



目 录

CONTENT

公司简介	2	COMPANY INTRODUCTION
认证证书	4	COMPANY CERTIFICATION
轴承数据	6	BEARINGS DATA
轴承主要尺寸	6	BEARINGS MAIN DIMENSIONS
轴承的代号	6	BEARINGS CODE NUMBERS
套圈和滚动体材料	8	MATERIAL OF BEARING RINGS AND ROLLING ELEMENTS
热处理	8	HEAT TREATMENT
保持架材料	9	CAGE MATERIAL
密封圈和防尘盖	10	SEALS AND SHIELDS
注脂量	11	GREASE FILLING
轴承的游隙	11	BEARINGS CLEARANCE
轴承的振动	14	BEARINGS VIBRATION
轴承的润滑	16	BEARINGS LUBRICATION
轴承的精度等级	17	BEARINGS PRECISION GRADE
公差符号与定义	17	TOLERANCE SYMBOLS AND DEFINITION
向心轴承公差	18	TOLERANCE FOR RADIAL BEARINGS
公制圆锥滚子轴承公差	20	TOLERANCE FOR METRIC TAPER ROLLER BEARINGS
英制圆锥滚子轴承公差	23	TOLERANCE FOR INCH SIZE TAPER ROLLER BEARINGS
推力球轴承公差	24	TOLERANCE FOR THRUST BALL BEARINGS

装配倒角尺寸	26	ASSEMBLE CHAMFER DIMENSIONS
轴承锥内孔公差	27	TOLERANCE FOR TAPERED BEARING BORES
深沟球轴承	28	DEEP GROOVE BALL BEARINGS
双列深沟球轴承	41	DOUBLE ROW DEEP GROOVE BALL BEARINGS
微型球轴承	44	MINIATURE BALL BEARINGS
单列角接触球轴承	48	SINGLE ROW ANGULAR CONTACT BALL BEARINGS
四点接触球轴承	53	FOUR POINT CONTACT BALL BEARINGS
双列角接触球轴承	55	DOUBLE ROW ANGULAR CONTACT BALL BEARINGS
调心球轴承	59	SELF-ALIGNING BALL BEARINGS
圆柱滚子轴承	63	CYLINDRICAL ROLLER BEARINGS
滚针轴承	67	NEEDLE ROLLER BEARINGS
圆锥滚子轴承	74	TAPER ROLLER BEARINGS
调心滚子轴承	83	SELF-ALIGNING ROLLER BEARINGS
推力球轴承	86	THRUST BALL BEARINGS
带座外球面轴承	89	INSERT BALL BEARINGS WITH HOUSING
农机轴承	99	AGRICULTURAL BEARINGS
导轨轴承	107	LINEAR GUIDE BEARINGS
滚动体（钢球、滚子、滚针）	111	ROLLING ELEMENTS (STEEL BALLS, ROLLERS, NEEDLES)
轴承附件	115	BEARING ACCESSORIES

圓柱滾子軸承

CYLINDRICAL ROLLER BEARING

該軸承特點在結構上是一種可分離型的軸承，這就簡化和方便了軸承的安裝和拆卸。同時這種結構容易做到高精度加工，因此適用於高速運轉。極限轉速接近於深溝球軸承。

該軸承內外圈與滾子是線接觸，摩擦係數較小。徑向負載能力較大。適用於重載荷和衝擊載荷。

該軸承適用於電機、汽車、傳動軸、齒輪軸、機床主軸。

Characteristics of the bearing: the bearing is separable, which simplifies the assembling and disassembling. With such construction, high precision becomes easier to achieve, thus it suits high speed rotation well. The rotating speed limit is close to deep groove ball bearing.

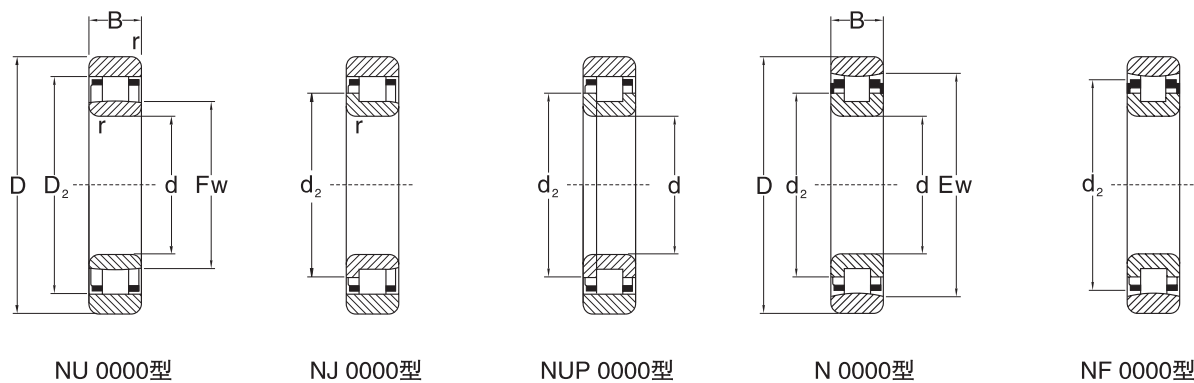
The inner & outer ring and the roller are contacting in lines, and the friction factor is small. The bearing has a good radial loading capability and is suitable for heavy load and impact load.

The bearing also applies in electric motor, automobile, transmitting axes, gear axes and machine tool axes.



