Lubrication

常用油脂 Popular Grease Used

Mfg 生产商	Brand 油脂品牌	Thickener 增稠剂	Base Oil 基油	Drop Point C 滴点	Consistency 稠度	Operation temperature range C 工作温度范围	Application 适用范围
Exxon 埃克森	Beacon325	Lithium	Diester	193	290	-60~+120	Low Temp
	Andar8	Nathium	Mineral	260	260	-40~+120	General Purpose
	AndarAC	Nathium	Mineral	>260	205	-20~+120	General Purpose
	Andak260	Nathium	Mineral	200	250	-30~+120	General Purpose
Kyodo Yushi 协同	Multiplex P52	Lithium	Diester	189	280	-50~+120	Low Temp
	Multiplex SRL	Lithium	Ester	191	245	-40~+120	Low Noise
	Multiplex SRH	Lithium	Ester	250	201	-40~+120	Low Temp
	Multiplex SB-M	Diurea	Synthetic oil	220	260	-40~+120	High Speed/Temp
Klüber 克鲁伯	ET-K	Diurea	Synthetic oil/ester	260	300	-40~+120	High Temp/Speed Alternator
	Asonic GLY32	Lithium	Synthetic	190	265-295	-50~+140	Low Temp
	Asonic GLY72	Polyhamstoff	Ester Mineral	250	250-280	-40~+180	High Temp/Low Noise
	Isorefex Super LDS18	Lithium	Diester	190	280	-60~+130	Low Temp
Dow Corning 道康宁	Isorefex LDS18 Special A	Lithium	Diester	190	280	-60~+130	Low Temp
	Isorefex Topas N852	Barium	Synthetic hydrocarbon	204	280	-60~+170	Low/High Temp
	Barrierta L55/2	PTFE	Fluorinated		280	-35~+260	Low/High Temp
	Barrierta TK4N22	Na-Komplex	Silicone			-60~+230	Low/High Temp
Shell 壳牌	Isorefex NCA15	Special Ca	Ester Mineral	180	265-295	-40~+130	High Speed
	Asonic HQ72-102	Urea	Ester	240	250-280	-40~+180	Low/High Temp & Low Noise
	Molukote 33M	Lithium	Silicone	210	260	-70~+180	Low/High Temp
	Molukote 44M	Lithium	Silicone	204	260	-40~+200	High Temp
Mobil Oil 美孚	Molukote 55M	Lithium	Silicone			-55~+165	Low Temp
	Molukote BR2 plus	Lithium	Mineral		280	-30~+150	High Speed
	Molukote FS1292	PTFE	Phenoliscosion	>232	310	-40~+200	High Speed
	Molukote FS3451	PTFE	Phenoliscosion	>260	285	-40~+230	Solvent Resistant
DuPont 杜邦	Alvania No.2	Lithium	Mineral	182	272	-25~+120	General Purpose
	Alvania No.3	Lithium	Mineral	183	233	-20~+135	General Purpose
	Alvania RA	Lithium	Mineral	183	252	-25~+120	General Purpose
	Alvania EP2	Lithium	Mineral	185	276	-10~+100	General Purpose
Callex 加德士	Dolium R	Mineral	Mineral	238	281	-20~+140	General Purpose
	Aero Shell NO.5	Microgel	Mineral	>260	282	-10~+130	General Purpose
	Aero Shell NO.7	Microgel	Mineral	>260	288	-70~+150	Low Temp
	Aero Shell LRQ2	Lithium	Mineral	195	266	-50~+150	Low Noise /High Temp
Hangou 汉沽	Mobilux2	Lithium	Mineral	190	280	-20~+120	General Purpose
	Mobil 22	Lithium	Diester Mineral	192	274	-50~+140	Low Temp
	Mobil 28	Bentonite	Synthetic Hydrocarbon	>260	280	-60~+180	Low High Temp
	Mobiltemp SHC 22	Glu-earth	Synthetic oil	250	265-295	-50~+180	High Speed/Temp
Hangou 汉沽	Mobiltemp SHC 100	Glu-earth	Synthetic oil	250	265-295	-40~+200	High Speed/Temp
	Krytox 240AC	PTFE	Fluorinated		282	-35~+280	High Temp
	Chevron SRI-2	Urea	Mineral		293	-30~+175	High Temp
	Hangou#2	-	Mineral	-	-	-20~+120	General Purpose

工程技术 Engineering

防尘盖/密封圈 分类和特性

Shield/seal classification & characteristics

1. 轴承结构 Bearing Structure

防尘盖型 Shielded			
密封圈, 非接触式型 Sealed, Non-contact			
密封圈, 接触式型 Sealed, contact			
防尘盖/密封圈类型 Shield/Seal Type 内圈结构 Inner Ring Design	开式结构 Flat Inner Ring	台阶结构 Stepped Inner Ring	迷宫结构 Labyrinth Grooved Inner Ring

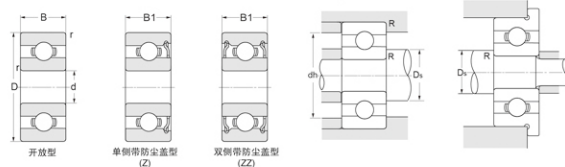
2. 特性 Characteristics

防尘盖/密封圈类型 Shield / Seal Type	特性 Characteristics	低摩擦 Low Friction	高转速 High Speeds	油脂张力 Grease Retention	防尘能力 Dust Exclusion	防水能力 Water Exclusion	温度范围 Temperature Range
ZZ/ZZT		+++	+++	+	+	-	受使用油脂限制 Limited By Grease Used
ZZM		+++	+++	+(+)	+(+)	-	
2RZ/2RZT		++(+)	++(+)	++	++	-	张使用油脂和密封 圈材料限制 Limited By Grease Used And Seal Material
2RDD		++(+)	++(+)	++(+)	++(+)	-	
2RSR/2RST		-	-	+++	+++	+	
2RK		-	-	+++(+)	+++(+)	+(+)	
符号含义: +++非常适宜 ++中等适宜 +适宜 -不适宜 Symbols: +++ Very Suitable ++ Moderately Suitable + Suitable - Unsuitable							

微小球轴承
Miniature Ball Bearings

YW & YWB

微小型球轴承 Miniature Ball Bearings



轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions				基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (g) Weight
	d	D	B	rsmin	Cr	Cor	Grease 脂	Oil 油	
683	3	7	2	0.1	390	130	58000	68000	0.33
693	3	8	3	0.15	560	180	54000	63000	0.61
603	3	9	3	0.15	635	219	50000	59000	0.92
623	3	10	4	0.15	640	224	50000	58000	1.6
684	4	9	2.5	0.1	640	224	49000	57000	0.67
694	4	11	4	0.15	715	276	45000	52000	1.8
604	4	12	4	0.2	970	360	43000	51000	2.1
624	4	13	5	0.2	1310	490	42000	49000	3.2
685	5	11	3	5	715	282	43000	51000	1.1
695	5	13	4	4	1080	430	40000	47000	2.4
605	5	14	5	5	1330	505	39000	46000	3.5
625	5	16	5	5	1760	680	37000	44000	4.8
686	6	13	3.5	5	1080	440	39000	46000	1.9
696	6	15	5	5	1350	530	37000	44000	3.8
606	6	17	6	6	2190	865	35000	42000	60
626	6	19	6	6	2340	885	34000	40000	8.1
687	7	14	3.5	5	1170	510	37000	44000	2.1
697	7	17	5	5	1610	715	35000	41000	5.2
607	7	19	6	6	2240	910	34000	40000	8.0
627	7	22	7	7	3350	1400	32000	37000	13
688	8	16	4	5	1260	585	35000	41000	3.1
698	8	19	6	6	1990	865	33000	39000	7.3
608	8	22	7	7	3350	1400	32000	37000	12
628	8	24	8	8	4000	1590	31000	36000	17
679	9	14	3	4.5	920	465	36000	42000	1.4
689	9	17	4	5	1720	820	33000	39000	3.2
699	9	20	6	6	2480	1090	32000	38000	8.2
609	9	24	7	7	3400	1450	31000	36000	14
629	9	26	8	8	4550	1960	30000	35000	20

注 1) 是图例的最小允许尺寸

深沟球轴承
Deep groove ball bearings



YW & YWB

深沟球轴承 Deep groove ball bearings

62152RSZ2P5

Type code: 6 类型代号: 6

Size Designation:

- (1)0: Width series number 1 is omitted which equals 100 in original designation
 (1)2: Width series number 0 is omitted which equals 200 in original designation
 (1)3: Width series number 0 is omitted which equals 300 in original designation
 (1)3: Width series number 0 is omitted which equals 400 in original designation

尺寸系列代号:

- (1)0: 宽度系列号1省略, 相当于原代号100
 (0)2: 宽度系列号0省略, 相当于原代号200
 (0)3: 宽度系列号0省略, 相当于原代号300
 (0)4: 宽度系列号0省略, 相当于原代号400

I.D	00 10mm	内径尺寸: 00 10mm
	01 12mm	01 12mm
	02 15mm	02 15mm
	03 17mm	03 17mm
	04 4 x 5 = 20mm	04 4 x 5 = 20mm
	05 5 x 5 = 25mm	05 5 x 5 = 25mm
		

- RS: One contact seal
 -2RS: Two contact seals
 -RZ: One non-contact seal
 -2RZ: Two non-contact seals
 -Z: One shield
 -2Z: Two shields
 N: Snap ring groove on the outer ring
 M: Solid brass retainer

- RS: 一面带接触式橡胶密封圈
 -2RS: 二面带接触式橡胶密封圈
 -RZ: 一面带非接触式橡胶密封圈
 -2RZ: 二面带非接触式橡胶密封圈
 -Z: 一面防尘盖
 -2Z: 二面防尘盖
 N: 外圈上有止动槽
 M: 实体黄铜保持架

- /Z: Maximum vibration acceleration
 /Z1: Adhere to vibration value of Z1
 /Z2: Adhere to vibration value of Z2
 /Z3: Adhere to vibration value of Z3

Tolerance Grade

- /P0: Equals to original precision G, omissible
 /P6: Equals to original precision E
 /P5: Equals to original precision D
 /P4: Equals to original precision C
 /P2: Equals to original precision B

C0, C2, C3, C4, C5 clearance codes, reference to page 7 for detail data
 S0, S1, S2, S3, S4 means the same working temperature as that of Self-aligning Roller Bearings

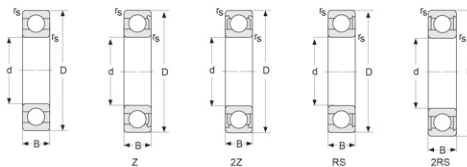
- /Z: 轴承的振动值加速度极值
 /Z1: 振动值符合标准规定的Z1组
 /Z2: 振动值符合标准规定的Z2组
 /Z3: 振动值符合标准规定的Z3组

轴承公差等级

- /P0: 相当于原代号G级, 可省略
 /P6: 相当于原代号E级
 /P5: 相当于原代号D级
 /P4: 相当于原代号C级
 /P2: 相当于原代号B级

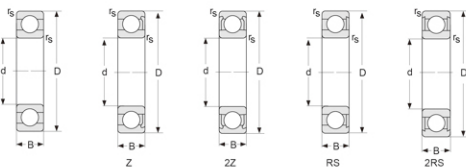
C0, C2, C3, C4, C5 为游隙代号
 S0, S1, S2, S3, S4 的工作温度的含义与调心滚子轴承相同

深沟球轴承 Deep groove ball bearings



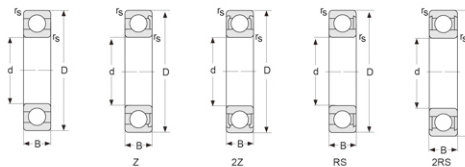
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions				基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	r _{min}	Cr	Cor	Grease 脂	Oil 油	
61800	10	19	5	0.3	1.73	0.83	34,000	40,000	0.005
61900	10	22	6	0.3	2.7	1.27	32,000	38,000	0.009
6000	10	26	8	0.3	4.55	1.96	28,000	34,000	0.019
16100	10	28	8	0.3	4.55	1.96	26,000	32,000	0.023
6200	10	30	9	0.6	6	2.6	26,000	32,000	0.03
62200	10	30	14	0.6	6	2.6	-	-	0.045
6300	10	35	11	0.6	8.15	3.45	22,000	28,000	0.054
16801	12	21	5	0.3	1.8	0.95	32,000	38,000	0.006
61901	12	24	6	0.3	2.89	1.46	30,000	36,000	0.010
6001	12	28	8	0.3	5.1	2.36	26,000	32,000	0.021
16101	12	30	8	0.3	5.1	2.36	26,000	32,000	0.026
6201	12	32	10	0.6	6.95	3.1	24,000	30,000	0.035
62201	12	32	14	0.6	6.95	3.1	-	-	0.049
6301	12	32	12	1	9.65	4.15	20,000	26,000	0.061
16802	15	24	5	0.3	2.08	1.25	30,000	36,000	0.007
61902	15	28	7	0.3	4.35	2.26	26,000	30,000	0.017
16002	15	32	8	0.3	5.6	2.85	24,000	30,000	0.027
6002	15	32	9	0.3	5.6	2.85	24,000	30,000	0.029
6202	15	35	11	0.6	7.8	3.75	20,000	26,000	0.043
62202	15	35	14	0.6	7.8	3.75	-	-	0.053
6302	15	42	13	1	11.4	5.4	18,000	22,000	0.085
62302	15	42	17	1	11.4	5.4	-	-	0.108
61803	17	26	5	0.3	2.24	1.46	28,000	34,000	0.008
61903	17	30	7	0.3	4.6	2.55	24,000	28,000	0.017
16003	17	35	8	0.3	6	3.25	22,000	28,000	0.032
6003	17	35	10	0.3	6	3.25	22,000	28,000	0.037
6203	17	40	12	0.6	9.5	4.75	18,000	22,000	0.063
62203	17	40	16	0.6	9.5	4.75	-	-	0.082
6303	17	47	14	1	13.4	6.55	16,000	19,000	0.111
62303	17	47	19	1	13.4	6.55	-	-	0.146
6403	17	62	17	1.1	23.6	11	12,000	15,000	0.273
16804	20	32	7	0.3	3.45	2.24	22,000	28,000	0.018
61904	20	37	9	0.3	6.4	3.7	19,000	22,000	0.037
16004	20	42	8	0.3	6.95	4.05	18,000	22,000	0.049

深沟球轴承 Deep groove ball bearings



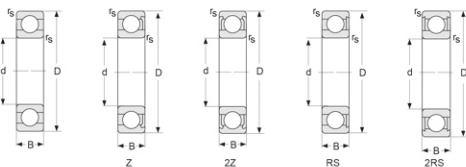
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions				基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	rsmin	Cr	Cor	Grease 脂	Oil 油	
6004	20	42	12	0.6	9.3	5	17 000	20 000	0.065
6104	20	47	14	1	12.7	6.55	15 000	18 000	0.105
6204	20	47	18	1	12.7	6.55	-	-	0.131
6304	20	52	15	1	17.3	8.5	14 000	17 000	0.148
62304	20	52	21	1.1	17.3	8.5	-	-	0.197
6404	20	72	19	1.1	30.5	15	10 000	13 000	0.413
61805	25	37	7	0.3	3.8	2.8	19 000	24 000	0.021
61905	25	42	9	0.3	7.05	4.55	16 000	19 000	0.042
16005	25	47	8	0.3	7.2	4.65	16 000	19 000	0.056
6005	25	47	12	0.6	10	5.85	15 000	18 000	0.077
6205	25	52	15	1	14.3	8	14 000	17 000	0.125
62205	25	52	18	1	14.3	8	-	-	0.148
6305	25	62	17	1.1	22.4	11.4	11 000	14 000	0.232
62305	25	62	24	1.1	22.4	11.4	-	-	0.317
6405	25	80	21	1.5	36	19.3	9 000	11 000	0.547
61806	30	42	7	0.3	4.15	3.35	16 000	19 000	0.025
61906	30	47	9	0.3	7.25	5	14 000	17 000	0.052
16006	30	55	9	0.3	11.2	7.35	13 000	16 000	0.084
6006	30	55	13	1	12.7	8	13 000	16 000	0.115
6206	30	62	16	1	19.3	11.2	11 000	14 000	0.192
62206	30	62	20	1	19.3	11.2	-	-	0.236
6306	30	72	19	1.1	29	16.3	9 500	12 000	0.348
62306	30	72	27	1.1	29	16.3	-	-	0.473
6406	30	90	23	1.5	42.5	23.3	8 000	9 500	0.74
61807	35	47	7	0.3	4.3	3.6	14 000	17 000	0.028
61907	35	55	10	0.6	10.6	7.25	12 000	15 000	0.075
16007	35	62	9	0.3	12.2	8.8	11 000	14 000	0.107
6007	35	62	14	1	16.3	10.4	11 000	14 000	0.151
6207	35	72	17	1.1	25.5	15.3	9 500	12 000	0.288
62207	35	72	23	1.1	25.5	15.3	-	-	0.375
6307	35	80	21	1.5	33.5	19	8 500	10 000	0.458
62307	35	80	31	1.5	33.5	19	-	-	0.658
6407	35	100	25	1.5	55	31	6 700	8 000	0.972
61808	40	52	7	0.3	4.65	4.25	13 000	16 000	0.032
61908	40	62	12	0.6	13.7	10	11 000	13 000	0.112
16008	40	68	9	0.3	13.2	10.2	10 000	13 000	0.126
6008	40	68	15	1	17	11.8	10 000	13 000	0.188
6208	40	80	18	1.1	29	18	8 500	10 000	0.366

深沟球轴承 Deep groove ball bearings



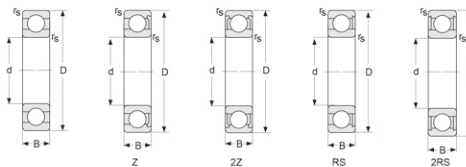
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions				基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	rsmin	Cr	Cor	Grease 脂	Oil 油	
62208	40	80	23	1.1	29	18	-	-	0.46
6308	40	90	23	1.5	42.5	25	7 500	9 000	0.632
62308	40	90	33	1.5	42.5	25	-	-	0.874
6408	40	110	27	2	63	36.5	6 300	7 500	1.26
61809	45	58	7	0.3	6.4	5.6	11 000	14 000	0.036
61909	45	68	12	0.6	14.1	10.9	9 500	11 000	0.126
16009	45	75	10	0.6	15.6	12.2	9 000	12 000	0.168
6009	45	75	16	1	20	14.3	9 000	11 000	0.231
6209	45	85	19	1.1	32.5	20.4	8 000	9 500	0.405
62209	45	85	23	1.1	32.5	20.4	-	-	0.481
6309	45	100	25	1.5	53	32	6 700	8 000	0.848
62309	45	100	36	1.5	53	32	-	-	1.18
6409	45	120	29	2	76.5	45	5 600	6 700	1.57
61810	50	65	7	0.3	6.8	6.3	10 000	13 000	0.05
61910	50	72	12	0.6	14.5	11.7	9 000	11 000	0.135
16010	50	80	10	0.6	16	13.2	8 500	10 000	0.18
6010	50	80	16	1	20.8	15.6	8 500	10 000	0.261
6210	50	90	20	1.1	36.5	24	7 500	9 000	0.453
62210	50	90	23	1.1	36.5	24	-	-	0.514
6310	50	110	27	2	62	38	6 000	7 000	1.1
62310	50	110	40	2	62	38	-	-	1.65
6410	50	130	31	2.1	86.5	52	5 000	6 000	1.95
61811	55	72	9	0.3	9	8.5	9 000	11 000	0.079
61911	55	80	13	1	16	13.3	8 000	9 500	0.189
16011	55	90	11	0.6	19.3	16.3	7 500	9 000	0.263
6011	55	90	18	1.1	28.5	21.2	7 500	9 000	0.377
6211	55	100	21	1.5	43	29	6 700	8 000	0.607
6311	55	120	29	2	76.5	47.5	5 300	6 300	1.39
6411	55	140	33	2.1	100	62	4 800	5 600	2.36
61812	60	78	10	0.3	11.8	11	8 500	10 000	0.103
61912	60	85	13	1	19.4	16.3	7 500	9 000	0.192
16012	60	95	11	0.6	20	17.6	7 000	8 500	0.279
6012	60	95	18	1.1	29	23.2	7 000	8 500	0.41
6212	60	110	22	1.5	52	36	6 000	7 000	0.783
6312	60	130	31	2.1	81.5	52	5 000	6 000	1.72
6412	60	150	35	2.1	110	69.5	4 300	5 000	2.87
61813	65	85	10	0.6	12.2	12	7 500	9 000	0.121
61913	65	90	13	1	17.4	16.1	7 100	8 500	0.218

深沟球轴承 Deep groove ball bearings



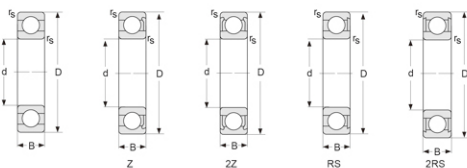
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions				基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	rsmin	Cr	Cor	Grease 脂	Oil 油	
16013	65	100	11	0.6	21.2	19.6	6.700	8.000	0.298
6013	65	100	18	1.1	30.5	25	6.300	7.500	0.436
6213	65	120	23	1.5	60	41.5	5.300	6.300	0.982
6313	65	140	33	2.1	93	60	4.500	5.300	2.13
6413	65	160	37	2.1	118	78	4.000	4.800	3.42
161814	70	90	10	0.6	12.5	12.5	7.000	8.500	0.131
61914	70	100	16	1	23.7	21.2	6.300	7.500	0.349
16014	70	110	13	0.6	28	25	6.000	7.000	0.434
6014	70	110	20	1.1	39	31.5	6.000	7.000	0.604
6214	70	125	24	1.5	62	44	5.000	6.000	1.08
6314	70	150	35	2.1	104	68	4.300	5.000	2.63
6414	70	180	42	3	143	104	3.600	4.300	5.09
61815	75	95	10	0.6	12.9	13.4	6.700	8.000	0.139
61915	75	105	16	1	24.4	22.6	6.000	7.100	0.364
16015	75	115	13	0.6	28.5	27	5.600	6.700	0.456
6015	75	115	20	1.1	40	34	5.600	6.700	0.643
6215	75	130	25	1.5	65.5	49	4.800	5.600	1.21
6315	75	160	37	2.1	114	76.5	4.000	4.800	3.12
6415M	75	190	45	3	153	114	3.400	4.000	6.87
61816	80	100	10	0.6	12.9	13.7	6.300	7.500	0.147
61916	80	110	16	1	25	24	5.600	6.700	0.391
16016	80	125	14	0.6	32	31	5.300	6.300	0.615
6016	80	125	22	1.1	47.5	40	5.000	6.000	0.85
6216	80	140	26	2	72	53	4.500	5.300	1.42
6316	80	170	39	2.1	122	86.5	3.800	4.500	3.73
6416M	80	200	48	3	163	125	3.200	3.800	8.07
61817	85	110	13	1	19.3	20	5.600	6.700	0.254
61917	85	120	18	1.1	32	29.6	5.300	6.300	0.55
16017	85	130	14	0.6	34	33.5	5.000	6.000	0.641
6017	85	130	22	1.1	50	43	4.800	5.600	0.895
6217	85	150	28	2	83	64	4.300	5.000	1.82
6317	85	180	41	3	125	88	3.400	4.000	4.24
6417M	85	210	52	4	173	137	3.000	3.600	9.56
61818	90	115	13	1	19.8	20.4	5.300	6.300	0.253
61918	90	125	18	1.1	33	31.5	5.000	6.000	0.585
16018	90	140	16	1	41.5	39	4.500	5.300	0.895
6018	90	140	24	1.5	58.5	50	4.500	5.300	1.18
6218	90	160	30	2	96.5	72	3.800	4.500	2.2

深沟球轴承 Deep groove ball bearings



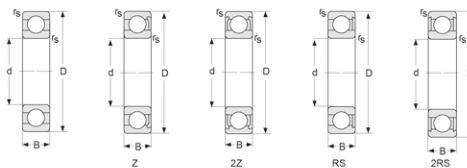
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions				基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	rsmin	Cr	Cor	Grease 脂	Oil 油	
6318	90	190	43	3	134	102	3.400	4.000	5.27
6418M	90	225	54	4	196	163	2.800	3.400	11.6
61819	95	120	13	1	20	21.2	5.000	6.000	0.266
61919	95	130	18	1.1	33.5	33.5	4.800	5.600	0.601
16019	95	145	16	1	40	40.5	4.500	5.300	0.905
6019	95	145	24	1.5	60	54	4.300	5.000	1.21
6219	95	170	32	2.1	108	81.5	3.600	4.300	2.67
6319	95	200	45	3	143	112	3.200	3.800	6.14
61820	100	125	13	1	20	22	4.800	5.600	0.282
61920	100	140	20	1.1	43	42	4.500	5.300	0.828
16020	100	150	16	1	44	44	4.300	5.000	0.929
6020	100	150	24	1.5	60	54	4.000	4.800	1.26
6220	100	180	34	2.1	122	93	3.400	4.000	3.22
6320	100	215	47	3	163	134	3.000	3.600	7.56
16021	105	160	18	1	54	54	4.000	4.800	1.22
6021	105	160	26	2	71	64	3.800	4.500	1.58
6221	105	190	36	2.1	132	104	3.200	3.800	3.86
6321	105	225	49	3	173	146	2.800	3.400	8.63
61822	110	140	16	1	28	30.5	4.500	5.300	0.502
61922	110	150	20	1.1	43.5	44.5	4.300	5.000	0.893
16022	110	170	19	1	57	57	3.800	4.500	1.49
6022	110	170	28	2	80	71	3.600	4.300	1.97
6222	110	200	38	2.1	143	116	3.000	3.600	4.57
6322	110	240	50	3	190	166	2.600	3.200	10.3
61824	120	150	16	1	29	32.5	4.000	4.800	0.542
61924	120	165	22	1.1	53	54	3.800	4.500	1.21
16024	120	180	19	1	61	64	3.400	4.000	1.6
6024	120	180	28	2	83	78	3.400	4.000	2.11
6224	120	215	40	2.1	146	122	2.800	3.400	5.6
6324	120	260	55	3	212	190	2.400	3.000	12.8
61826	130	165	18	1.1	38	43	3.600	4.300	0.774
61926	130	180	24	1.5	65	67.5	3.400	4.000	1.57
16026	130	200	22	1.1	78	81.5	3.200	3.800	2.42
6026	130	200	33	2	104	100	3.000	3.600	3.27
6226	130	230	40	3	166	146	2.600	3.200	6.22
6326M	130	280	58	4	228	216	2.200	2.800	18.2
61828	140	175	18	1.1	39	46.5	3.400	4.000	0.828
61928	140	190	24	1.5	66.5	72	3.200	3.800	1.67

深沟球轴承 Deep groove ball bearings



轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions				基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	rsmin	Cr	Cor	Grease 脂	Oil 油	
16028	140	210	22	1.1	80	86.5	3.000	3.600	2.53
6028	140	210	33	2	108	108	2.800	3.400	3.53
6228	140	250	42	3	176	166	2.400	3.000	8.04
6328M	140	300	62	4	255	245	2.000	2.600	22.1
61830	150	190	20	1.1	51	60	3.200	3.800	1.12
61930	150	210	28	2	85	90.5	2.600	3.200	3.01
16030	150	225	24	1.1	91.5	98	2.800	3.400	3.12
6030	150	225	35	2.1	122	125	2.600	3.200	4.32
6230	150	270	45	3	176	170	2.200	2.800	10.3
6330M	150	320	65	4	285	300	1.900	2.400	26.6
61832	160	200	20	1.1	52	62	3.000	3.600	1.19
61932	160	220	28	2	87	96	2.600	3.000	2.71
16032	160	240	25	1.5	102	114	2.600	3.200	3.77
6032M	160	240	38	2.1	140	140	2.400	3.000	6.26
6232M	160	290	48	3	200	204	2.200	2.800	14.3
6332M	160	340	68	4	300	325	1.800	2.200	31.5
61834	170	215	22	1.1	62	73.5	2.800	3.400	1.56
61934	170	230	28	2	86	97	2.400	2.800	3.34
16034	170	260	28	1.5	122	137	2.400	3.000	5.13
6034	170	260	42	2.1	170	173	2.200	2.800	7.09
6234M	170	310	52	4	212	224	2.000	2.600	17.7
6334M	170	360	72	4	325	365	1.700	2.000	37
61836	180	225	22	1.1	62	76.5	2.600	3.200	1.65
61936	180	250	33	2	119	128	2.200	2.600	4.16
16036	180	280	31	2	140	146	2.200	2.800	6.66
6036M	180	280	46	2.1	186	196	2.200	2.800	11
6236M	180	320	52	4	224	245	1.900	2.400	18.3
6336M	180	380	75	4	355	405	1.600	1.900	43.3
61838	190	240	24	1.5	67	81.5	2.400	3.000	2.12
61938	190	260	33	2	113	127	2.200	2.600	5.18
16038	190	290	31	2	150	166	2.000	2.600	7.09
6038M	190	290	46	2.1	196	212	2.000	2.600	10.6
6238M	190	340	55	4	255	280	1.800	2.200	22.2
6338M	190	400	78	5	375	440	1.500	1.800	50
61840M	200	250	24	1.5	68	85	2.400	3.000	2.79
61940	200	280	38	2.1	143	158	2.000	2.400	7.28
16040	200	310	34	2	170	190	2.000	2.600	9.11
6040M	200	310	51	2.1	212	240	1.900	2.400	13.7

深沟球轴承 Deep groove ball bearings



轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions				基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	rsmin	Cr	Cor	Grease 脂	Oil 油	
6240M	200	360	58	4	270	310	1.700	2.000	26.5
6340M	200	420	80	5	380	465	1.400	1.700	56.6
61844M	220	270	24	1.5	73.5	96.5	2.200	2.800	2.88
61944	220	300	38	2.1	146	169	1.800	2.200	7.88
16044	220	340	37	2.1	200	240	1.800	2.200	12
6044M	220	340	56	3	245	290	1.700	2.000	18
6244M	220	400	65	4	300	355	1.500	1.800	36.9
6344M	220	460	88	5	430	550	1.300	1.600	74.5
61848M	240	300	28	2	91.5	120	1.900	2.400	4.8
61948	240	320	38	2.1	154	190	1.700	2.000	8.49
16048	240	360	37	2.1	204	255	1.600	1.900	14.2
6048M	240	360	56	3	255	315	1.600	1.900	19.9
6248M	240	440	72	4	360	475	1.400	1.700	50.2
6348M	240	500	95	5	465	620	1.200	1.500	96
61852M	260	320	28	2	95	127	1.800	2.200	4.77
61952	260	360	46	2.1	204	255	1.500	1.800	14
16052	260	400	44	3	236	310	1.500	1.800	21.2
6052M	260	400	65	4	300	390	1.400	1.700	31.1
6252M	260	480	80	5	405	560	1.200	1.500	66.6
61856M	280	350	33	2	125	170	1.600	1.900	7.63
61956	280	380	46	2.1	209	272	1.400	1.700	15.1
16056M	280	420	44	3	240	325	1.400	1.700	23.1
6056M	280	420	65	4	310	425	1.400	1.700	33
6256M	280	500	80	5	425	600	1.200	1.500	70

角接触轴承 Angular contact ball bearings

角接触轴承 Angular contact ball bearings



7004CP5

Type code: 7 类型代号: 7

Size Designation:

- (1) 0: Width series number 1 is omitted which equals 100 in original designation
- (1) 2 0: is omitted which equals 200 in original Width series number designation
- (0) 3: Width series number 0 is omitted which equals 300 in original designation
- (0) 4: Width series number 0 is omitted which equals 400 in original designation

尺寸系列代号

- (1) 0: 宽度系列号1省略, 相当于原代号100
- (0) 2: 宽度系列号0省略, 相当于原代号200
- (0) 3: 宽度系列号0省略, 相当于原代号300
- (0) 4: 宽度系列号0省略, 相当于原代号400

I.D.	00 10mm	内径尺寸: 00 10mm
	01 12mm	01 12mm
	02 15mm	02 15mm
	03 17mm	03 17mm
	04 4 x 5 = 20mm	04 4 x 5 = 20mm
	05 5 x 5 = 25mm	05 5 x 5 = 25mm
		

Mounting

- /DB: mount in duplex, back to back
- /DF: mount in duplex, face to face
- /DT: mount in duplex, tandem

P6,P5 universal match

P0, P6, P5, P4, P2 means the same precision grade as Deep Groove Ball Bearings

配置组中轴承排列

- /DB: 成对轴承背对背安装
- /DF: 成对轴承面对面安装
- /DT: 成对轴承串联安装

P6,P5 万能配对

P0, P6, P5, P4, P2 差等级代号的含义与深沟球轴承相同

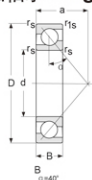
Internal Structure And Retainer Material Modification

- C: nominal contact angle $\alpha = 15^\circ$
- AC: nominal contact angle $\alpha = 25^\circ$
- B: nominal contact angle $\alpha = 40^\circ$
- M: solid brass retainer

内部结构或保持架材料改变

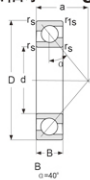
- C: 轴承公称接触角 $\alpha = 15^\circ$
- AC: 轴承公称接触角 $\alpha = 25^\circ$
- B: 轴承公称接触角 $\alpha = 40^\circ$
- M: 实体黄铜保持架

角接触轴承 Angular contact ball bearings



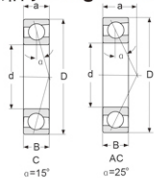
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions						基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	r _{sm}	r _{1sm}	a	C _r	C _{or}	Grease 脂	Oil 油	
7200B	10	30	9	0.6	0.3	13	5	2.5	22,000	32,000	0.032
7201B	12	32	10	0.6	0.3	14	6.95	3.4	19,000	28,000	0.036
7301B	12	37	12	1	0.6	16	10.6	5	17,000	24,000	0.06
7202B	15	35	11	0.6	0.3	16	8	4.3	17,000	24,000	0.045
7302B	15	42	13	1	0.6	18	12.9	6.55	15,000	20,000	0.084
7203B	17	40	12	0.6	0.6	18	10	5.5	15,000	20,000	0.067
7303B	17	47	14	1	0.6	20	16	8.3	13,000	18,000	0.113
7204B	20	47	14	1	0.6	21	13.4	7.65	13,000	18,000	0.107
7304B	20	52	15	1.1	0.6	23	19	10.4	12,000	17,000	0.146
7205B	25	52	15	1	0.6	24	14.6	9.3	11,000	16,000	0.131
7305B	25	62	17	1.1	0.6	27	26	15	9,500	14,000	0.229
7206B	30	62	16	1	0.6	27	20.4	13.4	9,000	13,000	0.201
7306B	30	72	19	1.1	0.6	31	32.5	20	8,000	11,000	0.349
7207B	35	72	17	1.1	0.6	31	27	18.3	8,000	11,000	0.287
7307B	35	80	21	1.5	1	35	39	25	7,000	9,500	0.456
7208B	40	80	18	1.1	0.6	34	32	23.2	7,000	9,500	0.373
7308B	40	90	23	1.5	1	39	50	32.5	6,300	8,500	0.626
7209B	45	85	19	1.1	0.6	37	36	26.5	6,300	8,500	0.414
7309B	45	100	25	1.5	1	43	60	40	5,600	7,500	0.835
7210B	50	90	20	1.1	0.6	39	37.5	28.5	6,000	8,000	0.466
7310B	50	110	27	2	1	47	69.5	47.5	5,300	7,000	1.08
7211B	55	100	21	1.5	1	43	46.5	36	5,300	7,000	0.633
7311B	55	120	29	2	1	51	78	56	4,800	6,300	1.41
7212B	60	110	22	1.5	1	47	56	44	4,800	6,300	0.798
7312B	60	130	31	2.1	1.1	55	90	65.5	4,300	5,600	1.81
7213B	65	120	23	1.5	1	50.5	64	53	4,500	6,000	1.032
7313B	65	140	33	2.1	1.1	60	102	75	4,000	5,300	2.16
7214B	70	125	24	1.5	1	53	69.5	58.5	4,300	5,600	1.14
7314B	70	150	35	2.1	1.1	64	114	86.5	3,800	5,000	2.65
7215B	75	130	25	1.5	1	56	68	58.5	4,000	5,300	1.19
7315B	75	160	37	2.1	1.1	68	127	100	3,400	4,500	3.17
7216B	80	140	26	2	1	59	80	69.5	3,800	5,000	1.46
7316B	80	170	39	2.1	1.1	72	140	114	3,200	4,300	4.28
7217B	85	150	28	2	1	63	90	80	3,400	4,500	1.92

角接触轴承 Angular contact ball bearings



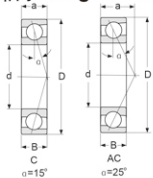
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions						基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	r _{sm}	r _{1sm}	a	C _r	C _{or}	Grease 脂	Oil 油	
7317B	85	180	41	3	0.6	76	150	127	3,000	4,000	4.58
7218B	90	160	30	2	1	67	106	93	3,200	4,300	2.35
7318B	90	190	43	3	0.6	80	160	140	2,800	3,800	5.32
7219B	95	170	32	2.1	1	72	116	100	3,000	4,000	3.09
7319B	95	200	45	3	1	84	173	153	2,800	3,800	6.18
7220B	100	180	34	2.1	1	76	129	114	2,800	3,800	3.41
7320B	100	215	47	3	1	90	193	180	2,600	3,600	7.65
7221B	105	190	36	2.1	1.1	80	143	129	2,800	3,800	4.4
7321B	105	225	49	3	1	94	208	200	2,400	3,400	9.46
7222B	110	200	38	2.1	1.1	84	153	143	2,600	3,600	4.72
7322B	110	240	50	3	1	98	224	224	2,400	3,400	10.4
7224B	120	215	40	2.1	1.1	90	166	160	2,400	3,400	6.21
7324B	120	260	55	3	1	107	250	260	2,200	3,200	14.4
7226B	130	230	40	3	1.1	96	186	190	2,200	3,200	7.01
7326B	130	280	58	4	1	115	275	300	2,000	3,000	17.5
7228B	140	250	42	3	1.1	103	196	212	2,000	3,000	8.91
7328B	140	300	62	4	1	123	300	340	1,800	2,600	21.6
7230B	150	270	45	3	1.1	111	224	255	1,900	2,800	11.3
7330B	150	320	65	4	1.5	131	325	390	1,700	2,400	25.5
7232B	160	290	48	3	1	118	236	280	1,800	2,600	14
7332B	160	340	68	4	1.5	139	360	450	1,600	2,200	30.5
7234B	170	310	52	4	1.5	127	265	325	1,700	2,400	17.5
7334B	170	360	72	4	1.5	147	390	510	1,500	2,000	36.1