轴承类型 BEARINGS TYPE

圆柱滚子轴承 Cylindrical Roller Bearing



基本尺寸 (mm) Principal dimensions			轴承型号 Bearing No.					额定载荷 (N) Basic load ratings		极限转速 (rpm) Speed ratings		重量 (KG) Weight
d	D	B						(Cr)	(Cor)	脂 (grease)	油 (oil)	
15	35	11	NU202	NJ202	—	N202	NF202	7980	5500	15000	19000	0.060
17	40	12	NU203	NJ203	NUP203	N203	NF203	9120	7000	14000	18000	0.080
47	14		NU303	NJ303	—	—	—	12800	10800	13000	17000	0.147
20	42	12	NU1004	—	—	N1004	—	10500	9200	13000	17000	0.090
47	14		NU204E	NJ204E	NUP204E	N204E	—	25800	24000	12000	16000	0.117
47	18		NU2204E	NJ2204E	NUP2204E	N2204E	—	30800	30000	12000	16000	0.149
52	15		NU304E	NJ304E	NUP304E	N304E	—	29000	25500	11000	15000	0.155
52	21		NU2304E	NJ2304E	NUP2304E	N2304E	—	39200	37500	10000	14000	0.216
25	47	12	NU1005	—	—	N1005	—	11000	10200	11000	15000	0.100
52	15		NU205E	NJ205E	NUP205E	N205E	—	27500	26800	11000	14000	0.140
52	18		NU2205E	NJ2205E	NUP2205E	N2205E	—	32800	33800	11000	14000	1.168
62	17		NU305E	NJ305E	NUP305E	N305E	—	38500	35800	9000	12000	0.251
62	24		NU2305E	NJ2305E	NUP2305E	N2305E	—	53200	54500	9000	12000	0.355
30	55	13	NU1006	—	—	—	—	13000	12800	9500	12000	0.120
62	16		NU206E	NJ206E	NUP206E	N206E	—	36000	35500	8500	11000	0.214
62	20		NU2206E	NJ2206E	NUP2206E	N2206E	—	45500	48000	8500	11000	0.268
72	19		NU306E	NJ306E	NUP306E	N306E	—	49200	48200	8000	10000	0.377
72	27		NU2306E	NJ2306E	NUP2306E	N2306E	—	70000	75500	8000	10000	0.538
90	23		NU406	NJ406E	NUP406E	N406E	—	57200	53000	7000	9000	0.730
35	62	14	NU1007	—	—	—	—	19500	18800	8500	11000	0.160
72	17		NU207E	NJ207E	NUP207E	N207E	—	46500	48000	7500	9500	0.311
72	23		NU2207E	NJ2207E	NUP2207E	N2207E	—	57500	63000	7500	9500	0.414
80	21		NU307E	NJ307E	NUP307E	N307E	—	62000	63200	7000	9000	0.501
80	31		NU2307E	NJ2307E	NUP2307E	N2307E	—	87500	98200	7000	9000	0.738
100	25		NU407	NJ407E	NUP407E	N407E	—	70800	68200	6000	7500	0.940
40	68	15	NU1008	NJ1008	NUP1008	N1008	—	21200	22000	7500	9500	0.220
80	18		NU208E	NJ208E	NUP208E	N208E	—	51500	53000	7000	9000	0.394
80	23		NU2208E	NJ2208E	NUP2208E	N2208E	—	67500	75200	7000	9000	0.507
90	23		NU308E	NJ308E	NUP308E	N308E	—	78600	77800	6300	8000	0.680
90	33		NU2308E	NJ2308E	NUP2308E	N2308E	—	105000	118000	6300	8000	0.974

基本尺寸 (mm) Principal dimensions			轴承型号 Bearing No.					额定载荷 (N) Basic load ratings		极限转速 (rpm) Speed ratings		重量 (KG) Weight
d	D	B						(Cr)	(Cor)	脂 (grease)	油 (oil)	
40	110	27	NU408	NJ408E	NUP408E	N408E	-	90500	89800	5600	7000	1.250
45	75	16	NU1009	NJ1009	NUP1009	N1009	-	23200	23800	6500	8500	0.260
	85	19	NU209E	NJ209E	NUP209E	N209E	-	58500	63800	6300	8000	0.450
	85	23	NU2209E	NJ2209E	NUP2209E	N2209E	-	71000	82000	6300	8000	0.550
	100	25	NU309E	NJ309E	NUP309E	N309E	-	93000	98000	5600	7000	0.930
	100	36	NU2309E	NJ2309E	NUP2309E	N2309E	-	130000	152000	5600	7000	1.340
	120	29	NU409	NJ409	NUP409	N409	-	102000	10000	5000	6300	1.800
50	80	16	NU1010	NJ1010	NUP1010	N1010	-	25000	27500	6300	8000	0.350
	90	20	NU210E	NJ210E	NUP210E	N210E	-	61200	69200	6000	7500	0.505
	90	23	NU2210E	NJ2210E	NUO2210E	N2210E	-	74200	88800	6000	7500	0.590
	110	27	NU310E	NJ310E	NUP310E	N310E	-	105000	112000	5300	6700	1.200
	110	40	NU2310E	NJ2310E	NUP2310E	N2310E	-	155000	185000	5300	6700	1.790
	130	31	NU410	NJ410	NUP410	N410	-	120000	120000	4800	6000	2.300
55	90	18	NU1011	NJ1011	NUP1011	N1011	-	35800	40000	5600	7000	0.450
	100	21	NU211E	NJ211E	NUP211E	N211E	-	80200	95500	5300	6700	0.680
	100	25	NU2211E	NJ2211E	NUP2211E	N2211E	-	94800	11800	5300	6700	0.810
	120	29	NU311E	NJ311E	NUO311E	N311E	-	128000	13800	4800	6000	1.530
	120	43	NU2311E	NJ2311E	NUP2311E	N2311E	-	190000	22800	4800	6000	2.280
	140	33	NU411	NJ411	NUP411	N411	-	128000	13200	4300	5300	2.800
60	95	18	NU1012	NJ1012	NUP1012	N1012	-	38500	45000	5300	6700	0.480
	110	22	NU212E	NJ212E	NUP212E	N212E	-	89800	102000	5000	6300	0.860
	110	28	NU2212E	NJ2212E	NUP2212E	N2212E	-	122000	152000	5000	6300	1.120
	130	31	NU312E	NJ312E	NUP312E	N312E	-	142000	155000	4500	5600	1.870
	130	46	NU2312E	NJ2312E	NUP2312E	N2312E	-	212000	260000	4500	5600	2.810
	150	35	NU412	NJ412	NUP412	N412	-	155000	162000	4000	5000	3.400
65	100	18	NU1013	NJ1013	NUP1013	N1013	-	39000	46500	4800	6000	0.510
	120	23	NU213E	NJ213E	NUP213E	N213E	-	102000	118000	4500	5600	1.080
	120	31	NU2213E	NJ2213E	NUP2213E	N2213E	-	142000	180000	4500	5600	1.480
	140	33	NU313E	NJ313E	NUP313E	N313E	-	170000	188000	4000	5000	2.310
	140	48	NU2313E	NJ2313E	NUP2313E	N2313E	-	235000	285000	4000	5000	3.340
	160	37	NU413	NJ413	NUP413	N413	-	170000	178000	3800	4800	4.000
70	110	20	NU1014	NJ1014	NUP1014	N1014	-	47500	57000	4800	6000	0.710
	125	24	NU214E	NJ214E	NUP214E	N4214E	-	112000	135000	4300	5300	1.200
	125	31	NU2214E	NJ2214E	NUP2214E	N2214E	-	148000	192000	4300	5300	1.560
	150	35	NU314E	NJ314E	NUP314E	N314E	-	195000	220000	3800	4800	2.860
	150	51	NU2314E	NJ2314E	NUP2314E	N2314E	-	260000	320000	3800	4800	4.100
	180	42	NU414	NJ414	NUP414	N414	-	215000	232000	3400	4300	5.900
75	115	20	NU1015	NJ1015	NUP1015	N1015	-	51500	61200	4500	5600	0.740
	130	25	NU215E	NJ215E	NUP215E	N215E	-	125000	155000	4000	5000	1.320
	130	31	NU2215E	NJ2215E	NUP2215E	N2215E	-	155000	205000	4000	5000	1.640
	160	37	NU315E	NJ315E	NUP315E	N315E	-	228000	260000	3600	4500	3.430
	160	55	NU2315	NJ2315	NUP2315	N2315 NF2315		245000	308000	3600	4500	5.400

轴承类型 BEARINGS TYPE

圆柱滚子轴承 Cylindrical Roller Bearing

基本尺寸 (mm) Principal dimensions			轴承型号 Bearing No.					额定载荷 (N) Basic load ratings		极限转速 (rpm) Speed ratings		重量 (KG) Weight
d	D	B						(Cr)	(Cor)	脂 (grease)	油 (oil)	
80	125	22	NU1016	NJ1016	NUP1016	N1016	—	59200	77800	4300	5300	1.000
140	26		NU216E	NJ216E	NUP216E	N216E	—	132000	165000	3800	4800	1.580
140	33		NU2216E	NJ2216E	NUP2216E	N2216E	—	178000	242000	3800	4800	2.050
170	39		NU316E	NJ316E	NUP316E	N316E	—	245000	282000	3400	4300	4.050
170	58		NU2316E	NJ2316E	NUP2316E	N2316E	NF2316	258000	328000	3400	4300	6.400
85	130	22	NU1017	NJ1017	NUP1017	N1017	—	64500	81600	4000	5000	1.050
150	28		NU217E	NJ217E	NUP217E	N217E	—	158000	192000	3600	4500	2.000
150	36		NU2217E	NJ2217E	NUP2217E	N2217E	—	205000	272000	3600	4500	2.580
180	41		NU317E	NJ317E	NUP317E	N317E	—	280000	332000	3200	4000	4.820
180	60		NU2317E	NJ2317E	NUP2317E	N2317E	NF2317	295000	380000	3200	4000	7.400
90	140	24	NU1018	NJ1018	NUP1018	N1018	—	74000	94800	3800	4800	1.360
160	30		NU218E	NJ218E	NUP218E	N218E	—	172000	215000	3400	4300	2.440
160	40		NU218E	NJ2218E	NUP2218E	N2218E	—	230000	312000	3400	4300	3.260
190	43		NU318E	NJ318E	NUP318E	N318E	—	298000	348000	3000	3800	5.590
190	64		NU2318	NJ2318	NUP2319	N2320	NF2318	310000	395000	3000	3800	8.400
95	145	24	NU1019	NJ1019	NUP1019	N1019	—	75500	98500	3600	4500	1.400
170	32		NU219E	NJ219E	NUP219E	N219E	—	208000	262000	3200	4000	2.960
170	43		NU2219E	NJ2219E	NUP2219E	N2219E	—	275000	368000	3200	4000	3.970
200	45		NU319E	NJ319E	NUP319E	N319E	—	315000	380000	2800	3600	6.520
200	67		NU2319E	NJ2319E	NUP2319E	N2319E	NF2319	370000	50000	2800	3600	10.40
100	150	24	NU1020	NJ1020	NUP1020	N1020	—	78000	102000	3400	4300	1.500
180	34		NU220	NJ220	NUP220	N220	—	235000	302000	3000	3800	3.580
180	46		NU2220E	NJ2220E	NUP2220E	N2220E	—	318000	440000	3000	3800	4.860
215	47		NU320E	NJ320E	NUP320E	N320E	—	365000	425000	2600	3200	7.890
215	73		NU2320	NJ2320	NUP2320	N2320	NF2320	415000	558000	2600	3200	13.50
250	58		Nu420	Nj420	NUP420	N420	—	418000	480000	2000	2800	16.00

SZD®

滚针轴承

NEEDLE ROLLER BEARINGS

该轴承滚动体一般是用直径 $\phi 5\text{mm}$ 以下的滚针，所以径向尺寸较小，结构紧凑。能承受较大径向负荷，刚性较强。

滚针轴承结构型式较多，有无内外圈的组件型、有冲压外圈型、有实体型、有组合型、有单向轴承型、有推力型及滚轮型。

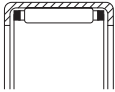
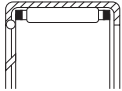
The rolling elements of needle bearings are needles which are generally below ID $\Phi 5\text{mm}$, so the radial size is small and the structure is compact. It can bear rather big radial load and the rigidity is strong.

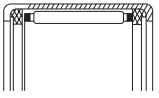
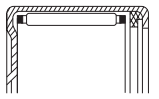
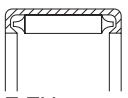
There are many structure types for needle bearings: cage assembly without inner and outer rings type, drawing outer ring type, entity type, combined type, single direction type, thrust type and trolley type.