角接触轴承 Angular contact ball bearings



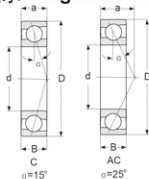
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions						基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	rsmn	rfsmin	a	Cr	Cor	Grease 脂	Oil 油	
71900C	10	22	6	0.3	0.15	5	3.9	1.8	70,000	110,000	0.01
71900AC	10	22	6	0.3	0.15	7	3.75	1.73	63,000	95,000	0.01
7000C	10	26	8	0.3	0.3	6	5.3	2.5	60,000	90,000	0.02
7000AC	10	26	8	0.3	0.3	8	5.1	2.4	56,000	85,000	0.02
7200C	10	30	9	0.6	0.6	7	6.95	3.35	56,000	85,000	0.03
7200AC	10	30	9	0.6	0.6	9	6.8	3.25	50,000	75,000	0.03
71901C	12	24	6	0.3	0.15	5	4.5	2.28	60,000	90,000	0.01
71901AC	12	24	6	0.3	0.15	7	4.3	2.2	56,000	85,000	0.01
7001C	12	28	8	0.3	0.3	7	5.85	2.9	56,000	85,000	0.02
7001AC	12	28	8	0.3	0.3	9	5.6	2.8	50,000	75,000	0.02
7201C	12	32	10	0.6	0.6	8	8	3.9	50,000	75,000	0.04
7201AC	12	32	10	0.6	0.6	10	7.65	3.75	45,000	67,000	0.04
71902C	15	28	7	0.3	0.15	6	5	2.9	50,000	75,000	0.02
71902AC	15	28	7	0.3	0.15	9	4.8	2.75	48,000	70,000	0.02
7002C	15	32	9	0.3	0.3	8	6.2	3.4	48,000	70,000	0.03
7002AC	15	32	9	0.3	0.3	10	6	3.25	43,000	63,000	0.03
7202C	15	35	11	0.6	0.6	9	9.65	5	45,000	67,000	0.04
7202AC	15	35	11	0.6	0.6	11	9.3	4.8	40,000	60,000	0.04
71903C	17	30	7	0.3	0.15	7	5.3	3.15	48,000	70,000	0.02
71903AC	17	30	7	0.3	0.15	9	5	3	43,000	63,000	0.02
7003C	17	35	10	0.3	0.3	8	8.65	4.9	43,000	63,000	0.04
7003AC	17	35	10	0.3	0.3	11	8.3	4.75	38,000	56,000	0.04
7203C	17	40	12	0.6	0.6	10	10.8	5.85	38,000	56,000	0.06
7203AC	17	40	12	0.6	0.6	13	10.4	5.6	36,000	53,000	0.06
71904C	20	37	9	0.3	0.15	8	9.15	5.5	38,000	56,000	0.03
71904AC	20	37	9	0.3	0.15	11	8.8	5.3	36,000	53,000	0.03
7004C	20	42	12	0.6	0.6	10	10.4	6	36,000	53,000	0.07
7004AC	20	42	12	0.6	0.6	13	10	5.7	32,000	48,000	0.07
7204C	20	47	14	1	1	12	14.6	8.15	32,000/30	48,000	0.1
7204AC	20	47	14	1	1	15	14	7.8	00	45,000	0.1
71905C	25	42	9	0.3	0.15	9	10	6.7	32,000	48,000	0.04
71905AC	25	42	9	0.3	0.15	12	9.5	6.4	30,000	45,000	0.04
7005C	25	47	12	0.6	0.6	11	14.6	9.15	30,000	45,000	0.08
7005AC	25	47	12	0.6	0.6	14	13.7	8.65	28,000	43,000	0.08

角接触轴承 Angular contact ball bearings



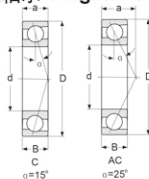
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions						基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	rsmn	rfsmin	a	Cr	Cor	Grease 脂	Oil 油	
7205C	25	52	15	1	1	13	15.6	9.3	28,000	43,000	0.12
7205AC	25	52	15	1	1	16	15	9	26,000	40,000	0.12
71906C	30	47	9	0.3	0.15	10	10.8	7.8	28,000	43,000	0.05
71906AC	30	47	9	0.3	0.15	13	10.2	7.35	26,000	40,000	0.05
7006C	30	55	13	1	1	12	15	10.2	26,000	40,000	0.11
7006AC	30	55	13	1	1	17	14.3	9.8	24,000	38,000	0.11
7206C	30	62	16	1	1	14	23.2	14.6	24,000	38,000	0.19
7206AC	30	62	16	1	1	19	22	14	22,000	36,000	0.19
71907C	35	55	10	0.6	0.3	11	14.3	10.8	24,000	38,000	0.07
71907AC	35	55	10	0.6	0.3	16	13.4	10.4	22,000	36,000	0.07
7007C	35	62	14	1	1	13	19	13.7	22,000	36,000	0.15
7007AC	35	62	14	1	1	18	18.3	12.9	20,000	34,000	0.15
7207C	35	72	17	1.1	1.1	16	30.5	20	20,000	34,000	0.28
7207AC	35	72	17	1.1	1.1	21	29	19	19,000	32,000	0.28
71908C	40	62	12	0.6	0.3	13	17.6	13.7	22,000	36,000	0.11
71908AC	40	62	12	0.6	0.3	18	16.8	13.2	20,000	34,000	0.11
7008C	40	68	15	1	1	15	20.4	16	20,000	34,000	0.19
7008AC	40	68	15	1	1	20	19.6	15	19,000	32,000	0.19
7208C	40	80	18	1.1	1.1	17	32	22.4	18,000	30,000	0.37
7208AC	40	80	18	1.1	1.1	23	30.5	21.6	17,000	28,000	0.37
71909C	45	68	12	0.6	0.3	14	18.6	15.6	19,000	32,000	0.13
71909AC	45	68	12	0.6	0.3	19	17.6	15	18,000	30,000	0.13
7009C	45	75	16	1	1	16	27.5	21.2	18,000	30,000	0.23
7009AC	45	75	16	1	1	22	26.5	20	17,000	28,000	0.23
7209C	45	85	19	1.1	1.1	18	40.5	29	17,000	28,000	0.41
7209AC	45	85	19	1.1	1.1	25	39	27.5	15,000	24,000	0.41
71910C	50	72	12	0.6	0.3	14	19	16.6	18,000	30,000	0.13
71910AC	50	72	12	0.6	0.3	20	18	15.6	16,000	26,000	0.13
7010C	50	80	16	1	1	17	26.5	22.8	17,000	28,000	0.25
7010AC	50	80	16	1	1	23	27	21.6	15,000	24,000	0.25
7210C	50	90	20	1.1	1.1	19	43	31.5	16,000	26,000	0.46
7210AC	50	90	20	1.1	1.1	26	40.5	30.5	14,000	22,000	0.46
71911C	55	80	13	1	0.3	16	22.8	20.4	16,000	26,000	0.18
71911AC	55	80	13	1	0.3	22	21.6	19.3	15,000	24,000	0.18

角接触轴承 Angular contact ball bearings



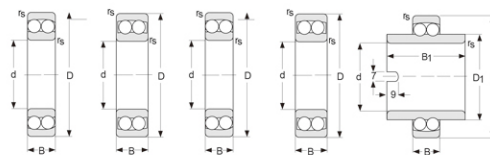
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions						基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	rsmn	r1smn	a	Cr	Cor	Grease 脂	Oil 油	
7011C	55	90	18	1.1	1.1	19	38	31	15,000	24,000	0.37
7011AC	55	90	18	1.1	1.1	26	36	29	14,000	22,000	0.37
7211C	55	100	21	1.5	1.5	21	53	40	14,000	22,000	0.61
7211AC	55	100	21	1.5	1.5	29	50	38	13,000	20,000	0.61
71912C	60	85	13	1	0.3	16	24	22.8	15,000	24,000	0.19
71912AC	60	85	13	1	0.3	23	22.8	21.6	14,000	22,000	0.19
7012C	60	95	18	1.1	1.1	19	39	33.5	14,000	22,000	0.4
7012AC	60	95	18	1.1	1.1	27	36.5	31.5	13,000	20,000	0.4
7212C	60	110	22	1.5	1.5	22	55	44	13,000	20,000	0.8
7212AC	60	110	22	1.5	1.5	31	52	42.5	12,000	19,000	0.8
71913C	65	90	13	1	0.3	17	24.5	24	14,000	22,000	0.2
71913AC	65	90	13	1	0.3	25	22.8	22.4	13,000	20,000	0.2
7013C	65	100	18	1.1	1.1	20	40	35.5	13,000	20,000	0.42
7013AC	65	100	18	1.1	1.1	28	38	33.5	12,000	19,000	0.42
7213C	65	120	23	1.5	1.5	24	67	54	12,000	19,000	1.02
7213AC	65	120	23	1.5	1.5	33	64	52	11,000	18,000	1.02
71914C	70	100	16	1	0.3	19	33.5	32.5	13,000	20,000	0.33
71914AC	70	100	16	1	0.3	28	31.5	31	12,000	19,000	0.33
7014C	70	110	20	1.1	1.1	22	50	43	12,000	19,000	0.59
7014AC	70	110	20	1.1	1.1	31	46.5	41.5	11,000	18,000	0.59
7214C	70	125	24	1.5	1.5	25	69.5	58.5	11,000	18,000	1.12
7214AC	70	125	24	1.5	1.5	35	65.5	56	10,000	17,000	1.12
71915C	75	105	16	1	0.3	20	34	34.5	12,000	19,000	0.35
71915AC	75	105	16	1	0.3	29	32	32.5	11,000	18,000	0.35
7015C	75	115	20	1.1	1.1	23	51	46.5	12,000	19,000	0.62
7015AC	75	115	20	1.1	1.1	32	48	44	11,000	18,000	0.62
7215C	75	130	25	1.5	1.5	26	72	63	11,000	18,000	1.21
7215AC	75	130	25	1.5	1.5	36	68	60	9,500	16,000	1.21
71916C	80	110	16	1	0.3	21	34.5	36	12,000	19,000	0.37
71916AC	80	110	16	1	0.3	30	32.5	34	11,000	18,000	0.37
7016C	80	125	22	1.1	1.1	25	63	58.5	11,000	18,000	0.84
7016AC	80	125	22	1.1	1.1	35	60	55	9,500	16,000	0.84
7216C	80	140	26	3	2	28	93	78	10,000	17,000	1.47
7216AC	80	140	26	3	2	39	88	73.5	9,000	15,000	1.47

角接触轴承 Angular contact ball bearings



轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions						基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	rsmn	r1smn	a	Cr	Cor	Grease 脂	Oil 油	
71917C	85	120	18	1.1	0.6	23	45	46.5	11,000	18,000	0.53
71917AC	85	120	18	1.1	0.6	33	42.5	44	9,500	16,000	0.53
7017C	85	130	22	1.1	1.1	25	65.5	62	10,000	17,000	0.89
7017AC	85	130	22	1.1	1.1	36	62	58.5	9,000	15,000	0.89
7217C	85	150	28	2	2	30	96.5	85	9,000	15,000	1.85
7217AC	85	150	28	2	2	42	91.5	80	8,000	13,000	1.85
71918C	90	125	18	1.1	0.6	23	45.5	49	10,000	17,000	0.55
71918AC	90	125	18	1.1	0.6	34	43	46.5	9,000	15,000	0.55
7018C	90	140	24	1.5	1.5	27	76.5	72	9,500	16,000	1.15
7018AC	90	140	24	1.5	1.5	39	72	68	8,500	14,000	1.15
7218C	90	160	30	2	2	32	122	104	8,500	14,000	2.26
7218AC	90	160	30	2	2	44	116	100	7,500	12,000	2.26
71919C	95	130	18	1.1	0.6	24	46.5	51	9,500	16,000	0.58
71919AC	95	130	18	1.1	0.6	35	44	48	8,500	14,000	0.58
7019C	95	145	24	1.5	1.5	28	78	76.5	9,000	15,000	1.2
7019AC	95	145	24	1.5	1.5	40	75	72	8,000	13,000	1.2
7219C	95	170	32	2.1	2.1	34	127	114	8,000	13,000	2.78
7219AC	95	170	32	2.1	2.1	47	122	108	7,000	11,000	2.78
71920C	100	140	20	1.1	0.6	26	58.5	64	9,000	15,000	0.79
71920AC	100	140	20	1.1	0.6	38	55	60	8,000	13,000	0.79
7020C	100	150	24	1.5	1.5	29	81.5	81.5	8,500	14,000	1.26
7020AC	100	150	24	1.5	1.5	41	76.5	76.5	7,500	12,000	1.26
7220C	100	180	34	2.1	2.1	36	156	137	7,500	12,000	3.32
7220AC	100	180	34	2.1	2.1	50	150	129	6,700	10,000	3.32
71921C	105	145	20	1.1	0.6	27	58.5	64	8,500	14,000	0.82
71921AC	105	145	20	1.1	0.6	39	55	60	7,500	12,000	0.82
7021C	105	160	26	2	2	31	106	102	8,000	13,000	1.58
7021AC	105	160	26	2	2	44	102	98	7,000	11,000	1.58
7221C	105	190	36	2.1	2.1	38	163	146	7,000	11,000	3.98
7221AC	105	190	36	2.1	2.1	52	156	140	6,300	9,500	3.98
71922C	110	150	20	1.1	0.6	27	58.5	67	8,000	13,000	0.85
71922AC	110	150	20	1.1	0.6	40	56	63	7,500	12,000	0.85
7022C	110	170	28	2	2	33	110	110	7,500	12,000	2

调心球轴承 Self aligning ball bearings

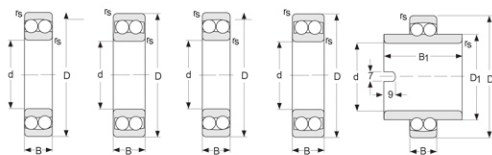


调心球轴承 Self aligning ball bearings



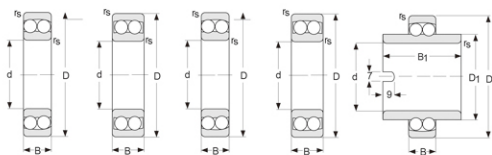
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions						基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	rsmn	B ₁	D ₁	Cr	Cor	Grease 脂	Oil 油	
135	5	19	6	0.3	-	-	2.5	0.48	30,000	36,000	0.01
126	6	19	6	0.3	-	-	2.5	0.48	30,000	36,000	0.01
127	7	22	7	0.3	-	-	2.65	0.56	30,000	36,000	0.015
108	8	22	7	0.3	-	-	2.65	0.33	30,000	36,000	0.015
129	9	26	8	0.6	-	-	3.8	0.8	26,000	32,000	0.022
1200	10	30	9	0.6	-	-	5.5	1.2	24,000	30,000	0.034
2200	10	30	14	0.6	-	-	8.3	1.73	22,000	28,000	0.045
2200.2RS	10	30	14	0.6	-	-	5.5	1.2	18,000	-	0.053
1300	10	35	11	0.6	-	-	7.2	1.6	20,000	26,000	0.062
1201	12	32	10	0.6	-	-	5.6	1.27	24,000	30,000	0.041
2201	12	32	14	0.6	-	-	9	1.96	20,000	26,000	0.05
2201.2RS	12	32	14	0.6	-	-	5.6	1.27	17,000	-	0.057
1301	12	37	12	1	-	-	9.5	2.16	18,000	22,000	0.073
1202	15	35	11	0.6	-	-	7.5	1.76	20,000	26,000	0.049
2202	15	35	14	0.6	-	-	9.15	2.08	19,000	24,000	0.057
2202.2RS	15	35	14	0.6	-	-	7.5	1.76	15,000	-	0.06
1302	15	42	13	1	-	-	9.5	2.28	17,000	20,000	0.1
2302	15	42	17	1	-	-	12	2.9	16,000	19,000	0.127
1203	17	40	12	0.6	-	-	8	2.04	18,000	22,000	0.074
2203	17	40	16	0.6	-	-	11.4	2.75	16,000	19,000	0.086
2203.2RS	17	40	16	0.6	-	-	8	2.04	14,000	-	0.096
1303	17	47	14	1	-	-	12.5	3.2	15,000	18,000	0.136
2303	17	47	19	1	-	-	14.3	3.55	14,000	17,000	0.179
2303.2RS	17	47	19	1	-	-	12.5	3.2	11,000	-	0.182
1204	20	47	14	1	-	-	10	2.65	15,000	18,000	0.117
11204	20	47	14	1	40	29.2	10	2.65	9,500	13,000	0.193
2204	20	47	18	1	-	-	14.3	3.55	14,000	17,000	0.136
2204.2RS	20	47	18	1	-	-	10	2.65	11,000	-	0.148
1304	20	52	15	1.1	-	-	12.5	3.35	13,000	16,000	0.172
2304	20	52	21	1.1	-	-	18	4.65	13,000	16,000	0.234
2304.2RS	20	52	21	1.1	-	-	12.5	3.35	10,000	-	0.243
1205	25	52	15	1	-	-	12.2	3.35	13,000	16,000	0.137
11205	25	52	15	1	44	33.3	12.2	3.35	8,000	10,000	0.227
2205	25	52	18	1	-	-	17	4.4	12,000	15,000	0.159