轴承类型 BEARINGS TYPE

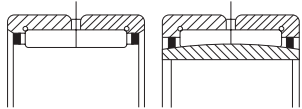
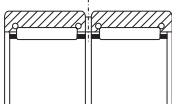
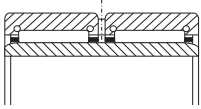
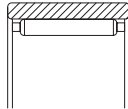
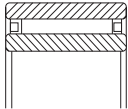
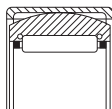
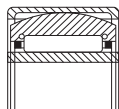
滚针轴承 Needle Roller Bearings

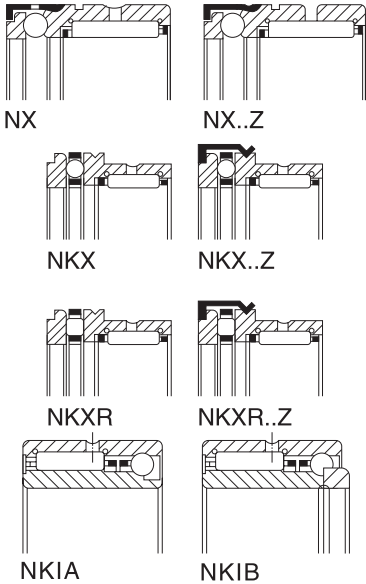
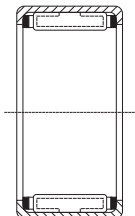
轴承分类 Bearing Type	代号及说明 Symbol and Description		图示 Picture
向心滚针 和保持架组件 Radial Needle and Cage Assembly	■是由滚针和保持架组成的独立的滚动元件。 Cage assembly are composed of needles and cages. ■保持架材质一般用优质碳素结构钢，也可用尼龙保持架。 The material of cage is carbon steel or nylon. ■钢保持架经化学处理后有足够强度和耐磨性，可表面镀铜、 镀银、发黑、磷化处理 Steel cage have enough strength and wearable capability after chemical treatment. It can be coated with brass ,silver and black or phosphating treated.		 K/KS  KK/KKS
	K	单列向心滚针和保持架组件 Single row radial needles and cage assembly	
	KK	双列向心滚针和保持架组件 double row radial needles and cage assembly	
	KS	单列剖分式向心滚针和保持架组件 Single row dissectable radial needles and cage assembly	
冲压外圈 滚针轴承 Drawn Cup Needle Roller Bearing	■是由一个冲压薄壁外圈与一个滚针和保持架组件组成的成套单元。 Drawn cup needle roller bearing is composed of thin wall punched outer ring retainer and a group of needle rollers and cage assembly. ■该类轴承也可与IR和LR系列内圈组合使用。 Such bearing can be used together with IR and LR series of inner rings ■结构有穿孔型和封口型；有带保持架和不带保持架（满装滚针）； 有开式和带密封。 Structure: Piercing type and sealed type; with cage and without cage (full complement needles);open type and sealed type ■保持架可用钢保持架，也可用尼龙保持架。 Cage material: steel , nylon ■薄壁外圈只有压入规定的环规中，才能用规定的止通规 来检查内切圆的直径。 The inscribed circle diameter of thin wall outer ring can only be checked by no-go & go gauge by pressed into stated gauges.		 HK  BK

轴承分类 Bearing Type	代号及说明 Symbol and Description		图示 Picture
冲压外圈 滚针轴承 Drawn Cup Needle Roller Bearing	HK	穿孔型冲压外圈滚针轴承 Piercing drawn cup needle roller bearings with open ends	 HK..2RS
	BK	封口型冲压外圈滚针轴承 Sealed drawn cup needle roller bearings with closed ends	
	HK~2RS	穿孔型两面带密封的冲压外圈滚针轴承 Piercing drawn cup needle roller bearings with open ends, double sides sealing	
	BK~RS	封口型一面带密封的冲压外圈滚针轴承 Sealed drawn cup needle roller bearings with closed ends, single side sealing	
	F	穿孔型冲压外圈满针滚针轴承 Piercing drawn cup needle roller bearings with open ends, tip full complement needle roller type	 BK..RS
	FH	穿孔型冲压外圈满针滚针轴承（重系列） Piercing drawn cup needle roller bearings with open ends, tip full complement needle roller type (heavy series)	
	SCE	穿孔型冲压外圈滚针轴承英制 Piercing drawn cup needle roller bearings with open ends, inch system	 F FH
	BCE	封口型冲压外圈滚针轴承英制 Sealed drawn cup needle roller bearings with closed ends, inch system	
	B	穿孔型冲压外圈满针滚针轴承英制 Piercing drawn cup full complement needle bearings with open ends, inch system	
	BH	穿孔型冲压外圈满针滚针轴承英制（重系列） Piercing drawn cup full complement needle bearings with open ends, inch system (heavy series)	

轴承类型 BEARINGS TYPE

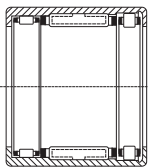
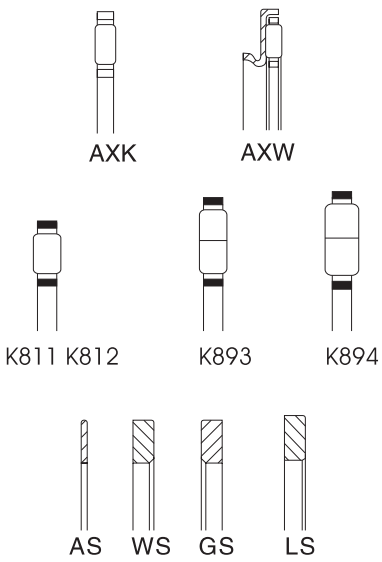
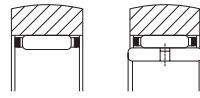
滚针轴承 Needle Roller Bearings