调心球轴承 Self aligning ball bearings



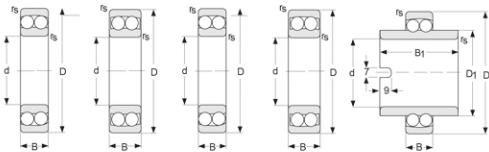
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions						基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	rsmin	B1	D1	Cr	Cor	Grease 脂	Oil 油	
2205.2RS	25	52	18	1	-	-	12.2	3.35	9.500	-	0.162
1305	25	62	17	1.1	-	-	18	5	11.000	14.000	0.275
1305	25	62	17	1.1	48	38	18	5	6.700	8.500	0.431
2305	25	62	24	1.1	-	-	24.5	6.55	10.000	13.000	0.371
2305.2RS	25	62	24	1.1	-	-	18	5	8.000	-	0.385
1206	30	62	16	1	-	-	15.6	4.65	11.000	14.000	0.22
11206	30	62	16	1	48	40.1	15.6	4.65	6.700	8.500	0.365
2206	30	62	20	1	-	-	25.5	6.95	9.500	12.000	0.259
2206.2RS	30	62	20	1	-	-	15.6	4.65	8.000	-	0.268
1306	30	72	19	1.1	-	-	21.2	6.3	9.000	11.000	0.408
11306	30	72	19	1.1	52	45	21.2	6.3	5.600	7.000	0.636
2306	30	72	27	1.1	-	-	31.5	8.65	8.500	10.000	0.552
2306.2RS	30	72	27	1.1	-	-	21.2	6.3	6.700	-	0.574
1207	35	72	17	1.1	-	-	16	5.2	9.500	12.000	0.329
11207	35	72	17	1.1	52	47.7	16	5.2	6.000	7.500	0.555
2207	35	72	23	1.1	-	-	32	9	8.000	9.500	0.404
2207.2RS	35	72	23	1.1	-	-	16	5.2	7.000	-	0.434
1307	35	80	21	1.5	-	-	25	8	8.000	9.500	0.535
11307	35	80	21	1.5	56	51.7	25	8	5.000	6.300	0.851
2307	35	80	31	1.5	-	-	39	11.2	7.500	9.000	0.743
2307.2RS	35	80	31	1.5	-	-	25	8	6.000	-	0.789
1208	40	80	18	1.1	-	-	19.3	6.55	8.500	10.000	0.417
11208	40	80	18	1.1	56	54	19.3	6.55	5.300	6.700	0.726
2208	40	80	23	1.1	-	-	31.5	9.5	7.500	9.000	0.488
2208.2RS	40	80	23	1.1	-	-	19.3	6.55	6.300	-	0.515
1308	40	90	23	1.5	-	-	29	9.65	7.000	8.500	0.742
11308	40	90	23	1.5	58	57.7	29	9.65	4.500	5.600	1.11
2308	40	90	33	1.5	-	-	45	13.4	6.700	8.000	1
2308.2RS	40	90	33	1.5	-	-	29	9.65	5.300	-	1.05
1209	45	85	19	1.1	-	-	22	7.35	7.500	9.000	0.463
11209	45	85	19	1.1	58	57.7	22	7.35	4.800	6.000	0.781
2209	45	85	23	1.1	-	-	28	9	7.000	8.500	0.527
2209.2RS	45	85	23	1.1	-	-	22	7.35	5.600	-	0.543
1309	45	100	25	1.5	-	-	38	12.9	6.300	7.500	0.994

调心球轴承 Self aligning ball bearings



轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions						基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	rsmin	B1	D1	Cr	Cor	Grease 脂	Oil 油	
11309	45	100	25	1.5	60	63.9	38	12.9	3.800	4.800	1.44
2309	45	100	36	1.5	-	-	54	16.3	6.000	7.000	1.32
2309.2RS	45	100	36	1.5	-	-	38	12.9	4.800	-	1.4
1210	50	90	20	1.1	-	-	22.8	8.15	7.000	8.500	0.531
11210	50	90	20	1.1	58	62.7	22.8	8.15	4.500	5.600	0.865
2210	50	90	23	1.1	-	-	28	9.5	6.700	8.000	0.567
2210.2RS	50	90	23	1.1	-	-	22.8	8.15	5.300	-	0.595
1310	50	110	27	2	-	-	41.5	14.3	5.600	6.700	1.29
11310	50	110	27	2	62	70.3	41.5	14.3	3.600	4.500	1.81
2310	50	110	40	2	-	-	64	20	5.300	6.300	1.78
2310.2RS	50	110	40	2	-	-	41.5	14.3	4.300	-	1.89
1211	55	100	21	1.5	-	-	27	10	6.300	7.500	0.693
11211	55	100	21	1.5	60	69.5	27	10	4.000	5.000	1.13
2211	55	100	25	1.5	-	-	39	12.7	5.600	6.700	0.763
2211.2RS	55	100	25	1.5	-	-	27	10	4.800	-	0.796
1311	55	120	29	2	-	-	51	18	5.000	6.000	1.64
2311	55	120	43	2	-	-	75	23.6	4.800	5.600	2.29
2311.2RS	55	120	43	2	-	-	51	18	3.800	-	2.37
1212	60	110	22	1.5	-	-	30	11.6	5.600	6.700	0.9
11212	60	110	22	1.5	62	78	30	11.6	3.600	4.500	1.51
2212	60	110	28	1.5	-	-	47.5	16.6	5.300	6.300	1.08
2212.2RS	60	110	28	1.5	-	-	30	11.6	4.300	-	1.11
1312	60	130	31	2.1	-	-	57	20.8	4.500	5.300	2.03
2312	60	130	46	2.1	-	-	86.5	28	4.300	5.000	2.83
1213	65	120	23	1.5	-	-	31	12.5	5.300	6.300	1.15
2213	65	120	31	1.5	-	-	57	19.3	4.500	5.300	1.4
1313	65	140	33	2.1	-	-	62	22.8	4.300	5.000	2.52
2313	65	140	48	2.1	-	-	95	32.5	4.000	4.800	3.43
1214	70	125	24	1.5	-	-	34.5	13.7	5.000	6.000	1.29
2214	70	125	31	1.5	-	-	44	17	4.800	5.600	1.59
1314	70	150	35	2.1	-	-	75	27.5	4.000	4.800	3.08
2314	70	150	51	2.1	-	-	110	37.5	3.600	4.300	4.17
1215	75	130	25	1.5	-	-	39	15.6	4.800	5.600	1.39
2215	75	130	31	1.5	-	-	44	18	4.500	5.300	1.67

调心球轴承 Self aligning ball bearings

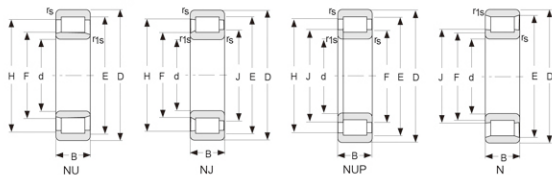


轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions						基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	r _{sm}	B ₁	D ₁	C _r	C _{or}	Grease 脂	Oil 油	
1315	75	160	37	2.1	-	-	80	30	3.600	4.300	3.68
2315	75	160	55	2.1	-	-	122	42.5	3.400	4.000	5.2
1216	80	140	26	2	-	-	40	17	4.300	5.000	1.7
2216	80	140	33	2	-	-	51	21.2	4.300	5.000	2.13
1316	80	170	39	2.1	-	-	88	32.5	3.400	4.000	4.29
2316	80	170	58	2.1	-	-	137	48	3.200	3.800	6.44
1217	85	150	28	2	-	-	49	20.4	4.000	4.800	2.13
2217	85	150	36	2	-	-	58.5	23.6	4.000	4.800	2.61
1317	85	180	41	3	-	-	98	38	3.200	3.800	5.1
2317	85	180	60	3	-	-	140	51	3.000	3.600	7.47
1218	90	160	30	2	-	-	57	23.6	3.800	4.500	2.59
2218	90	160	40	2	-	-	71	28.5	3.600	4.300	3.34
1318	90	190	43	3	-	-	108	43	3.000	3.600	6.04
2318	90	190	64	3	-	-	153	57	2.800	3.400	8.82
1219	95	170	32	2.1	-	-	64	27	3.400	4.000	3.15
2219	95	170	43	2.1	-	-	83	34	3.400	4.000	4.32
1319	95	200	45	3	-	-	132	51	2.800	3.400	7.17

短圆柱滚子轴承
Cylindrical roller bearings

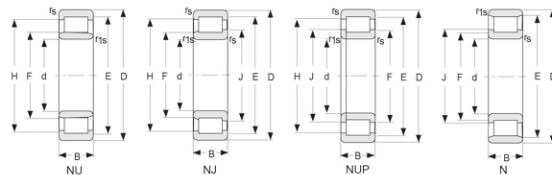


短圆柱滚子轴承 Cylindrical roller bearings



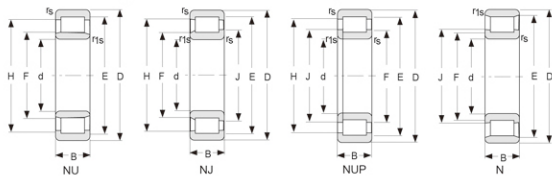
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions								基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight	
	d	D	B	r _{sm}	r _{1sm}	E	F	H	J	Cr	Cor	Grease 脂		Oil 油
NUP410	50	130	31	2.1	2.1	110.8	70.8	103.6	78.8	129	125	4.500	5.300	2.08
N410	50	130	31	2.1	2.1	110.8	70.8	-	78.8	129	125	4.500	5.300	2.08
NU1011M1	55	90	18	1.1	1	80.5	64.5	76.7	-	41.5	50	7.000	8.500	0.464
NJ211E	55	100	21	1.5	1.1	90	66	85.6	-	83	95	6.000	7.000	0.665
NJ211E	55	100	21	1.5	1.1	90	66	85.6	71	83	95	6.000	7.000	0.665
NUP211E	55	100	21	1.5	1.1	90	66	85.6	71	83	95	6.000	7.000	0.665
N211E	55	100	21	1.5	1.1	90	66	-	71	83	95	6.000	7.000	0.665
NJ2211E	55	100	25	1.5	1.1	90	66	85.6	-	98	118	6.000	7.000	0.78
NJ2211E	55	100	25	1.5	1.1	90	66	85.6	71	98	118	6.000	7.000	0.78
NUP2211E	55	100	25	1.5	1.1	90	66	85.6	71	98	118	6.000	7.000	0.78
NU311E	55	120	29	2	2	106.5	70.5	100.3	-	134	140	4.800	5.600	1.47
NJ311E	55	120	29	2	2	106.5	70.5	100.3	77.7	134	140	4.800	5.600	1.47
NUP311E	55	120	29	2	2	106.5	70.5	100.3	77.7	134	140	4.800	5.600	1.47
N311E	55	120	29	2	2	106.5	70.5	-	77.7	134	140	4.800	5.600	1.47
NJ2311E	55	120	43	2	2	106.5	70.5	100.3	-	200	228	4.800	5.600	2.23
NJ2311E	55	120	43	2	2	106.5	70.5	100.3	77.7	200	228	4.800	5.600	2.23
NUP2311E	55	120	43	2	2	106.5	70.5	100.3	77.7	200	228	4.800	5.600	2.23
N411	55	140	33	2.1	2.1	117.2	77.2	109.9	-	140	137	4.300	5.000	2.54
NJ411	55	140	33	2.1	2.1	117.2	77.2	109.9	85.2	140	137	4.300	5.000	2.54
NUP411	55	140	33	2.1	2.1	117.2	77.2	109.9	85.2	140	137	4.300	5.000	2.54
N411M	55	140	33	2.1	2.1	117.2	77.2	-	85.2	140	137	4.300	5.000	2.54
NU1020M1	60	95	18	1.1	1	85.5	69.5	81.7	-	44	55	6.700	8.000	0.491
NJ212E	60	110	22	1.5	1.5	100	72	95.1	-	95	104	5.300	6.300	0.825
NJ212E	60	110	22	1.5	1.5	100	72	95.1	77.7	95	104	5.300	6.300	0.825
NUP212E	60	110	22	1.5	1.5	100	72	95.1	77.7	95	104	5.300	6.300	0.825
N212E	60	110	22	1.5	1.5	100	72	-	77.7	95	104	5.300	6.300	0.825
NJ2212E	60	110	28	1.5	1.5	100	72	95.1	-	129	153	5.300	6.300	1.08
NJ2212E	60	110	28	1.5	1.5	100	72	95.1	77.7	129	153	5.300	6.300	1.08
NUP2212E	60	110	28	1.5	1.5	100	72	95.1	77.7	129	153	5.300	6.300	1.08
NU312E	60	130	31	2.1	2.1	115	77	108.5	-	150	156	4.300	5.000	1.85
NJ312E	60	130	31	2.1	2.1	115	77	108.5	84.5	150	156	4.300	5.000	1.85
NUP312E	60	130	31	2.1	2.1	115	77	108.5	84.5	150	156	4.300	5.000	1.85
N312E	60	130	31	2.1	2.1	115	77	-	84.5	150	156	4.300	5.000	1.85
NU2312E	60	130	46	2.1	2.1	115	77	108.5	-	224	260	4.300	5.000	2.78

短圆柱滚子轴承 Cylindrical roller bearings



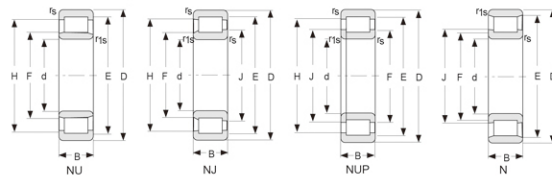
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions								基本额定负荷 (kN) Basic Ratings			极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	rsmin	r1smin	E	F	H	J	Cr	Cor	Grease 脂	Oil 油	
NU202E	15	35	11	0.6	0.3	30.3	19.3	27.8	-	12.7	10.4	18,000	22,000	0.047
NJ202E	15	35	11	0.6	0.3	30.3	19.3	27.8	21.8	12.7	10.4	18,000	22,000	0.047
NU203E	17	40	12	0.6	0.3	35.1	22.1	32	-	17.6	14.6	15,000	18,000	0.068
NJ203E	17	40	12	0.6	0.3	35.1	22.1	32	24.7	17.6	14.6	15,000	18,000	0.068
NUP203E	17	40	12	0.6	0.3	35.1	22.1	32	24.7	17.6	14.6	15,000	18,000	0.068
N203E	17	40	12	0.6	0.3	35.1	22.1	-	24.7	17.6	14.6	15,000	18,000	0.068
NU2203E	17	40	16	0.6	0.3	35.1	22.1	32	-	24	22	15,000	18,000	0.091
NJ2203E	17	40	16	0.6	0.3	35.1	22.1	32	24.7	24	22	15,000	18,000	0.091
NUP2203E	17	40	16	0.6	0.3	35.1	22.1	32	24.7	24	22	15,000	18,000	0.091
NU303E	17	47	14	1.1	0.6	40.2	24.2	36.8	-	25.5	21.2	13,000	16,000	0.121
NJ303E	17	47	14	1.1	0.6	40.2	24.2	36.8	27.6	25.5	21.2	13,000	16,000	0.121
NUP303E	17	47	14	1.1	0.6	40.2	24.2	36.8	27.6	25.5	21.2	13,000	16,000	0.121
NU204E	20	47	14	1	0.6	41.5	26.5	38.4	-	27.5	24.5	13,000	16,000	0.133
NJ204E	20	47	14	1	0.6	41.5	26.5	38.4	29.9	27.5	24.5	13,000	16,000	0.133
NUP204E	20	47	14	1	0.6	41.5	26.5	38.4	29.9	27.5	24.5	13,000	16,000	0.133
N204E	20	47	14	1	0.6	41.5	26.5	-	29.9	27.5	24.5	13,000	16,000	0.133
NU2204E	20	47	18	1	0.6	41.5	26.5	38.4	-	32.5	31	13,000	16,000	0.142
NJ2204E	20	47	18	1	0.6	41.5	26.5	38.4	29.9	32.5	31	13,000	16,000	0.142
NUP2204E	20	47	18	1	0.6	41.5	26.5	38.4	29.9	32.5	31	13,000	16,000	0.142
NU304E	20	52	15	1.1	0.6	45.5	27.5	41.8	-	31.5	27	11,000	14,000	0.152
NJ304E	20	52	15	1.1	0.6	45.5	27.5	41.8	31.4	31.5	27	11,000	14,000	0.152
NUP304E	20	52	15	1.1	0.6	45.5	27.5	41.8	31.4	31.5	27	11,000	14,000	0.152
N304E	20	52	15	1.1	0.6	45.5	27.5	-	31.4	31.5	27	11,000	14,000	0.152
NU2304E	20	52	21	1.1	0.6	45.5	27.5	41.8	-	41.5	39	11,000	14,000	0.207
NJ2304E	20	52	21	1.1	0.6	45.5	27.5	41.8	31.4	41.5	39	11,000	14,000	0.207
NUP2304E	20	52	21	1.1	0.6	45.5	27.5	41.8	31.4	41.5	39	11,000	14,000	0.207
NU1005	25	47	12	0.6	0.3	41.5	30.5	38.9	-	13.4	12	14,000	17,000	0.083
NU205E	25	52	15	1	0.6	46.5	31.5	43.3	-	29	27.5	12,000	15,000	0.14
NJ205E	25	52	15	1	0.6	46.5	31.5	43.3	34.9	29	27.5	12,000	15,000	0.14
NUP205E	25	52	15	1	0.6	46.5	31.5	43.3	34.9	29	27.5	12,000	15,000	0.14
N205E	25	52	15	1	0.6	46.5	31.5	-	34.9	29	27.5	12,000	15,000	0.14
NU2205E	25	52	18	1	0.6	46.5	31.5	43.3	-	34.5	34.5	12,000	15,000	0.16
NJ2205E	25	52	18	1	0.6	46.5	31.5	43.3	34.9	34.5	34.5	12,000	15,000	0.16
NUP2205E	25	52	18	1	0.6	46.5	31.5	43.3	34.9	34.5	34.5	12,000	15,000	0.16