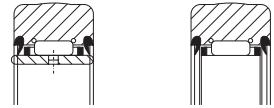
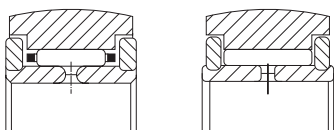
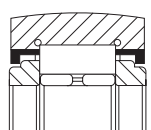
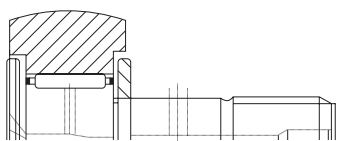
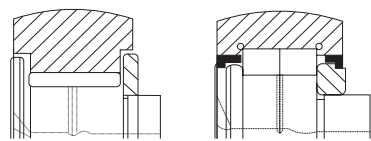
轴承分类 Bearing Type	代号及说明 Symbol and Description		图示 Picture	
实体套圈 滚针轴承 Entity Bushed Needle Roller Bearing	■ 由一个机加工外圈，一个滚针和保持架组件及一个可分离的内圈组成的一个单元。 It is composed of machining outer ring, needle and cage assembly, separable inner ring . ■ 此类结构可带内圈，也可不带内圈。有密封或不带密封，有单列或双列。 The entity bushed needle roller bearings are divided into two kinds: that with inner ring and without ring, sealed or not sealed , single row or double row.		 NK NKI NKS NKIS RNA49 NA49 RNA48 NA48	
	NK、NKS RNA 49 RNA 48	单列不带内圈 Single row , without inner rings		 RNA69 NA69
	NK1 NK1S NA49 NA48	单列带内圈 single row, with inner rings		
	RNA 69	双列不带内圈 Double row, without inner rings		 RNAO NAO
	NA69	双列带内圈 double row, with inner rings		
	RNAO	无挡边，不带内圈 no retaining edge, without inner rings		
	NAO	无挡边，带内圈 no retaining edge, with inner rings		
	RPNA	不带内圈的调心滚针轴承 Aligning needle roller bearings without inner ring		 PRNA PNA
	PNA	带内圈的调心滚针轴承 Aligning needle roller bearings with inner ring		

轴承分类 Bearing Type	代号及说明 Symbol and Description		图示 Picture
组合式滚针轴承 Combined needle bearing	■是向心滚针轴承与一个推力轴承部件组合 It is a combination of a radial needle bearing and a thrust bearing		
	NX, NX~Z	滚针/推力满装球组合 Needle thrust full ball combination	
	NKX, NKX~Z	滚针/推力球组合 Needle Thrust ball combination	
	NKXR NKXR~Z	滚针/推力圆柱组合 Needle/Thrust cylindrical roller combination	
	NKIA NKIB	滚针/角接触球轴承组合 Needle/Angular Contact ball bearing combination	
内圈 Inner Rings	■若轴不适合做滚动轴承的滚道，则可用内圈作为滚动轴承的滚道。内圈有引导倒角方便装入轴承。 If shaft is not suitable as race of rolling bearings, inner ring can be used as raceway of rolling bearings. Inner ring has guiding chamfering edges to install bearings easily. ■内圈分IR和LR二种。 Inner Rings: IR and LR.		
	IR	淬硬精加工，有引导倒角，润滑油孔 Quench finish machining, with guiding chamfering edge, grease bore.	
	LR	淬硬磨削，端面可不磨，但需倒角 Quench and milling finish, end face is not necessary to mill, but need chamfering edge.	
冲压外圈 滚针离合器 Drawn Cup Needle Roller Clutch	■是一个其内径带斜道的冲压薄壁外圈，塑料保持架，弹簧和滚针组合而成 It is combined by a thin wall punched outer ring with chute on bore diameter, plastic cage, spring and needles. ■轴承箭头方向表示转动时夹紧自销的方向 The direction of bearing arrowhead shows the direction of clamping.		
	HF	钢弹簧 Steel spring	
	HF...KF	塑料弹簧 Plastic spring	
	FC	钢弹簧、英制 Steel spring inch system	

轴承类型 BEARINGS TYPE

滚针轴承 Needle Roller Bearings

轴承分类 Bearing Type	代号及说明 Symbol and Description		图示 Picture
冲压外圈 滚针离合器 Drawn Cup Needle Clutch	RC	塑料弹簧、英制 Plastic spring inch system	 FCB
	FCB	钢弹簧、离合器和轴承组件 Steel spring, clutch and bearing assembly	
	RCB	塑料弹簧、离合器和轴承组件 plastic spring, clutch and bearing assembly	
推力滚针滚柱 和保持架组件 Thrust Needle Cylindrical and Retainer Assembly	■是由一个推力保持架与滚针滚子组成的完整单元 It is composed of one thrust cage and needle roller. ■在相邻表面不能用作滚道时可采用垫圈与推力滚针（或滚子） 保持架组件组成推力轴承 If the contiguous surface can not be used as rolling raceway, it can use washer and thrust needle (or roller) retainer assembly as thrust bearing.		
	AXK	推力滚针保持架组件 Thrust needle retainer assembly	
	AXW	带冲压中心套推力滚针保持架组件 Thrust needle bearings with center sheath	
	K811 K812 K893 K894	推力滚柱和保持架组件 Thrust cylindrical roller and retainer assembly	
	AS	垫圈，弹簧钢淬硬抛光 Washer, spring steel quenched and polished	
	LS	垫圈，轴承钢 Washer ,bearings steel	
	GS811 GS812 GS893 GS894	座圈 轴承钢 Housing washer, bearing steel	
	WS811 WS812 WS893 WS894	轴圈 轴承钢 Shaft washer, bearing steel	
	■由一个外圈、一个滚针保持架组件或一个满装滚针(或滚柱)组， 带一个内圈或不带内圈组成。 It is composed of one outer ring, one needle cage assembly or full complement needles or rollers, with one inner ring or without inner ring。 ■厚壁外圈表面可以带弧型滚面，也可以带圆柱型滚面(后为X) The surface of thick wall outer ring can be with camber rolling side, or can be with cylinder rolling side (with suffix “X”).		
STO	外圈无轴向引导，有内圈。 Outer ring without axial guiding, with inner ring.	 RSTO STO	