短圆柱滚子轴承 Cylindrical roller bearings



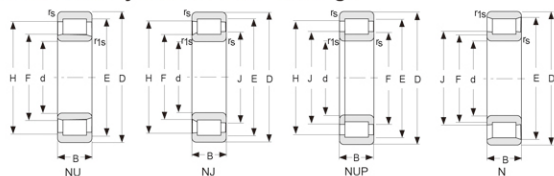
轴承代号 Bearing Number	基本尺寸(mm) Principal Dimensions								基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight	
	d	D	B	r _{min}	r _{1min}	E	F	H	J	Cr	Cor	Grease 脂		Oil 油
NU305E	25	62	17	1.1	1.1	54	34	50.1	-	41.5	37.5	9,500	12,000	0.243
NJ305E	25	62	17	1.1	1.1	54	34	50.1	38.3	41.5	37.5	9,500	12,000	0.243
NU305E	25	62	17	1.1	1.1	54	34	50.1	38.3	41.5	37.5	9,500	12,000	0.243
N305E	25	62	17	1.1	1.1	54	34	-	38.3	41.5	37.5	9,500	12,000	0.243
NU2305E	25	62	24	1.1	1.1	54	34	50.1	-	57	56	9,500	12,000	0.348
NJ2305E	25	62	24	1.1	1.1	54	34	50.1	38.3	57	56	9,500	12,000	0.348
NU2305E	25	62	24	1.1	1.1	54	34	50.1	38.3	57	56	9,500	12,000	0.348
NU405M	25	80	21	1.5	1.5	62.8	38.8	58.4	-	45	38	8,500	10,000	0.629
NJ405M	25	80	21	1.5	1.5	62.8	38.8	58.4	43.6	45	38	8,500	10,000	0.629
NU1006	30	55	13	1	0.6	48.5	36.5	45.7	-	16.6	16	12,000	15,000	0.134
NU206E	30	62	16	1	0.6	55.5	37.5	52	-	39	37.5	9,500	12,000	0.206
NJ206E	30	62	16	1	0.6	55.5	37.5	52	41.4	39	37.5	9,500	12,000	0.206
NU206E	30	62	16	1	0.6	55.5	37.5	52	41.4	39	37.5	9,500	12,000	0.206
N206E	30	62	16	1	0.6	55.5	37.5	-	41.4	39	37.5	9,500	12,000	0.206
NU2206E	30	62	20	1	0.6	55.5	37.5	52	-	49	50	9,500	12,000	0.255
NJ2206E	30	62	20	1	0.6	55.5	37.5	52	41.4	49	50	9,500	12,000	0.255
NU2206E	30	62	20	1	0.6	55.5	37.5	52	41.4	49	50	9,500	12,000	0.255
NU306E	30	72	19	1.1	1.1	62.5	40.5	58.3	-	51	48	8,500	10,000	0.37
NJ306E	30	72	19	1.1	1.1	62.5	40.5	58.3	45.1	51	48	8,500	10,000	0.37
NU306E	30	72	19	1.1	1.1	62.5	40.5	58.3	45.1	51	48	8,500	10,000	0.37
N306E	30	72	19	1.1	1.1	62.5	40.5	-	45.1	51	48	8,500	10,000	0.37
NU2306E	30	72	27	1.1	1.1	62.5	40.5	58.3	-	73.5	75	8,500	10,000	0.53
NJ2306E	30	72	27	1.1	1.1	62.5	40.5	58.3	45.1	73.5	75	8,500	10,000	0.53
NU2306E	30	72	27	1.1	1.1	62.5	40.5	58.3	45.1	73.5	75	8,500	10,000	0.53
NU406M1	30	90	23	1.5	1.5	73	45	67.8	-	71	64	7,000	8,500	0.867
NJ406M1	30	90	23	1.5	1.5	73	45	67.8	50.5	71	64	7,000	8,500	0.867
NU406M1	30	90	23	1.5	1.5	73	45	67.8	50.5	71	64	7,000	8,500	0.867
N406M1	30	90	23	1.5	1.5	73	45	-	50.5	71	64	7,000	8,500	0.867
NU1007M	35	62	14	1	0.6	55	42	51.9	-	23.6	24.5	10,000	10,000	0.186
NU207E	35	72	17	1.1	0.6	64	44	60.1	-	50	50	8,500	10,000	0.303
NJ207E	35	72	17	1.1	0.6	64	44	60.1	48	50	50	8,500	10,000	0.303
NU207E	35	72	17	1.1	0.6	64	44	60.1	48	50	50	8,500	10,000	0.303
N207E	35	72	17	1.1	0.6	64	44	-	48	50	50	8,500	10,000	0.303
NU2207E	35	72	23	1.1	0.6	64	44	60.1	-	62	65.5	8,500	10,000	0.395

短圆柱滚子轴承 Cylindrical roller bearings



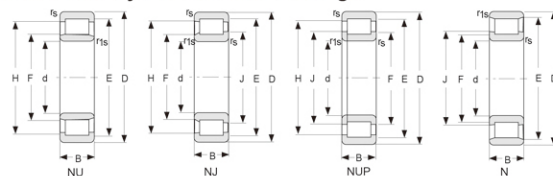
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions								基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight	
	d	D	B	r _{min}	r _{1min}	E	F	H	J	Cr	Cor	Grease 脂		Oil 油
NJ2207E	35	72	23	1.1	0.6	64	44	60.1	48	62	65.5	8,500	10,000	0.395
NUP2207E	35	72	23	1.1	0.6	64	44	60.1	48	62	65.5	8,500	10,000	0.395
NJ307E	35	80	21	1.5	1.1	70.2	46.2	67.5	-	64	63	7,500	9,000	0.485
NJ307E	35	80	21	1.5	1.1	70.2	46.2	67.5	51.2	64	63	7,500	9,000	0.485
NUP307E	35	80	21	1.5	1.1	70.2	46.2	67.5	51.2	64	63	7,500	9,000	0.485
N307E	35	80	21	1.5	1.1	70.2	46.2	-	51.2	64	63	7,500	9,000	0.485
NU2307E	35	80	31	1.5	1.1	70.2	46.2	67.5	-	91.5	98	7,500	9,000	0.72
NJ2307E	35	80	31	1.5	1.1	70.2	46.2	67.5	51.2	91.5	98	7,500	9,000	0.72
NUP2307E	35	80	31	1.5	1.1	70.2	46.2	67.5	51.2	91.5	98	7,500	9,000	0.72
NU407	35	100	25	1.5	1.5	83	53	77.6	-	75	69.5	6,300	7,500	1.03
NJ407	35	100	25	1.5	1.5	83	53	77.6	59	75	69.5	6,300	7,500	1.03
NU407	35	100	25	1.5	1.5	83	53	77.6	59	75	69.5	6,300	7,500	1.03
NUP407	35	100	25	1.5	1.5	83	53	77.6	59	75	69.5	6,300	7,500	1.03
N407M1	35	100	25	1.5	1.5	83	53	-	59	75	69.5	6,300	7,500	1.03
NU1008M1	40	68	15	1	0.6	61	47	57.6	-	29	32	9,500	12,000	0.225
NU208E	40	80	18	1.1	1.1	71.5	49.5	67.3	-	53	53	7,500	9,000	0.38
NJ208E	40	80	18	1.1	1.1	71.5	49.5	67.3	54.1	53	53	7,500	9,000	0.38
NU208E	40	80	18	1.1	1.1	71.5	49.5	67.3	54.1	53	53	7,500	9,000	0.38
N208E	40	80	18	1.1	1.1	71.5	49.5	-	54.1	53	53	7,500	9,000	0.38
NU2208E	40	80	23	1.1	1.1	71.5	49.5	67.3	-	71	75	7,500	9,000	0.49
NJ2208E	40	80	23	1.1	1.1	71.5	49.5	67.3	54.1	71	75	7,500	9,000	0.49
NU2208E	40	80	23	1.1	1.1	71.5	49.5	67.3	54.1	71	75	7,500	9,000	0.49
NUP208E	40	90	23	1.5	1.5	80	52	74.9	-	81.5	78	6,300	7,500	0.66
NJ308E	40	90	23	1.5	1.5	80	52	74.9	57.7	81.5	78	6,300	7,500	0.66
NU308E	40	90	23	1.5	1.5	80	52	74.9	57.7	81.5	78	6,300	7,500	0.66
N308E	40	90	23	1.5	1.5	80	52	-	57.7	81.5	78	6,300	7,500	0.66
NU2308E	40	90	33	1.5	1.5	80	52	74.9	-	112	120	6,300	7,500	0.95
NJ2308E	40	90	33	1.5	1.5	80	52	74.9	57.7	112	120	6,300	7,500	0.95
NU2308E	40	90	33	1.5	1.5	80	52	74.9	57.7	112	120	6,300	7,500	0.95
NUP2308E	40	90	33	1.5	1.5	80	52	74.9	57.7	112	120	6,300	7,500	0.95
NU408	40	110	27	2	2	92	58	85.8	-	93	86.5	5,600	6,700	1.31
NJ408	40	110	27	2	2	92	58	85.8	64.8	93	86.5	5,600	6,700	1.31
NU408	40	110	27	2	2	92	58	85.8	64.8	93	86.5	5,600	6,700	1.31
N408	40	110	27	2	2	92	58	-	64.8	93	86.5	5,600	6,700	1.31
NU1009M1	45	75	16	1	0.6	67.5	52.5	63.9	-	32.5	35.6	8,500	10,000	0.287
NU209E	45	85	19	1.1	1.1	76.5	54.5	72.4	-	61	63	7,000	8,500	0.445

短圆柱滚子轴承 Cylindrical roller bearings



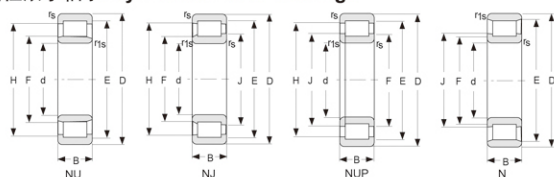
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions									基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	rsm	r1sm	E	F	H	J	Cr	Cor	Grease 脂	Oil 油	
NJ209E	45	85	19	1.1	1.1	76.5	54.5	72.4	59.1	61	63	7.000	8.500	0.445
NUP209E	45	85	19	1.1	1.1	76.5	54.5	72.4	59.1	61	63	7.000	8.500	0.445
N209E	45	85	19	1.1	1.1	76.5	54.5	-	59.1	61	63	7.000	8.500	0.445
NU2209E	45	85	23	1.1	1.1	76.5	54.5	72.4	-	73.5	81.5	7.000	8.500	0.53
NJ2209E	45	85	23	1.1	1.1	76.5	54.5	72.4	59.1	73.5	81.5	7.000	8.500	0.53
NUP2209E	45	85	23	1.1	1.1	76.5	54.5	72.4	59.1	73.5	81.5	7.000	8.500	0.53
NJ309E	45	100	25	1.5	1.5	88.5	58.5	83.1	-	98	100	5.600	6.700	0.895
NJ309E	45	100	25	1.5	1.5	88.5	58.5	83.1	64.6	98	100	5.600	6.700	0.895
NUP309E	45	100	25	1.5	1.5	88.5	58.5	83.1	64.6	98	100	5.600	6.700	0.895
N309E	45	100	25	1.5	1.5	88.5	58.5	-	64.6	98	100	5.600	6.700	0.895
NU2309E	45	100	36	1.5	1.5	88.5	58.5	83.1	-	137	153	5.600	6.700	1.29
NJ2309E	45	100	36	1.5	1.5	88.5	58.5	83.1	64.6	137	153	5.600	6.700	1.29
NUP2309E	45	100	36	1.5	1.5	88.5	58.5	83.1	64.6	137	153	5.600	6.700	1.29
NU409	45	120	29	2	2	100.5	64.5	93.9	-	106	100	5.000	6.000	1.66
NJ409	45	120	29	2	2	100.5	64.5	93.9	71.8	106	100	5.000	6.000	1.66
NUP409	45	120	29	2	2	100.5	64.5	93.9	71.8	106	100	5.000	6.000	1.66
N409M	45	120	29	2	2	100.5	64.5	-	71.8	106	100	5.000	6.000	1.66
NU1010M1	50	80	16	1	0.6	72.5	57.5	68.9	-	36	41.5	8.000	9.500	0.315
NU210E	50	90	20	1.1	1.1	81.5	59.5	77.4	-	64	68	6.700	8.000	0.49
NJ210E	50	90	20	1.1	1.1	81.5	59.5	77.4	64.1	64	68	6.700	8.000	0.49
NUP210E	50	90	20	1.1	1.1	81.5	59.5	77.4	64.1	64	68	6.700	8.000	0.49
N210E	50	90	20	1.1	1.1	81.5	59.5	-	64.1	64	68	6.700	8.000	0.49
NU2210E	50	90	23	1.1	1.1	81.5	59.5	77.4	-	78	88	6.700	8.000	0.575
NJ2210E	50	90	23	1.1	1.1	81.5	59.5	77.4	64.1	78	88	6.700	8.000	0.575
NUP2210E	50	90	23	1.1	1.1	81.5	59.5	77.4	64.1	78	88	6.700	8.000	0.575
NU310E	50	110	27	2	2	97	65	91.4	-	110	114	5.300	6.300	1.14
NJ310E	50	110	27	2	2	97	65	91.4	71.4	110	114	5.300	6.300	1.14
NUP310E	50	110	27	2	2	97	65	91.4	71.4	110	114	5.300	6.300	1.14
N310E	50	110	27	2	2	97	65	-	71.4	110	114	5.300	6.300	1.14
NU3210E	50	110	40	2	2	97	65	91.4	-	163	186	5.300	6.300	1.74
NJ3210E	50	110	40	2	2	97	65	91.4	71.4	163	186	5.300	6.300	1.74
NUP3210E	50	110	40	2	2	97	65	91.4	71.4	163	186	5.300	6.300	1.74
NU410	50	130	31	2.1	2.1	110.8	70.8	103.6	-	129	125	4.500	5.300	2.08
NJ410	50	130	31	2.1	2.1	110.8	70.8	103.6	78.8	129	125	4.500	5.300	2.08

短圆柱滚子轴承 Cylindrical roller bearings



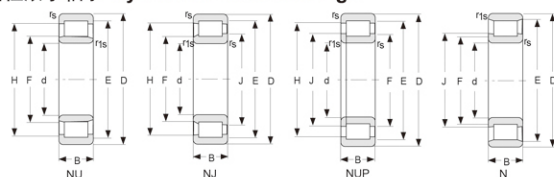
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions								基本额定负荷 (kN) Basic Ratings			极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	r _{sm}	r _{1sm}	E	F	H	J	Cr	Cor	Grease 脂	Oil 油	
NUP410	50	130	31	2.1	2.1	110.8	70.8	103.6	78.8	129	125	4.500	5.300	2.08
N410	50	130	31	2.1	2.1	110.8	70.8	-	78.8	129	125	4.500	5.300	2.08
NU1011M1	55	90	18	1.1	1	80.5	64.5	76.7	-	41.5	50	7.000	8.500	0.464
NU211E	55	100	21	1.5	1.1	90	66	85.6	-	83	95	6.000	7.000	0.665
NJ211E	55	100	21	1.5	1.1	90	66	85.6	71	83	95	6.000	7.000	0.665
NUP211E	55	100	21	1.5	1.1	90	66	85.6	71	83	95	6.000	7.000	0.665
N211E	55	100	21	1.5	1.1	90	66	-	71	83	95	6.000	7.000	0.665
NJ2211E	55	100	25	1.5	1.1	90	66	85.6	-	98	118	6.000	7.000	0.78
NU2211E	55	100	25	1.5	1.1	90	66	85.6	71	98	118	6.000	7.000	0.78
NUP2211E	55	100	25	1.5	1.1	90	66	85.6	71	98	118	6.000	7.000	0.78
NU311E	55	120	29	2	2	106.5	70.5	100.3	-	134	140	4.800	5.600	1.47
NJ311E	55	120	29	2	2	106.5	70.5	100.3	77.7	134	140	4.800	5.600	1.47
NUP311E	55	120	29	2	2	106.5	70.5	100.3	77.7	134	140	4.800	5.600	1.47
N311E	55	120	29	2	2	106.5	70.5	-	77.7	134	140	4.800	5.600	1.47
NU3211E	55	120	43	2	2	106.5	70.5	100.3	-	200	228	4.800	5.600	2.23
NJ3211E	55	120	43	2	2	106.5	70.5	100.3	77.7	200	228	4.800	5.600	2.23
NUP3211E	55	120	43	2	2	106.5	70.5	100.3	77.7	200	228	4.800	5.600	2.23
NU411	55	140	33	2.1	2.1	117.2	77.2	109.9	-	140	137	4.300	5.000	2.54
NJ411	55	140	33	2.1	2.1	117.2	77.2	109.9	85.2	140	137	4.300	5.000	2.54
NUP411	55	140	33	2.1	2.1	117.2	77.2	109.9	85.2	140	137	4.300	5.000	2.54
N411M	55	140	33	2.1	2.1	117.2	77.2	-	85.2	140	137	4.300	5.000	2.54
NU1020M1	60	95	18	1.1	1	85.5	69.5	81.7	-	44	55	6.700	8.000	0.491
NU212E	60	110	22	1.5	1.5	100	72	95.1	-	95	104	5.300	6.300	0.825
NJ212E	60	110	22	1.5	1.5	100	72	95.1	77.7	95	104	5.300	6.300	0.825
NUP212E	60	110	22	1.5	1.5	100	72	95.1	77.7	95	104	5.300	6.300	0.825
N212E	60	110	22	1.5	1.5	100	72	-	77.7	95	104	5.300	6.300	0.825
NU2212E	60	110	28	1.5	1.5	100	72	95.1	-	129	153	5.300	6.300	1.08
NJ2212E	60	110	28	1.5	1.5	100	72	95.1	77.7	129	153	5.300	6.300	1.08
NUP2212E	60	110	28	1.5	1.5	100	72	95.1	77.7	129	153	5.300	6.300	1.08
N2212E	60	110	28	1.5	1.5	100	72	95.1	-	129	153	5.300	6.300	1.08
NU312E	60	130	31	2.1	2.1	115	77	108.5	-	150	156	4.300	5.000	1.85
NJ312E	60	130	31	2.1	2.1	115	77	108.5	84.5	150	156	4.300	5.000	1.85
NUP312E	60	130	31	2.1	2.1	115	77	108.5	84.5	150	156	4.300	5.000	1.85
N312E	60	130	31	2.1	2.1	115	77	-	84.5	150	156	4.300	5.000	1.85
NU3212E	60	130	46	2.1	2.1	115	77	108.5	-	224	260	4.300	5.000	2.78