轴承分类 Bearing Types	代号及说明 Symbol and Description		图示 Picture
支承滚轮 Yoke Type Track Rollers	RSTO	外圈无轴向引导, 无内圈。 Outer ring without axial guiding, without inner ring	 NA22..2RS RNA22.2RS  NATR NATV  NUTR
	NA22 2RS	外圈无轴向引导, 有内圈, 二面密封。 Outer ring without axial guiding, with inner ring, sealed with two sides	
	RNA22 2RS	外圈无轴向引导, 无内圈, 二面密封。 Outer ring without axial guiding, without inner ring, sealed with two sides	
	NATR	用垫圈作外圈轴向引导, 有内圈。 Washer as outer ring edge axial guiding, with inner ring	
	NTTV	用垫圈作外圈轴向引导, 有内圈、满针。 Washer as outer ring edge axial guiding, with inner ring, full complement needles	
	NUTR	轴向引导, 有内圈、满针, 二面密封。 Axial guiding, with inner ring, full complement needles, sealed with two sides	
螺栓型滚轮 Curve Rollers	■ 是由一个机加工螺栓, 推力垫圈, 一个外圈和一个滚针保持架组件或满针组成。 It is composed of a machine work bolt, thrust washer, an outer ring and needle cage assembly or full complement needles. ■ 厚壁外圈外表面可带弧形滚面, 也可带圆柱型滚面(后为X) Thick wall outer ring surface can be with curved rolling face or with cylindrical rolling face (with suffix of X) ■ 螺栓带偏心套(后为E) Bolt with eccentric sleeve (with suffix of E). ■ 二面带密封(后为PP)。 Sealed with two sides (with suffix of PP).		 KR  KRV NUKR
	KR	保持架引导。 Cage Guiding	
	K RV	满装滚针。 Full complement Needles	
	KRE	螺栓带偏心套。 Bolt with eccentric sleeve	
	NUKR	滚动体引导外圈, 满装滚子, 二面密封。 Curve rollers axile guided by rolling bodies, full roller type sealed with two sides	
	NUKRE	滚动体引导外圈, 满装滚子, 二面密封, 带偏心套。 Outerring guided by rolling elements, full roller type, with eccentric sleeve sealed with two sides	

圆锥滚子轴承

TAPERED ROLLER BEARINGS

该轴承特点是外圈与内圈包括滚动组件可分离。从而可分别安装，拆装容易。

在安装和使用过程中可调节轴向游隙与径向游隙，也可预过盈安装，以增强刚性。该轴承主要承受径向载荷和轴向载荷。

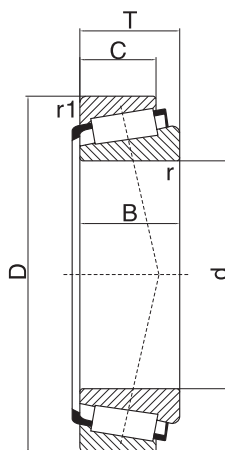
圆锥滚子轴承有公制圆锥滚子轴承和英制圆锥滚子轴承两种。

This kind of bearings' characteristic is the outer ring and the inner ring including rolling elements are separable. Thus it can be mounted separately for easy assembling and disassembling.

The radial and axial clearances can be adjusted in course of installation and operation; also preloaded mounting can be made to increase the rigidity. This kind of bearings mainly sustains radial direction and axial direction load.

The tapered roller bearings cover two series as metric series and inch series.



圆锥滚子轴承 (公制)
 Tapered Roller Bearings (Metric System)


基本尺寸 (mm) Principal dimensions							轴承型号 Bearing No.	额定载荷 (N) Basic load ratings		极限转速 (rpm) Speed ratings		重量 (KG) Weight
d	D	T	B	C	r	r _{1min}		(Cr)	(Cor)	脂 (grease)	油 (oil)	
15	35	11.75	11	10.0	0.6	0.6	30202	14500	13000	10000	14000	0.053
42	14.25	13	11.0	0.6	0.6		30302	22800	21500	9000	12000	0.094
17	42	13.25	12	11.0	1.0	1.0	30203	20800	21800	9000	12000	0.079
47	15.25	14	12.0	1.0	1.0		30303	28200	27200	8500	11000	0.129
47	20.25	19	16.0	1.0	1.0		32303	35200	36200	8500	11000	0.173
20	42	15.00	15	12.0	0.6	0.6	32004	25000	28200	8500	11000	0.095
47	15.25	14	12.0	1.0	1.0		30204	28200	30500	8000	10000	0.126
52	16.25	15	13.0	1.5	1.5		30304	33000	33200	7500	9500	0.165
52	22.25	21	18.0	1.5	1.5		32304	42800	46200	7500	9500	0.230
22	44	15.00	15	11.5	0.6	0.6	320/22	26000	30200	8000	10000	0.100
25	47	15.00	15	11.5	0.6	0.6	32005	28000	34000	7500	9500	0.110
47	17.00	17	14.0	0.6	0.6		33005	32500	42500	7500	9500	0.129
52	16.25	15	13.0	1.0	1.0		30205	32200	37000	7000	9000	0.154
52	22.00	22	18.0	1.5	1.5		33205	47000	55800	7000	9000	0.216
62	18.25	17	15.0	1.5	1.5		30305	468000	48000	6300	8000	0.263
62	18.25	17	13.0	1.5	1.5		31305	40500	46000	6300	8000	0.262
62	25.25	24	20.0	1.0	1.0		32305	61500	68800	6300	8000	0.368
28	52	16.00	16	12.0	1.0	1.0	320/28	31500	40500	6700	8500	0.142
58	24.00	24	19.0	1.0	1.0		332/28	58000	68200	6300	8000	0.286
30	55	17.00	17	13.0	1.0	1.0	32006	35800	46800	6300	8000	0.170
55	20.00	20	16.0	1.0	1.0		33006	43800	58800	6300	8000	0.201
62	17.25	16	14.0	1.0	1.0		30206	43200	50500	6000	7500	0.231
62	21.25	20	17.0	1.0	1.0		32206	51800	63800	6000	7500	0.287
62	25.00	25	19.5	1.0	1.0		33206	63800	75500	6000	7500	0.342
72	20.75	19	16.0	1.5	1.5		30306	59000	63000	5600	7000	0.387
72	20.75	19	14.0	1.5	1.5		31306	52500	60500	5600	7000	0.392
72	28.75	17	23.0	1.5	1.5		32306	81500	96500	5600	7000	0.562
32	58	17.00	17	13.0	1.0	1.0	320/32	36500	49200	6000	7500	0.187

轴承类型 BEARINGS TYPE

圆锥滚子轴承(公制) Tapered Roller Bearings (Metric System)

基本尺寸 (mm) Principal dimensions							轴承型号 Bearing No.	额定载荷 (N) Basic load ratings		极限转速 (rpm) Speed ratings		重量 (KG) Weight
d	D	T	B	C	r	r _{1min}		(Cr)	(Cor)	脂 (grease)	油 (oil)	
32	65	26.00	26	20.5	1.0	1.0	332/32	68800	82200	5600	7000	0.385
35	62	18.00	18	14.0	1.0	1.0	32007	43200	59200	5600	7000	0.224
	62	21.00	21	17.0	1.0	1.0	33007	46800	63200	5600	7000	0.254
	72	18.25	17	15.0	1.5	1.5	30207	54200	63500	5300	6700	0.331
35	72	24.25	23	19.0	1.5	1.5	32207	70500	89500	5300	6700	0.445
	72	28.00	28	22.0	1.5	1.5	33207	82500	102000	5300	6700	0.515
	80	22.75	21	18.0	2.0	2.0	30307	75200	82500	5000	6300	0.515
	80	22.75	21	15.0	2.0	2.0	31307	65800	76800	5000	6300	0.514
	80	32.75	30	25.0	2.0	2.0	32307	99000	118000	5000	6300	0.763
40	68	19.00	19	14.5	1.0	1.0	32008	51800	71000	5300	6700	0.267
	68	22.00	22	18.0	1.0	1.0	33008	60200	79500	5300	6700	0.306
	75	26.00	26	20.5	1.5	1.5	33108	84800	110000	5000	6300	0.496
	80	19.75	18	16.0	1.5	1.5	30208	63000	74000	5000	6300	0.422
	80	24.75	23	19.0	1.5	1.5	32208	77800	97200	5000	6300	0.532
	80	32.00	32	25.0	1.5	1.5	32208	10500	135000	5000	6300	0.715
	90	25.25	23	20.0	2.0	1.5	30308	90800	108000	4500	5600	0.747
	90	25.25	23	17.0	2.0	1.5	31308	81501	96500	4500	5600	0.727
	90	35.25	33	27.0	2.0	1.5	32308	11500	148000	4500	5600	1.040
45	75	20.00	20	16.0	1.0	1.0	32009	58500	81500	5000	6300	0.377
	75	24.00	24	19.0	1.5	1.5	33009	72500	100000	5000	6300	0.398
	80	26.00	26	20.5	1.5	1.5	33109	87000	118000	4500	5600	0.535
	85	20.75	19	16.0	1.5	1.5	30209	67800	83500	4500	5600	0.474
	85	24.75	23	19.0	1.5	1.5	32209	80800	105000	4500	5600	0.573
	85	32.00	32	25.0	2.0	1.5	33209	110000	145000	4500	5600	0.771
	100	27.25	25	22.0	2.0	1.5	30309	108000	130000	4000	5000	0.984
	100	27.25	25	18.0	2.0	1.5	31309	95500	115000	4000	5000	0.944
	100	38.25	36	30.0	2.0	1.5	32309	145000	188000	4000	5000	1.400
50	80	20.00	20	15.5	1.0	1.0	32010	61000	89000	4500	5600	0.366
	80	24.00	24	19.0	1.0	1.0	33010	76800	110000	4500	5600	0.433
	85	26.00	26	20.0	1.5	1.5	33110	89200	125000	4300	5300	0.572
	90	21.75	20	17.0	1.5	1.5	30210	73200	92000	4300	5300	0.529
	90	24.75	23	19.0	1.5	1.5	32210	82800	108000	4300	5300	0.626
	90	32.00	32	24.5	1.5	1.5	33210	112000	155000	4300	5300	0.825
	110	29.25	27	23.0	2.5	2.0	30310	130000	158000	3800	4800	1.280
	110	29.95	27	19.0	2.5	2.0	31310	108000	128000	3800	4800	1.210
	110	42.25	40	33.0	2.5	2.0	32310	178000	235000	3800	4800	1.890
55	90	23.00	23	17.5	1.5	1.5	32011	80200	118000	4000	5000	0.551
	90	27.00	27	21.0	1.5	1.5	33011	94800	145000	4000	5000	0.654
	95	30.00	30	23.0	1.5	1.5	33111	115000	165000	3800	4800	0.843
	100	22.75	21	18.0	1.5	1.5	30211	90800	115000	3800	4800	0.713
	100	26.75	25	21.0	1.5	1.5	32211	108000	142000	3800	4800	0.853
	100	35.00	35	27.0	1.5	1.5	33211	142000	198000	3800	4800	1.150