短圆柱滚子轴承 Cylindrical roller bearings



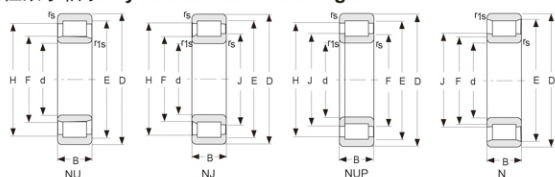
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions							基本额定负荷 (kN) Basic Ratings			极限转速 Limiting Speeds		重量 (kg) Weight	
	d	D	B	r _{min}	r _{1min}	E	F	H	J	Cr	Cor	Grease 脂		Oil 油
NJ2312E	60	130	46	2.1	2.1	115	77	108.5	84.5	224	260	4,300	5,000	2.78
NUP2312E	60	130	46	2.1	2.1	115	77	108.5	84.5	224	260	4,300	5,000	2.78
NJ412	60	150	35	2.1	2.1	127	83	118.8	-	166	170	4,000	4,800	3.07
NJ412	60	150	35	2.1	2.1	127	83	118.8	91.8	166	170	4,000	4,800	3.07
NUP412	60	150	35	2.1	2.1	127	83	118.8	91.8	166	170	4,000	4,800	3.07
N412	60	150	35	2.1	2.1	127	83	-	91.8	166	170	4,000	4,800	3.07
NU1013M1	65	100	18	1.1	-	90.5	74.5	86.7	-	45	58.5	6,300	7,500	0.523
NJ213E	65	120	23	1.5	1.5	108.5	78.5	103.2	-	108	120	5,000	6,000	1.05
NJ213E	65	120	23	1.5	1.5	108.5	78.5	103.2	84.6	108	120	5,000	6,000	1.05
NUP213E	65	120	23	1.5	1.5	108.5	78.5	103.2	84.6	108	120	5,000	6,000	1.05
N213E	65	120	23	1.5	1.5	108.5	78.5	-	84.6	108	120	5,000	6,000	1.05
NJ2213E	65	120	31	1.5	1.5	108.5	78.5	103.2	-	150	183	4,800	5,600	1.42
NJ2213E	65	120	31	1.5	1.5	108.5	78.5	103.2	84.6	150	183	4,800	5,600	1.42
NUP2213E	65	120	31	1.5	1.5	108.5	78.5	103.2	84.6	150	183	4,800	5,600	1.42
NU313E	65	140	33	2.1	2.1	124.5	82.5	117.4	-	180	190	4,000	4,800	2.24
NJ313E	65	140	33	2.1	2.1	124.5	82.5	117.4	90.7	180	190	4,000	4,800	2.24
NUP313E	65	140	33	2.1	2.1	124.5	82.5	117.4	90.7	180	190	4,000	4,800	2.24
N313E	65	140	33	2.1	2.1	124.5	82.5	-	90.7	180	190	4,000	4,800	2.24
NU2313E	65	140	48	2.1	2.1	124.5	82.5	117.4	-	245	285	4,000	4,800	3.31
NJ2313E	65	140	48	2.1	2.1	124.5	82.5	117.4	90.7	245	285	4,000	4,800	3.31
NUP2313E	65	140	48	2.1	2.1	124.5	82.5	117.4	90.7	245	285	4,000	4,800	3.31
NU413	65	160	37	2.1	2.1	135.3	89.3	126.9	-	183	285	3,800	4,500	3.68
NJ413	65	160	37	2.1	2.1	135.3	89.3	126.9	98.5	183	186	3,800	4,500	3.68
NUP413	65	160	37	2.1	2.1	135.3	89.3	126.9	98.5	183	186	3,800	4,500	3.68
N413	65	160	37	2.1	2.1	135.3	89.3	-	98.5	183	186	3,800	4,500	3.68
NU1014M1	70	110	20	1.1	-	100	80	95.3	-	64	81.5	5,600	6,700	0.732
NJ214E	70	125	24	1.5	1.5	113.5	83.5	108.2	-	120	137	4,500	5,300	1.17
NJ214E	70	125	24	1.5	1.5	113.5	83.5	108.2	89.6	120	137	4,500	5,300	1.17
NUP214E	70	125	24	1.5	1.5	113.5	83.5	108.2	89.6	120	137	4,500	5,300	1.17
N214E	70	125	24	1.5	1.5	113.5	83.5	-	89.6	120	137	4,500	5,300	1.17
NU2214E	70	125	31	1.5	1.5	113.5	83.5	108.2	-	156	196	4,500	5,300	1.52
NJ2214E	70	125	31	1.5	1.5	113.5	83.5	108.2	89.6	156	196	4,500	5,300	1.52
NUP2214E	70	125	31	1.5	1.5	113.5	83.5	108.2	89.6	156	196	4,500	5,300	1.52
NU314E	70	150	35	2.1	2.1	133	89	125.6	-	204	220	3,800	4,500	2.8

短圆柱滚子轴承 Cylindrical roller bearings



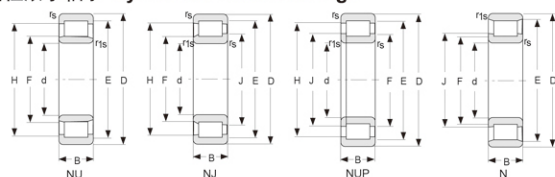
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions							基本额定负荷 (kN) Basic Ratings			极限转速 Limiting Speeds		重量 (kg) Weight	
	d	D	B	r/min	r/min	E	F	H	J	Cr	Cor	Grease 脂		Oil 油
NJ314E	70	150	35	2.1	2.1	133	89	125.6	97.5	204	220	3.800	4.500	2.8
NUP314E	70	150	35	2.1	2.1	133	89	125.6	97.5	204	220	3.800	4.500	2.8
N314E	70	150	35	2.1	2.1	133	89	-	97.5	204	220	3.800	4.500	2.8
NU2314E	70	150	51	2.1	2.1	133	89	125.6	-	275	325	3.800	4.500	4
NJ2314E	70	150	51	2.1	2.1	133	89	125.6	97.5	275	325	3.800	4.500	4
NUP2314E	70	150	51	2.1	2.1	133	89	125.6	97.5	275	325	3.800	4.500	4
NU414	70	180	42	3	3	152	100	142	-	224	232	3.400	4.000	5.46
NJ414	70	180	42	3	3	152	100	142	110.3	224	232	3.400	4.000	5.46
NUP414	70	180	42	3	3	152	100	142	110.3	224	232	3.400	4.000	5.46
NU414M	70	180	42	3	3	152	100	-	110.3	224	232	3.400	4.000	5.46
NU1015M1	75	115	20	1.1	1.1	105	85	100.9	-	65.5	85	5.300	6.300	0.751
NU215E	75	130	25	1.5	1.5	118.5	88.5	113.2	-	132	156	4.500	5.300	1.28
NJ215E	75	130	25	1.5	1.5	118.5	88.5	113.2	94.5	132	156	4.500	5.300	1.28
NUP215E	75	130	25	1.5	1.5	118.5	88.5	113.2	94.5	132	156	4.500	5.300	1.28
N215E	75	130	25	1.5	1.5	118.5	88.5	-	94.5	132	156	4.500	5.300	1.28
NU2215E	75	130	31	1.5	1.5	118.5	88.5	113.2	-	163	208	4.500	5.300	1.6
NJ2215E	75	130	31	1.5	1.5	118.5	88.5	113.2	94.5	163	208	4.500	5.300	1.6
NUP2215E	75	130	31	1.5	1.5	118.5	88.5	113.2	94.5	163	208	4.500	5.300	1.6
NU315E	75	160	37	2.1	2.1	143	95	135	-	240	265	3.400	4.000	3.3
NJ315E	75	160	37	2.1	2.1	143	95	135	104.3	240	265	3.400	4.000	3.3
NUP315E	75	160	37	2.1	2.1	143	95	135	104.3	240	265	3.400	4.000	3.3
N315E	75	160	37	2.1	2.1	143	95	-	104.3	240	265	3.400	4.000	3.3
NU2315E	75	160	55	2.1	2.1	143	95	135	-	325	390	3.400	4.000	4.95
NJ2315E	75	160	55	2.1	2.1	143	95	135	104.3	325	390	3.400	4.000	4.95
NUP2315E	75	160	55	2.1	2.1	143	95	135	104.3	325	390	3.400	4.000	4.95
NU415	75	190	45	3	3	160.5	104.5	149.8	-	260	270	3.200	3.800	6.44
NJ415	75	190	45	3	3	160.5	104.5	149.8	116	260	270	3.200	3.800	6.44
NUP415	75	190	45	3	3	160.5	104.5	149.8	116	260	270	3.200	3.800	6.44
N415M	75	190	45	3	3	160.5	104.5	-	116	260	270	3.200	3.800	6.44
NU1016M1	80	125	12.1	1	1	113.5	91.5	109.1	-	76.5	98	5.000	6.000	1.03
NU216E	80	140	26	2	2	127.3	95.3	121.6	-	140	170	4.000	4.800	1.54
NJ216E	80	140	26	2	2	127.3	95.3	121.6	10.7	140	170	4.000	4.800	1.54
NUP216E	80	140	26	2	2	127.3	95.3	121.6	10.7	140	170	4.000	4.800	1.54
N216E	80	140	26	2	2	127.3	95.3	-	10.7	140	170	4.000	4.800	1.54

短圆柱滚子轴承 Cylindrical roller bearings



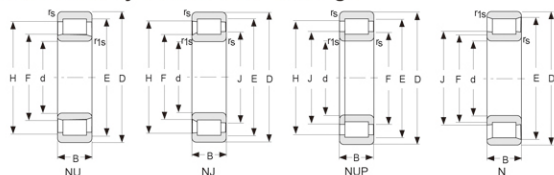
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions								基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight	
	d	D	B	r _{min}	r _{1min}	E	F	H	J	Cr	Cor	Grease 脂		Oil 油
NU2216E	80	140	33	2	2	127.3	95.3	121.6	-	186	245	4,000	4,800	2
NJ2216E	80	140	33	2	2	127.3	95.3	121.6	101.7	186	245	4,000	4,800	2
NUP2216E	80	140	33	2	2	127.3	95.3	121.6	101.7	186	245	4,000	4,800	2
NJ316E	80	140	39	2.1	2.1	151	101	142.7	-	255	275	4,000	3,800	3.93
N316E	80	170	39	2.1	2.1	151	101	142.7	110.6	255	275	3,200	3,800	3.93
NUP316E	80	170	39	2.1	2.1	151	101	142.7	110.6	255	275	3,200	3,800	3.93
N316E	80	170	39	2.1	2.1	151	101	-	110.6	255	275	3,200	3,800	3.93
NJ2316E	80	170	58	2.1	2.1	151	101	142.7	-	355	425	3,200	3,800	5.89
N2316E	80	170	58	2.1	2.1	151	101	142.7	-	355	425	3,200	3,800	5.89
NUP2316E	80	170	58	2.1	2.1	151	101	142.7	110.6	355	425	3,200	3,800	5.89
N416M	80	200	48	3	3	170	110	158.8	110.6	300	310	3,000	3,600	8.23
NJ416M	80	200	48	3	3	170	110	158.8	-	300	310	3,000	3,600	8.23
NUP416M	80	200	48	3	3	170	110	158.8	122	300	310	3,000	3,600	8.23
N416M	80	200	48	3	3	170	110	-	122	300	310	3,000	3,600	8.23
NU1017M1	85	130	22	1.1	1	118.5	96.5	114.1	122	78	104	4,800	5,600	1.08
NU217E	85	150	28	2	2	136.5	100.5	130.3	-	163	193	3,800	4,500	1.89
NJ217E	85	150	28	2	2	136.5	100.5	130.3	-	163	193	3,800	4,500	1.89
NUP217E	85	150	28	2	2	136.5	100.5	130.3	107.6	163	193	3,800	4,500	1.89
N217E	85	150	28	2	2	136.5	100.5	-	107.6	163	193	3,800	4,500	1.89
NJ2217E	85	150	36	2	2	136.5	100.5	130.3	-	216	275	3,800	4,500	2.48
N2217E	85	150	36	2	2	136.5	100.5	130.3	107.6	216	275	3,800	4,500	2.48
NUP2217E	85	150	36	2	2	136.5	100.5	130.3	107.6	216	275	3,800	4,500	2.48
NJ317E	85	180	41	3	3	160	108	151.3	-	270	300	3,000	3,600	4.68
N317E	85	180	41	3	3	160	108	151.3	118	270	300	3,000	3,600	4.68
NUP317E	85	180	41	3	3	160	108	151.3	118	270	300	3,000	3,600	4.68
N317E	85	180	41	3	3	160	108	-	118	270	300	3,000	3,600	4.68
NJ317E	85	180	41	3	3	160	108	151.3	-	270	300	3,000	3,600	4.68
N317E	85	180	41	3	3	160	108	151.3	-	270	300	3,000	3,600	4.68
NUP317E	85	180	41	3	3	160	108	151.3	118	270	300	3,000	3,600	4.68
N417M	85	210	52	4	4	117	113	164.8	-	335	355	2,800	3,400	9.81
NJ417M	85	210	52	4	4	117	113	164.8	126	335	355	2,800	3,400	9.81
NUP417M	85	210	52	4	4	117	113	164.8	126	335	355	2,800	3,400	9.81
N417M	85	210	52	4	4	117	113	-	126	335	355	2,800	3,400	9.81
NU1018M1	90	140	24	1.5	1.1	127	103	122.1	-	93	125	4,500	5,300	1.4

短圆柱滚子轴承 Cylindrical roller bearings



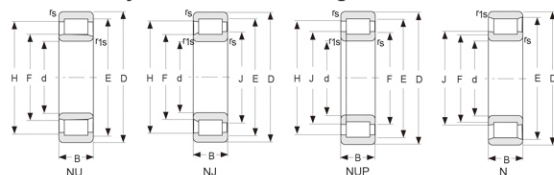
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions								基本额定负荷 (kN) Basic Ratings			极限转速 Limiting Speeds		重量 (kg) Weight
	d	D	B	r/min	t _{min}	E	F	H	J	Cr	Cor	Grease 脂	Oil 油	
NU218E	90	160	30	2	2	145	107	138.5	-	183	216	3,600	4,300	2.36
NJ218E	90	160	30	2	2	145	107	138.5	114.5	183	216	3,600	4,300	2.36
NUP218E	90	160	30	2	2	145	107	138.5	114.5	183	216	3,600	4,300	2.36
N218E	90	160	30	2	2	145	107	-	114.5	183	216	3,600	4,300	2.36
NU2218E	90	160	40	2	2	145	107	138.5	-	240	315	3,600	4,300	3.18
NJ2218E	90	160	40	2	2	145	107	138.5	114.5	240	315	3,600	4,300	3.18
NUP2218E	90	160	40	2	2	145	107	138.5	114.5	240	315	3,600	4,300	3.18
N318E	90	190	43	3	3	169.5	113.5	160.2	-	315	345	2,800	3,400	5.42
NJ318E	90	190	43	3	3	169.5	113.5	160.2	124	315	345	2,800	3,400	5.42
NUP318E	90	190	43	3	3	169.5	113.5	160.2	124	315	345	2,800	3,400	5.42
N318E	90	190	43	3	3	169.5	113.5	-	124	315	345	2,800	3,400	5.42
NJ318E	90	190	43	3	3	169.5	113.5	160.2	-	315	345	2,800	3,400	5.42
NUP318E	90	190	43	3	3	169.5	113.5	160.2	124	315	345	2,800	3,400	5.42
N318E	90	190	43	3	3	169.5	113.5	160.2	124	315	345	2,800	3,400	5.42
NUP318E	90	190	43	3	3	169.5	113.5	160.2	124	315	345	2,800	3,400	5.42
N418M	90	225	54	4	4	191.5	123.5	178.8	-	365	390	2,600	3,200	11.7
NJ418M	90	225	54	4	4	191.5	123.5	178.8	137	365	390	2,600	3,200	11.7
NUP418M	90	225	54	4	4	191.5	123.5	178.8	137	365	390	2,600	3,200	11.7
N418M	90	225	54	4	4	191.5	123.5	-	137	365	390	2,600	3,200	11.7
NU1019M1	95	145	24	1.5	1.1	132	108	127.1	-	96.5	129	4,300	5,000	1.44
NJ219E	95	170	32	2.1	2.1	154.5	112.5	147.4	-	220	265	3,200	3,800	2.83
N219E	95	170	32	2.1	2.1	154.5	112.5	147.4	120.7	220	265	3,200	3,800	2.83
NUP219E	95	170	32	2.1	2.1	154.5	112.5	147.4	120.7	220	265	3,200	3,800	2.83
N219E	95	170	32	2.1	2.1	154.5	112.5	-	120.7	220	265	3,200	3,800	2.83
NJ2219E	95	170	43	2.1	2.1	154.5	112.5	147.4	-	285	375	3,200	3,800	3.83
N2219E	95	170	43	2.1	2.1	154.5	112.5	147.4	120.7	285	375	3,200	3,800	3.83
NUP2219E	95	170	43	2.1	2.1	154.5	112.5	147.4	120.7	285	375	3,200	3,800	3.83
N319E	95	200	45	3	3	177.5	121.5	168.2	-	335	380	2,800	3,400	6.28
NJ319E	95	200	45	3	3	177.5	121.5	168.2	132.2	335	380	2,800	3,400	6.28
NUP319E	95	200	45	3	3	177.5	121.5	168.2	132.2	335	380	2,800	3,400	6.28
N319E	95	200	45	3	3	177.5	121.5	-	132.2	335	380	2,800	3,400	6.28
NJ319E	95	200	45	3	3	177.5	121.5	168.2	-	335	380	2,800	3,400	6.28
NUP319E	95	200	45	3	3	177.5	121.5	168.2	132.2	335	380	2,800	3,400	6.28
N319E	95	200	45	3	3	177.5	121.5	168.2	132.2	335	380	2,800	3,400	6.28
NUP319E	95	200	45	3	3	177.5	121.5	168.2	132.2	335	380	2,800	3,400	6.28
N419M	95	240	55	4	4	201.5	133.5	188.8	-	390	430	2,400	3,000	13.8

短圆柱滚子轴承 Cylindrical roller bearings



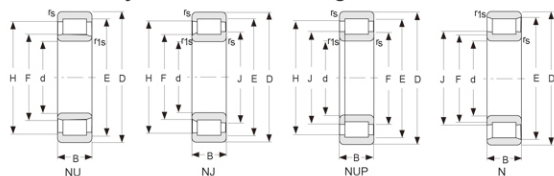
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions								基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight	
	d	D	B	r _{1s}	r _{1e}	E	F	H	J	Cr	Cor	Grease 脂		Oil 油
NJ419M	95	240	55	4	4	201.5	133.5	188.8	147	390	430	2.400	3.000	13.8
NUP419M	95	240	55	4	4	201.5	133.5	188.8	147	390	430	2.400	3.000	13.8
N419M	95	240	55	4	4	201.5	133.5	-	147	390	430	2.400	3.000	13.8
NU1020M1	100	150	24	1.5	1.1	137	113	132.1	-	98	134	4.000	4.800	1.52
NJ220E	100	180	34	2.1	2.1	163	119	155.5	-	250	305	3.200	3.800	3.44
NJ220E	100	180	34	2.1	2.1	163	119	155.5	127.3	250	305	3.200	3.800	3.44
NUP220E	100	180	34	2.1	2.1	163	119	155.5	127.3	250	305	3.200	3.800	3.44
N220E	100	180	34	2.1	2.1	163	119	-	127.3	250	305	3.200	3.800	3.44
NJ2220E	100	180	46	2.1	2.1	163	119	155.5	-	335	440	3.200	3.800	4.77
NJ2220E	100	180	46	2.1	2.1	163	119	155.5	127.3	335	440	3.200	3.800	4.77
NUP2220E	100	180	46	2.1	2.1	163	119	155.5	127.3	335	440	3.200	3.800	4.77
NJ320E	100	215	47	3	3	191.5	127.5	181	-	380	425	2.600	3.200	7.66
NJ320E	100	215	47	3	3	191.5	127.5	181	139.6	380	425	2.600	3.200	7.66
N320EM1	100	215	47	3	3	191.5	127.5	-	139.6	380	425	2.600	3.200	8.8
NU2320E	100	215	73	3	3	191.5	127.5	181	-	570	720	2.600	3.200	12
NJ2320E	100	215	73	3	3	191.5	127.5	181	139.6	570	720	2.600	3.200	12
NUP2320E	100	215	73	3	3	191.5	127.5	181	139.6	570	720	2.600	3.200	12
NU420M	100	250	58	4	4	211	139	197	-	440	490	2.400	3.000	15.7
NJ420M	100	250	58	4	4	211	139	197	153.5	440	490	2.400	3.000	15.7
NJ420M	100	250	58	4	4	211	139	197	153.5	440	490	2.400	3.000	15.7
N420M	100	250	58	4	4	211	139	-	153.5	440	490	2.400	3.000	15.7
NU1021M1	105	160	26	2	1.1	145	119.5	140.3	-	112	153	3.800	4.500	1.89
NJ221E	105	190	36	2.1	2.1	171.5	125.5	163	-	260	320	3.000	3.600	4.04
NJ221E	105	190	36	2.1	2.1	171.5	125.5	163	134.7	260	320	3.000	3.600	4.04
NUP221E	105	190	36	2.1	2.1	171.5	125.5	163	134.7	260	320	3.000	3.600	4.04
N221EM1	105	190	36	2.1	2.1	171.5	125.5	-	134.7	260	320	3.000	3.600	4.69
NU321	105	225	49	3	3	195	135	183.8	-	335	380	2.600	3.200	9.09
NJ321	105	225	49	3	3	195	135	183.8	147	335	380	2.600	3.200	9.09
NUP321	105	225	49	3	3	195	135	183.8	147	335	380	2.600	3.200	9.09
N321M	105	225	49	3	3	195	135	-	147	335	380	2.600	3.200	9.09
NU421M	105	260	60	4	4	220.5	144.5	206	-	490	540	2.200	2.800	17.4
NJ421M	105	260	60	4	4	220.5	144.5	206	159.5	490	540	2.200	2.800	17.4
NJ421M	105	260	60	4	4	220.5	144.5	206	159.5	490	540	2.200	2.800	17.4

短圆柱滚子轴承 Cylindrical roller bearings



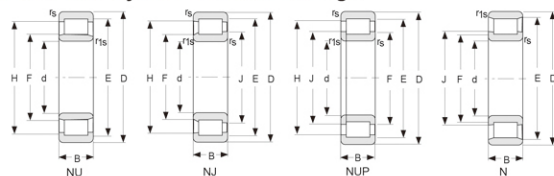
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions								基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight	
	d	D	B	r _{1s}	r _{1min}	E	F	H	J	Cr	Cor	Grease 脂		Oil 油
NU1022M1	110	170	28	2	1.1	155	125	149	-	140	190	3.600	4.300	2.38
NJ222E	110	200	38	2.1	2.1	180.5	132.5	172.4	-	290	365	2.800	3.400	4.85
NJ222E	110	200	38	2.1	2.1	180.5	132.5	172.4	141.6	290	365	2.800	3.400	4.85
NJ222E	110	200	38	2.1	2.1	180.5	132.5	172.4	141.6	290	365	2.800	3.400	4.85
N222E	110	200	38	2.1	2.1	180.5	132.5	-	141.6	290	365	2.800	3.400	4.85
NJ2222E	110	200	53	2.1	2.1	180.5	132.5	172.4	-	380	520	2.800	3.400	6.68
NJ2222E	110	200	53	2.1	2.1	180.5	132.5	172.4	141.6	380	520	2.800	3.400	6.68
NJ2222E	110	200	53	2.1	2.1	180.5	132.5	172.4	141.6	380	520	2.800	3.400	6.68
NUP322E	110	240	50	3	3	211	143	199.9	-	415	475	2.400	3.000	10.6
NJ322E	110	240	50	3	3	211	143	199.9	155.9	415	475	2.400	3.000	10.6
NUP322E	110	240	50	3	3	211	143	199.9	155.9	415	475	2.400	3.000	10.6
N322EM1	110	240	50	3	3	211	143	-	155.9	415	475	2.400	3.000	11.9
NU2322E	110	240	80	3	3	211	143	199.9	-	630	800	2.200	2.800	16.9
NJ2322E	110	240	80	3	3	211	143	199.9	155.9	630	800	2.200	2.800	16.9
NUP2322E	110	240	80	3	3	211	143	199.9	155.9	630	800	2.200	2.800	16.9
N422	110	280	65	4	4	235	155	219.5	-	540	610	2.200	2.800	20.8
NJ422	110	280	65	4	4	235	155	219.5	171	540	610	2.200	2.800	20.8
NJ422	110	280	65	4	4	235	155	219.5	171	540	610	2.200	2.800	20.8
NU1024M1	120	180	28	2	1.1	165	135	158.8	-	150	208	3.400	4.000	2.55
NJ224E	120	215	40	2.1	2.1	195.5	143.5	186.9	-	335	415	2.600	3.200	5.74
NJ224E	120	215	40	2.1	2.1	195.5	143.5	186.9	153.5	335	415	2.600	3.200	5.74
NUP224E	120	215	40	2.1	2.1	195.5	143.5	186.9	153.5	335	415	2.600	3.200	5.74
N224E	120	215	40	2.1	2.1	195.5	143.5	-	153.5	335	415	2.600	3.200	5.74
NJ2224E	120	215	58	2.1	2.1	195.5	143.5	186.9	-	450	610	2.600	3.200	8.29
NJ2224E	120	215	58	2.1	2.1	195.5	143.5	186.9	153.5	450	610	2.600	3.200	8.29
NUP2224E	120	215	58	2.1	2.1	195.5	143.5	186.9	153.5	450	610	2.600	3.200	8.29
NU324E	120	260	55	3	3	230	154	217.3	-	520	600	2.200	2.800	13.3
NJ324E	120	260	55	3	3	230	154	217.3	168.7	520	600	2.200	2.800	13.3
NJ324E	120	260	55	3	3	230	154	217.3	168.7	520	600	2.200	2.800	13.3
N324EM1	120	260	55	3	3	230	154	-	168.7	520	600	2.200	2.800	15.2
NU2324EM1	120	260	86	3	3	230	154	217.3	-	780	1020	2.000	2.600	23.6
NJ2324EM1	120	260	86	3	3	230	154	217.3	168.7	780	1020	2.000	2.600	23.6
NUP2324EM1	120	260	86	3	3	230	154	217.3	168.7	780	1020	2.000	2.600	23.6
NU424M	120	310	72	5	5	260	170	242.5	-	670	780	1.900	2.400	30.6

短圆柱滚子轴承 Cylindrical roller bearings



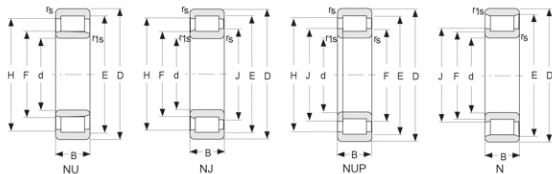
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions								基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight	
	d	D	B	rsmn	r1smn	E	F	H	J	Cr	Cor	Grease 脂		Oil 油
NJ424M	120	310	72	5	5	260	170	242.5	188	670	780	1.900	2.400	30.6
NUP424M	120	310	72	5	5	260	170	242.5	188	670	780	1.900	2.400	30.6
NU1026M1	130	200	33	2	1.1	182	148	175	-	180	250	3.000	3.600	3.91
NU226E	130	230	40	3	3	209.5	153.5	200.2	-	360	450	2.400	3.000	6.5
NJ226E	130	230	40	3	3	209.5	153.5	200.2	164.2	360	450	2.400	3.000	6.5
NUP226E	130	230	40	3	3	209.5	153.5	200.2	164.2	360	450	2.400	3.000	6.5
N226E	130	230	40	3	3	209.5	153.5	-	164.2	360	450	2.400	3.000	6.5
NJ2226E	130	230	64	3	3	209.5	153.5	200.2	-	530	735	2.400	3.000	10.3
N2226E	130	230	64	3	3	209.5	153.5	200.2	164.2	530	735	2.400	3.000	10.3
NUP2226E	130	230	64	3	3	209.5	153.5	200.2	164.2	530	735	2.400	3.000	10.3
NJ326E	130	280	58	4	4	247	167	233.8	-	570	670	2.000	2.600	16.5
NJ326E	130	280	58	4	4	247	167	233.8	182.3	570	670	2.000	2.600	16.5
NUP326E	130	280	58	4	4	247	167	233.8	182.3	570	670	2.000	2.600	16.5
N326E	130	280	58	4	4	247	167	-	182.3	570	670	2.000	2.600	16.5
NU2326E	130	280	93	4	4	247	167	233.8	-	915	1220	1.900	2.400	29.6
NJ2326E	130	280	93	4	4	247	167	233.8	182.3	915	1220	1.900	2.400	29.6
NUP2326E	130	280	93	4	4	247	167	233.8	182.3	915	1220	1.900	2.400	29.6
NU1028M1	140	210	33	2	1.1	192	158	185	-	183	265	2.800	3.400	4.1
NU228E	140	250	42	3	3	225	169	215.3	-	390	510	2.400	3.000	9.34
NJ228E	140	250	42	3	3	225	169	215.3	180	390	510	2.400	3.000	9.34
NUP228E	140	250	42	3	3	225	169	215.3	180	390	510	2.400	3.000	9.34
N228E	140	250	42	3	3	225	169	-	180	390	510	2.400	3.000	9.34
NU2228E	140	250	68	3	3	225	169	215.3	-	570	830	2.200	2.800	15.2
NJ2228E	140	250	68	3	3	225	169	215.3	180	570	830	2.200	2.800	15.2
NUP2228E	140	250	68	3	3	225	169	215.3	180	570	830	2.200	2.800	15.2
NU328E	140	300	62	4	4	264	180	250.3	-	670	800	1.900	2.400	22.5
NJ328E	140	300	62	4	4	264	180	250.3	195.5	670	800	1.900	2.400	22.5
NUP328E	140	300	62	4	4	264	180	250.3	195.5	670	800	1.900	2.400	22.5
N328E	140	300	62	4	4	264	180	-	195.5	670	800	1.900	2.400	22.9
NU2328E	140	300	102	4	4	264	180	250.3	-	1020	1400	1.800	2.200	37.2
NJ2328E	140	300	102	4	4	264	180	250.3	195.5	1020	1400	1.800	2.200	37.2
NUP2328E	140	300	102	4	4	264	180	250.3	195.5	1020	1400	1.800	2.200	37.2
NU1030M1	150	225	35	2.1	1.5	205.5	169.5	198.1	-	208	310	2.600	3.200	4.99
NU230E	150	270	45	3	3	242	182	231.8	-	440	585	2.200	2.800	11.8

短圆柱滚子轴承 Cylindrical roller bearings



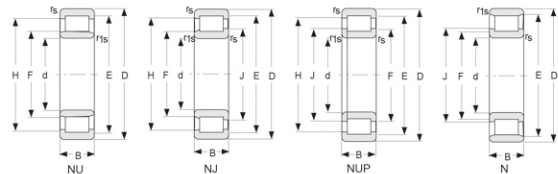
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions								基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight	
	d	D	B	rsmn	r1smn	E	F	H	J	Cr	Cor	Grease 脂		Oil 油
NJ230M1	150	270	45	3	3	242	182	231.8	193.7	440	585	2.200	2.800	11.8
NUP230E	150	270	45	3	3	242	182	231.8	193.7	440	585	2.200	2.800	11.8
N230E	150	270	45	3	3	242	182	-	193.7	440	585	2.200	2.800	11.8
NU2230E	150	270	73	3	3	242	182	231.8	-	655	980	2.000	2.600	19.2
NJ2230E	150	270	73	3	3	242	182	231.8	193.7	655	980	2.000	2.600	19.2
NUP2230E	150	270	73	3	3	242	182	231.8	193.7	655	980	2.000	2.600	19.2
NJ330E	150	320	65	4	4	283	193	268.4	-	800	1000	1.800	2.200	27.3
N330E	150	320	65	4	4	283	193	268.4	210.1	800	1000	1.800	2.200	27.3
NUP330E	150	320	65	4	4	283	193	268.4	210.1	800	1000	1.800	2.200	27.3
N330E	150	320	65	4	4	283	193	-	210.1	800	1000	1.800	2.200	27.3
NU2330E	150	320	108	4	4	283	193	268.4	-	1160	1600	1.700	2.000	44.7
NJ2330E	150	320	108	4	4	283	193	268.4	210.1	1160	1600	1.700	2.000	44.7
NUP2330E	150	320	108	4	4	283	193	268.4	210.1	1160	1600	1.700	2.000	44.7
NU1032M1	160	240	38	2.1	1.5	220	180	211.7	-	245	355	2.400	3.000	6.2
NU232E	160	290	48	3	3	259	195	248.2	-	500	670	2.000	2.600	14.6
NJ232E	160	290	48	3	3	259	195	248.2	207.4	500	670	2.000	2.600	14.6
NUP232E	160	290	48	3	3	259	195	248.2	207.4	500	670	2.000	2.600	14.6
N232E	160	290	48	3	3	259	195	-	207.4	500	670	2.000	2.600	14.6
NU2232E	160	290	80	3	3	261	193	249.7	-	800	1180	1.900	2.400	24.3
NJ2232E	160	290	80	3	3	261	193	249.7	206.1	800	1180	1.900	2.400	24.3
NUP2232E	160	290	80	3	3	261	193	249.7	206.1	800	1180	1.900	2.400	24.3
N2232E	160	340	68	4	4	300	204	284.6	-	865	1060	1.600	1.900	32.1
NJ332E	160	340	68	4	4	300	204	284.6	222.2	865	1060	1.600	1.900	32.1
NUP332E	160	340	68	4	4	300	204	284.6	222.2	865	1060	1.600	1.900	32.1
N332E	160	340	68	4	4	300	204	-	222.2	865	1060	1.600	1.900	32.1
NU2332E	160	340	114	4	4	300	204	284.6	-	1320	1830	1.600	1.900	53.2
NJ2332E	160	340	114	4	4	300	204	284.6	222.2	1320	1830	1.600	1.900	53.2
NUP2332E	160	340	114	4	4	300	204	284.6	222.2	1320	1830	1.600	1.900	53.2
NU1034M1	170	260	42	2.1	2.1	237	193	227.7	200.9	300	430	2.200	2.800	8.36
NU234E	170	310	52	4	4	279	207	267.1	-	585	780	1.800	2.200	18.1
NJ234E	170	310	52	4	4	279	207	267.1	220.8	585	780	1.800	2.200	18.1
NUP234E	170	310	52	4	4	279	207	267.1	220.8	585	780	1.800	2.200	18.1
N234E	170	310	52	4	4	279	207	-	220.8	585	780	1.800	2.200	18.1
NU2234E	170	310	86	4	4	281	205	268.5	-	950	1400	1.700	2.000	29.8

短圆柱滚子轴承 Cylindrical roller bearings



轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions								基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight	
	d	D	B	r/min	r1/min	E	F	H	J	Cr	Cor	Grease 脂		Oil 油
NJ2234EM1	170	310	86	4	4	281	205	268.5	219.6	950	1400	1.700	2.000	29.8
NUP2234EM1	170	310	86	4	4	281	205	268.5	219.6	950	1400	1.700	2.000	29.8
NJ334M	170	360	72	4	4	310	220	292.5	-	800	1020	1.600	1.900	37.9
NJ334M	170	360	72	4	4	310	220	292.5	238	800	1020	1.600	1.900	37.9
N334M	170	360	72	4	4	310	220	-	238	800	1020	1.600	1.900	37.9
NU2334M	170	360	120	4	4	310	220	292.5	-	1220	1760	1.500	1.800	63.3
NJ2334M	170	360	120	4	4	310	220	292.5	238	1220	1760	1.500	1.800	63.3
NUP2334M	170	360	120	4	4	310	220	292.5	238	1220	1760	1.500	1.800	63.3
NU1036M1	180	280	46	2.1	2.1	255	205	244.7	214.1	360	520	2.200	2.800	10.9
NU236EM1	180	320	52	4	4	289	217	277.2	-	610	830	1.800	2.200	18.8
NJ236EM1	180	320	52	4	4	289	217	277.2	230.2	610	830	1.800	2.200	18.8
NUP236EM1	180	320	52	4	4	289	217	277.2	230.2	610	830	1.800	2.200	18.8
NJ236EM1	180	320	52	4	4	289	217	-	230.2	610	830	1.800	2.200	18.8
NUP2236EM1	180	320	86	4	4	291	215	278.6	-	1000	1500	1.700	2.000	31.1
NJ2236EM1	180	320	86	4	4	291	215	278.6	229.6	1000	1500	1.700	2.000	31.1
NUP2236EM1	180	320	86	4	4	291	215	278.6	229.6	1000	1500	1.700	2.000	31.1
NJ336M	180	380	75	4	4	328	232	308.5	-	900	1160	1.500	1.800	44
NJ336M	180	380	75	4	4	328	232	308.5	252	900	1160	1.500	1.800	44
NUP336M	180	380	75	4	4	328	232	308.5	252	900	1160	1.500	1.800	44
N336M	180	380	75	4	4	328	232	-	252	900	1160	1.500	1.800	44
NJ2336M	180	380	126	4	4	328	232	308.5	-	1370	2000	1.400	1.700	73.9
NJ2336M	180	380	126	4	4	328	232	308.5	252	1370	2000	1.400	1.700	73.9
NUP2336M	180	380	126	4	4	328	232	308.5	252	1370	2000	1.400	1.700	73.9
NU1038M1	190	290	46	2.1	2.1	265	215	254.5	225	365	550	2.900	2.600	11.4
NJ238EM1	190	340	55	4	4	306	230	293.6	-	680	930	1.700	2.000	22.7
NJ238EM1	190	340	55	4	4	306	230	293.6	244.6	680	930	1.700	2.000	22.7
NUP238EM1	190	340	55	4	4	306	230	293.6	244.6	680	930	1.700	2.000	22.7
N338EM1	190	340	55	4	4	306	230	-	244.6	680	930	1.700	2.000	22.7
NJ2238EM1	190	340	92	4	4	308	228	295	-	1100	1660	1.600	1.900	37.8
NJ2238EM1	190	340	92	4	4	308	228	295	243.3	1100	1660	1.600	1.900	37.8
NU338M	190	400	78	5	5	345	245	324.3	-	965	1250	1.400	1.700	50.5
NJ2338M	190	400	132	5	5	345	245	324.3	-	1500	2200	1.400	1.700	85.8
NJ2338M	190	400	132	5	5	345	245	324.3	265	1500	2200	1.400	1.700	85.8

短圆柱滚子轴承 Cylindrical roller bearings



轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions								基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		重量 (kg) Weight	
	d	D	B	rsm	r1sm	E	F	H	J	Cr	Cor	Grease 脂		Oil 油
NUP2338M	190	400	132	5	5	345	245	324.3	265	1500	2200	1.400	1.700	85.8
NU1040M1	200	310	51	2.1	2.1	281	229	270.1	239.4	400	600	1.900	2.400	14.8
NU240EM1	200	360	58	4	4	323	243	310.1	-	750	1040	1.600	1.900	26.9
NJ240EM1	200	360	58	4	4	323	243	310.1	258.2	750	1040	1.600	1.900	26.9
NUP240EM1	200	360	58	4	4	323	243	310.1	258.2	750	1040	1.600	1.900	26.9
N240EM1	200	360	58	4	4	323	243	-	258.2	750	1040	1.600	1.900	26.9
NU2240EM1	200	360	98	4	4	325	241	311.5	-	1220	1860	1.500	1.800	45.6
NJ2240EM1	200	360	98	4	4	325	241	311.5	256.9	1220	1860	1.500	1.800	45.6
NU340M	200	420	80	5	5	360	260	339.3	-	965	1250	1.400	1.700	57.1
NJ340M	200	420	80	5	5	360	260	339.3	280	965	1250	1.400	1.700	57.1
NU2340M	200	420	138	5	5	360	260	339.3	-	1500	2200	1.300	1.600	99
NU1044M1	220	340	56	3	3	310	250	297.3	262	510	765	1.700	2.000	19.3
NU244M	220	400	65	4	4	350	270	334.3	-	750	1060	1.500	1.800	38.1
NJ244M	220	400	65	4	4	350	270	334.3	285.5	750	1060	1.500	1.800	38.1
NUP244M	220	400	65	4	4	350	270	334.3	285.5	750	1060	1.500	1.800	38.1
NU2244M	220	400	108	4	4	350	270	334.3	-	1120	1800	1.400	1.700	63.4
NJ2244M	220	400	108	4	4	350	270	334.3	285.5	1120	1800	1.400	1.700	63.4
NU334M	220	460	88	5	5	396	284	373.3	-	1180	1560	1.300	1.600	75.1
NU2344M	220	460	145	5	5	396	284	373.3	-	1760	2600	1.200	1.500	124
NU1048M1	240	360	56	3	3	330	270	317.3	282	540	850	1.600	1.900	20.7
NJ248M	240	440	72	4	4	385	295	367.3	-	930	1340	1.300	1.600	51.5
NJ248M	240	440	72	4	4	385	295	367.3	313	930	1340	1.300	1.600	51.5
NUP248M	240	440	72	4	4	385	295	367.3	313	930	1340	1.300	1.600	51.5
N248M	240	440	72	4	4	385	295	-	313	930	1340	1.300	1.600	51.5
NU2248M	240	440	120	4	4	385	295	367.3	-	1430	2320	1.300	1.600	85.9
NU348M	240	500	95	5	5	430	310	405.3	-	1400	1930	1.200	1.500	96.2
NJ348M	240	500	95	5	5	430	310	405.3	335	1400	1930	1.200	1.500	96.2
NU2348M	240	500	155	5	5	430	310	405.3	-	2080	3150	1.100	1.400	157

汽车轴承
Automotive bearings

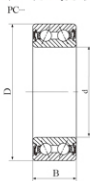


汽车发动机轴承 Automotive alternator bearings



轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions			基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds		
	d	D	B	Cr	Cor	Grease 脂		Oil 油
						Noncontact	Contact	
B8-74D	8	22	11	3300	1370	34000	-	40000
B8-79D	8	23	11	3300	1370	34000	-	40000
B8-23D	8	23	14	3910	1530	34000	-	40000
B8-85D	8	23	14	3300	1370	34000	-	40000
B10-46D	10	23	11	2700	1270	32000	22000	38000
6000TT	10	26	8	4570	1970	30000	22000	36000
62000-2RS	10	26	10	4570	1970	30000	22000	36000
B10-50D	10	27	11	4570	1970	30000	22000	36000
B9-00D	10	27	14	4570	1970	30000	22000	36000
B20-12D	12	32	10	6820	3060	22000	17000	28000
-	12	32	10	6106	2770	22000	17000	28000
-	12	32	14	6106	2770	22000	17000	28000
B20-11D	12	35	18	6106	2770	22000	17000	28000
366	15	32	11	7750	3750	20000	14000	24000
B15-69	15	35	13	7750	3750	20000	14000	24000
348	15	38	19	9450	4390	17000	13000	20000
319-2RS	15	43	13	11430	5430	17000	13000	20000
336-2RS	15	46	14	13580	6590	15000	11000	18000
B15-86D	15	47	14	13580	6590	15000	11000	18000
B15-83D	15	47	18	13460	6485	17000	13000	20000
385-2RS	15	52	16	15760	7735	17000	12000	20000
B17-107D	17	47	18	13466	6488	15000	11000	18000
-	17	47	24	13466	6488	15000	11000	18000
333	17	52	16	15930	7875	14000	10000	17000
B17-99D	17	52	17	16000	7938	14000	10000	17000
B30-44D	17	52	18	16000	7938	14000	10000	17000
W6305	25	62	25	22388	11498	11000	8000	13000
63305-2RS	25	62	25.4	22388	11498	11000	8000	13000

汽车冷气机轴承 Automotive A/C bearings



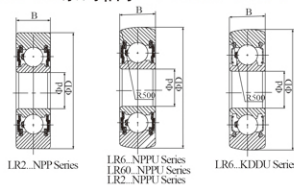
轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions				基本额定负荷 (kN) Basic Ratings		备注 Notes	重量 (kg) Weight
	d	D	C	B	Cr(N)	Cor(N)		
PC25520012CS	25	52	12	12	6700	6400	-	0.018
PC256200113CS	25	62	11.3	11.3	6930	7000	-	0.021
PC28520009CS	28	52	9	9	5800	5760	-	0.088
PC30450018CS	30	45	18	18	10200	8730	-	0.080
PC30450023CS	30	45	23	23	10200	8700	30BG04S23G-2DL	0.101
PC3046001816CS	30	46	16	18	10200	8730	336-2001	0.090
PC30470018CS	30	47	18	18	10100	8750	30BG04S8G-2DS	0.094
PC3047002118CS	30	47	18	21	10100	8750	30BG04S39G-2DL	0.101
PC30470022CS	30	47	22	22	10100	8750	30BG04S13	0.116
PC30470020CS	30	47	20	20	10100	8750	30BD4720	0.106
PC30500020CS	30	50	20	20	14200	11300	30BD5020	0.136
PC30520022CS	30	52	22	22	15100	11700	30BG05S2G-2DS	0.157
PC30520020CS	30	52	20	20	15100	11700	101 007	0.144
PC30550026CS	30	55	26	26	18900	14650	DAC3055CRK	0.224
PC30550023CS	30	55	23	23	18900	14650	30BG05S5G-2DS	0.200
PC306200113CS	30	62	11.3	11.3	7000	7300	-	0.171
PC30620027CS	30	62	27	27	21000	16800	30BG51	0.339
PC30620024CS	30	62	24	24	21000	16800	30BG06S24G-2DL	0.302
PC32470018CS	32	47	18	18	10100	8800	32BG04S3G-2DL	0.081
PC3252002018CS	32	52	18	20	14100	11500	320-2001	0.135
PC32550023CS	32	55	23	23	15900	13000	32BG05S1-2DST	0.188
PC35520020CS	35	52	20	20	10800	10100	35BG05S12G-2DST	0.118
PC35520022CS	35	52	22	22	10800	10100	35BD5220UM18A	0.129
PC35500020CS	35	50	20	20	10450	9500	35BG05S7G-2DL	0.098
-	-	-	-	-	10450	9500	35BG05S7G-2DS	0.098
PC35550020CSR1	35	55	20	20	14700	12550	35BG05S10G-2DL	0.143
PC35520023CS	35	52	23	23	10800	10100	35DG05S6G	0.135
PC35620021CS	35	62	21	21	19650	16360	-	0.202
PC356200277CS	35	62	27.7	27.7	22760	18100	35BD210DDU	0.309
PC38540017CS	38	54	17	17	11100	10760	38BG05S6G-2DST	0.101
PC38620024CS	38	62	24	24	17160	15500	101 008	0.251
PC40540017CS	40	54	17	17	11100	10730	38BG05S6G	0.088
PC405520024CS	40	55	24	24	11060	10700	40BGS40G	0.131
PC40570024CS	40	57	24	24	11430	11330	40BG05S2G-2DS	0.158

汽车冷气机轴承 Automotive A/C bearings



轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions				基本额定负荷 (kN) Basic Ratings		备注 Notes	重量 (kg) Weight
	d	D	C	B	Cr(N)	Cor(N)		
PC4057002420CS	40	57	20	24	11430	11330	40BG05S1G	0.133
PC406200206CS	40	62	20.625	20.625	17100	15500	-	0.190
PC4062002064CS	40	62	20.64	20.64	17100	15500	907257	0.214
PC40620024CS	40	62	24	24	17100	15500	40BGS11G-2DS	0.211
PC40620024206CS	40	62	20.625	24	17100	15500	40BGS12G-2DS	0.195
PC40660024CS	40	66	24	24	22400	18500	40BGS39G-2DL	0.258
PC40680030CS	40	68	30	30	23750	20200	40BG06S30G-2DL	0.392
PC45750032CS	45	75	32	32	24600	22300	-	0.985
PC50720020CS	50	72	20	20	18000	18000	-	0.214
PC75130050CS	75	130	50	50	75200	73300	-	2.510

LR...NPP/NPPU系列轴承 LR...NPP/NPPU Series bearings



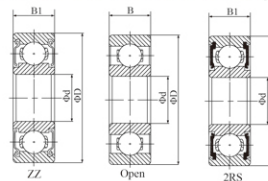
LR...NPP/NPPU系列轴承
LR...NPP/NPPU Series bearings

轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions			基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds
	d	D	B	Cr	Cor	Grease 脂
LR604NPPU	4	13	4	970	360	40000
LR605NPPU	5	16	5	1330	500	38000
LR605KDDU	5	19	5	1330	500	38000
LR606NPPU	6	19	6	1970	740	36000
LR606KDDU	6	19	6	1970	740	36000
LR607NPPU	7	22	6	2340	890	34000
LR607KDDU	7	22	6	2340	890	34000
LR608NPPU	8	24	7	3300	1350	32000
LR608KDDU	8	24	7	3300	1350	32000
LR6000NPPU	10	28	8	4600	1980	28000
LR200NPPU	10	32	9	5100	2370	16000
LR200NPP	10	32	9	5100	2370	16000
LR6001NPPU	12	30	8	5100	2350	26000
LR201NPPU	12	35	10	6800	3050	15000
LR201NPP	12	35	10	6800	3050	15000
LR6002NPPU	15	35	7	5600	2850	22000
LR202NPPU	15	40	11	7600	3700	14000
LR202NPP	15	40	11	7600	3700	14000
LR203NPPU	17	47	12	9600	4750	11000
LR203NPP	17	47	12	9600	4750	11000
LR6004NPPU	20	47	12	9400	5000	17000
LR204NPPU	20	52	14	12600	6600	10000
LR204NPP	20	52	14	12800	6600	10000
LR205NPP	25	62	15	14000	7800	9000
LR206NPPU	30	72	16	19500	11300	7100
LR206NPP	30	72	16	19500	11300	7100

英制16系列轴承
Inch 16 series bearings

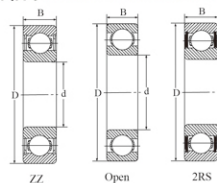


英制16系列轴承 Inch 16 series bearings



轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions			基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds	
	d	D	B	Cr	Cor	Grease 脂	Oil 油
1601	4.763	17.463	6.35	2669	979	36000	43000
1602	6.35	17.463	6.35	2825	1068	36000	43000
1603	7.938	22.225	7.14	3314	1379	34000	40000
1604	9.525	22.225	7.14	3336	1423	32000	38000
1605	7.938	23.019	7.94	3314	1401	32000	38000
1606	9.525	23.019	7.94	3336	1423	32000	38000
1607	11.113	23.019	7.938	4515	1913	30000	33000
1614	9.525	28.575	9.525	5071	2313	25000	30000
1615	11.113	28.575	9.525	5093	2358	25000	30000
1616	12.7	28.575	9.525	5116	2002	25000	30000
1620	11.113	34.925	11.113	7518	3559	22000	26000
1621	12.7	34.925	11.113	7562	3625	22000	26000
1622	14.288	34.925	11.113	7607	3670	20000	24000
1623	15.875	34.925	11.113	7651	3714	20000	24000
1628	15.875	41.275	12.7	9342	4871	18000	20000
1630	19.05	41.275	12.7	9386	4960	18000	20000
1633	15.875	44.45	12.7	9342	4982	18000	20000
1635	19.05	44.45	12.7	9408	5071	18000	20000
1638	19.05	50.8	14.29	10098	5738	16000	18000
1640	22.225	50.8	14.29	10076	5850	14000	17000
1641	25.4	50.8	14.29	10053	5983	13000	15000
1652	28.575	63.5	15.875	16080	10142	11000	13000

英制R系列轴承 Inch R series bearings

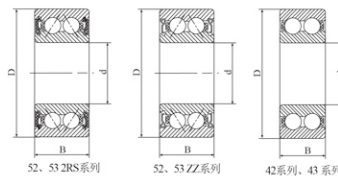


英制R系列轴承 Inch R series bearings



轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions				基本额定负荷 (kN) Basic Ratings		极限转速 Limiting Speeds	
	d	D	B	B1	Cr	Cor	Grease 脂	Oil 油
RO1	1.016	3.175	1.191	-	97	26	11000	13000
RO	1.191	3.967	1.588	2.380	159	44	9300	11000
R1	1.397	4.762	1.984	2.779	185	56	8100	9500
R1-4	1.984	6.350	2.380	3.571	279	89	6700	7900
R133	2.380	4.762	1.588	2.380	124	42	7300	8500
R1-5	2.380	7.938	2.779	3.571	430	152	5600	6600
R144	3.175	6.350	2.380	2.779	283	95	6700	8000
R2-5	3.175	7.938	2.779	3.571	560	179	6000	6700
R2-6	3.175	9.525	2.779	3.571	640	225	5300	6300
R2	3.175	9.525	3.967	3.967	630	218	5600	6700
R2A	3.175	12.700	4.366	4.336	640	225	5300	6300
R155	3.967	7.938	2.779	3.175	360	149	5300	6300
R156	4.762	7.938	2.779	3.175	360	149	5300	6300
R166	4.762	9.525	3.175	3.175	710	270	5000	6000
R3	4.762	12.700	3.967	4.978	1300	485	4300	5300
R168	6.350	9.525	3.175	3.175	375	173	4800	5600
R188	6.350	12.700	3.175	4.762	1080	440	4000	5000
R4	6.350	15.875	4.978	4.978	1480	615	3800	4500
R4B	6.350	15.875	4.978	4.978	1610	660	3800	4500
R4A	6.350	19.050	5.558	7.142	2340	885	3600	4300
R6	9.525	22.225	5.558	7.142	3350	1410	3200	3800
R8	12.7	28.575	6.35	7.9375	5116	2402	2000	2600
R10	15.875	34.925	7.14	8.73	5961	3238	1300	2000
R12	19.05	41.275	7.9375	11.1125	9386	4982	1800	2100
R14	22.225	47.625	9.525	12.7	10098	5827	1500	1800
R16	25.4	50.8	9.525	12.7	10098	5827	1400	1600
R18	28.575	53.975	9.525	12.7	13256	8274	1300	1500
R20	31.75	57.15	9.525	12.7	13256	8274	1200	1400
R22	34.925	63.5	11.112	14.29	15970	10320	1250	1100
R24	38.1	66.675	11.112	14.29	16770	11521	1150	1000

双列角接触轴承 Double row angular contact ball bearings



52、53 2RS 系列

52、53 ZZ 系列

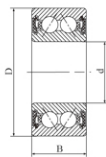
42 系列、43 系列

双列角接触轴承 Double row angular contact ball bearings

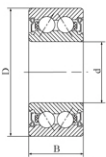


轴承代号 Bearing Number			基本尺寸 (mm) Principal Dimensions			基本额定负荷 (kN) Basic Ratings		重量 (kg) Weight
基本代号 P/N.O.	带防尘盖型 Shielded	带密封圈型 Sealed	d	D	B	Cr	Cor	
5200	ZZ	2RS	10	30	14	7410	4300	0.051
5300	ZZ	2RS		35	19	10100	5600	0.092
5201	ZZ	2RS	12	32	15.9	10100	5600	0.058
5301	ZZ	2RS		37	19	13000	7300	0.109
5202	ZZ	2RS	15	35	15.9	11200	6800	0.066
5302	ZZ	2RS		42	19	15100	9150	0.130
5203	ZZ	2RS	17	40	17.5	14000	8650	0.096
5303	ZZ	2RS		47	22.2	21200	12500	0.180
5204	ZZ	2RS	20	47	20.6	18600	12000	0.160
5304	ZZ	2RS		52	22.2	22100	14300	0.220
5205	ZZ	2RS	25	52	20.6	20300	14000	0.180
5305	ZZ	2RS		62	25.4	31200	20800	0.350
5206	ZZ	2RS	30	62	23.8	28100	20000	0.290
5306	ZZ	2RS		72	30.2	41000	28500	0.530
5207	ZZ	2RS	35	72	27	37100	27500	0.440
5307	ZZ	2RS		80	34.9	48800	34000	0.730
5208	ZZ	2RS	40	80	30.2	44900	33500	0.580
5308	ZZ	2RS		90	36.5	59200	43000	0.950
5209	ZZ	2RS	45	85	30.2	47500	38000	0.630
5309	ZZ	2RS		100	39.7	72100	73500	1.400
5210	ZZ	2RS	50	90	30.2	47500	39000	0.660
5310	ZZ	2RS		110	44.4	88000	96500	1.950
5211	ZZ	2RS	55	100	33.3	57200	67000	1.050
5311	ZZ	2RS		120	49.2	95200	108000	2.550
5212	ZZ	2RS	60	110	36.5	72100	85000	1.400
5312	ZZ	2RS		130	54	112000	127000	3.250
5213	ZZ	2RS	65	120	38.1	78100	95000	1.750
5313	ZZ	2RS		140	58.7	128000	150000	4.100
5214	ZZ	2RS	70	125	39.7	76500	98000	1.900
5314	ZZ	2RS		150	63.5	147000	173000	5.050
5215	ZZ	2RS	75	130	41.3	84200	110000	2.100
5216	ZZ	2RS		80	140	101000	134000	2.650

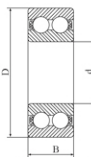
双列角接触轴承 Double row angular contact ball bearings



S2, S3 2RS系列



S2, S3 ZZ系列



42系列、43 系列

轴承代号 Bearing Number	基本尺寸 (mm) Principal Dimensions			基本额定负荷 (KN) Basic Ratings		重量 (kg) Weight
	d	D	B	Cr	Cor	
4200A	10	30	14	9230	5200	0.049
4201A	12	32	14	10600	6200	0.053
4301A		37	17	13000	7800	0.092
4202A	15	35	14	11900	7500	0.059
4302A		42	17	14800	9500	0.120
4203A	17	40	16	14800	9500	0.090
4303A		47	19	19500	13200	0.160
4204A	20	47	18	17800	12500	0.140
4304A		52	21	23400	16000	0.210
4205A	25	52	18	19000	14600	0.160
4305A		62	24	31900	22400	0.340
4206A	30	62	20	26000	20800	0.280
4306A		72	27	41000	30000	0.500
4207A	35	72	23	35100	28500	0.400
4307A		80	31	50700	38000	0.690
4208A	40	80	23	37100	32500	0.500
4308A		90	33	55900	45000	0.950
4209A	45	85	23	39000	36000	0.540
4309A		100	36	68900	56000	1.250
4210A	50	90	23	41000	40000	0.580
4310A		110	40	81900	69500	1.700
4211A	55	100	25	44900	44000	0.800
4311A		120	43	97500	83000	2.150
4212A	60	110	28	57200	55000	1.100
4312A		130	46	112000	98000	2.650
4213A	65	120	31	67600	67000	1.450
4313A		140	48	121000	106000	3.250
4214A	70	125	31	70200	73500	1.500
4215A	75	130	31	72800	80000	1.600
4216A	80	140	33	80600	90000	2.000