基本尺寸 (mm) Principal dimensions							轴承型号 Bearing No.	额定载荷 (N) Basic load ratings		极限转速 (rpm) Speed ratings		重量 (KG) Weight
d	D	T	B	C	r	r _{1min}		(Cr)	(Cor)	脂 (grease)	油 (oil)	
55	120	31.50	29	25.0	2.0	2.0	30311	152000	188000	3400	4300	1.630
120	31.50	29	21.0	2.0	2.0		31300	130000	158000	3400	4300	1.560
120	45.50	43	35.0	2.0	2.0		32311	202000	270000	3400	4300	2.370
60	95	23.00	23	17.5	1.5	1.5	32012	81800	122000	3800	4800	0.548
95	27.00	27	21.0	1.5	1.5		33012	96800	150000	3800	4800	0.691
100	30.00	30	23.0	1.5	1.5		33112	118000	172000	3600	4500	0.895
110	23.75	22	19.0	1.5	1.5		30212	102000	130000	3600	4500	0.904
110	29.75	28	24.0	1.5	1.5		32212	132000	180000	3600	4500	1.170
110	38.00	38	29.0	1.5	1.5		33212	165000	230000	3600	4500	1.510
130	33.50	31	26.0	2.0	1.5		30312	170000	210000	3200	4000	1.990
130	33.50	31	22.0	2.0	1.5		31312	145000	178000	3200	4000	1.900
130	48.50	46	37.0	2.0	1.5		32312	228000	302000	3200	4000	2.900
65	100	23.00	23	17.5	1.5	1.5	32013	82800	128000	3600	4500	0.620
100	27.00	27	21.0	1.5	1.5		33013	98000	158000	3600	4500	0.732
110	34.00	34	26.5	1.5	1.5		33113	142000	220000	3400	4300	1.300
120	24.75	23	20.0	2.0	1.5		30213	120000	152000	3200	4000	1.130
120	32.75	31	27.0	2.0	1.5		32213	160000	222000	3200	4000	1.550
120	41.00	41	32.0	2.0	1.5		33213	202000	282000	3200	4000	1.990
140	36.00	33	28.0	3.0	2.5		30313	195000	242000	2800	3600	2.440
140	36.00	33	23.0	3.0	2.5		31313	165000	202000	2800	3600	2.370
140	51.00	48	39.0	3.0	2.5		32313	260000	350000	2800	3600	3.510
70	110	25.00	25	19.0	1.5	1.5	32014	105000	160000	3400	4300	0.839
110	31.00	31	25.5	1.5	1.5		33014	135000	220000	3400	4300	1.070
120	37.00	37	29.0	2.0	1.5		33114	172000	268000	3200	4000	1.700
125	26.25	24	21.0	2.0	1.5		30214	132000	175000	3000	3800	1.260
125	33.25	31	27.0	2.0	1.5		32214	168000	238000	3000	3800	1.640
125	41.00	41	32.0	2.0	1.5		33214	208000	298000	3000	3800	2.100
150	38.00	35	30.0	3.0	2.5		30314	218000	272000	2600	3400	2.980
150	38.00	35	25.0	3.0	2.5		31314	188000	230000	2600	3400	2.860
150	54.00	51	42.0	3.0	2.5		32314	298000	408000	2600	3400	4.340
75	115	25.00	25	19.0	1.5	1.5	32015	102000	160000	3200	4000	0.875
115	31.00	31	25.5	1.5	1.5		33015	132000	220000	3200	4000	1.120
125	37.00	37	29.0	2.0	1.5		33115	175000	280000	3000	3800	1.780
130	27.25	25	22.0	2.0	1.5		30215	138000	185000	2800	3600	1.360
130	33.25	31	27.0	2.0	1.5		32215	170000	242000	2800	3600	1.740
130	41.00	41	31.0	2.0	1.5		33215	208000	300000	2800	3600	2.170
160	40.00	37	31.0	3.0	2.5		30315	252000	318000	2400	3200	3.570
160	40.00	37	26.0	3.0	2.5		31315	208000	258000	2400	3200	3.380
160	58.00	55	45.0	3.0	2.5		32315	348000	482000	2400	3200	5.370
80	125	29.00	29	22.0	1.5	1.5	32016	140000	220000	3000	3800	1.270
125	36.00	36	29.5	1.5	1.5		33016	182000	305000	3000	3800	1.630
130	37.00	37	29.0	2.0	1.5		33116	180000	292000	2800	3600	1.870

轴承类型 BEARINGS TYPE

圆锥滚子轴承(公制) Tapered Roller Bearings (Metric System)

基本尺寸 (mm) Principal dimensions							轴承型号 Bearing No.	额定载荷 (N) Basic load ratings		极限转速 (rpm) Speed ratings		重量 (KG) Weight
d	D	T	B	C	r	r _{1min}		(Cr)	(Cor)	脂 (grease)	油 (oil)	
80	140	28.25	26	22.0	2.5	2.0	30216	160000	212000	2600	3400	1.670
140	35.25	33	28.0	2.5	2.0		32216	198000	278000	2600	3400	2.130
140	46.00	46	35.0	2.5	2.0		33216	245000	362000	2600	3400	2.830
170	42.50	39	33.0	3.0	2.5		30316	278000	352000	2200	3000	4.270
170	42.50	39	27.0	3.0	2.5		31316	230000	288000	2200	3000	4.050
170	61.50	58	48.0	3.0	2.5		32316	388000	542000	2200	3000	6.380
85	130	29.00	29	22.0	1.5	1.5	32017	140000	220000	2800	3600	1.320
130	36.00	36	29.5	1.5	1.5		33017	180000	305000	2800	3600	1.690
140	41.00	41	32.0	2.5	2.0		33117	215000	355000	2600	3400	2.430
150	30.50	28	24.0	2.5	2.0		30217	178000	238000	2400	3200	2.060
150	38.50	36	30.0	2.5	2.0		32217	228000	325000	2400	3200	2.680
150	49.00	49	37.0	2.5	2.0		33217	282000	415000	2400	3200	3.520
180	44.50	41	34.0	4.0	3.0		30317	305000	388000	2000	2800	4.960
180	44.50	41	28.0	4.0	3.0		31317	255000	318000	2000	2800	4.690
180	63.50	60	49.0	4.0	3.0		32317	422000	592000	2000	2800	7.310
90	140	32.00	32	24.0	2.0	1.5	32018	170000	270000	2600	3400	1.720
140	39.00	39	32.5	2.0	1.5		33018	232000	388000	2600	3400	2.200
150	45.00	45	35.0	2.5	2.0		33118	252000	415000	2400	3200	3.130
160	32.50	30	26.0	2.5	2.0		30218	200000	270000	2200	3000	2.540
160	42.50	40	34.0	2.5	2.0		32218	270000	395000	2200	3000	3.440
160	55.00	55	42.0	2.5	2.0		33218	330000	500000	2200	3000	4.550
190	46.50	43	36.0	4.0	3.0		30318	342000	440000	1900	2600	5.800
190	46.50	43	30.0	4.0	3.0		31318	282000	358000	1900	2600	5.460
190	67.50	64	53.0	4.0	3.0		32318	478000	682000	1900	2600	8.810
95	145	32.00	32	24.0	2.0	1.5	32019	175000	280000	2400	3200	1.790
145	39.00	39	32.5	2.0	1.5		33019	230000	390000	2400	3200	2.260
160	49.00	49	38.0	2.5	2.0		33119	298000	498000	2200	3000	3.940
170	34.50	32	27.0	3.0	2.5		30219	228000	308000	2000	2800	3.040
170	45.50	43	37.0	3.0	2.5		32219	30200	448000	2000	2800	4.240
170	58.00	58	44.0	3.0	2.5		33219	378000	568000	2000	2800	5.480
200	49.50	45	38.0	4.0	3.0		30319	370000	478000	1800	2400	6.800
200	49.50	45	32.0	4.0	3.0		31319	310000	400000	1800	2400	6.460
200	71.50	67	55.0	4.0	3.0		32319	515000	738000	1800	2400	10.10
100	150	32.00	32	24.0	2.0	1.5	32020	172000	282000	2200	3000	1.850
150	39.00	39	32.5	2.0	1.5		33020	230000	390000	2200	3000	2.330
165	52.00	52	40.0	2.5	2.0		33120	308000	528000	2000	2800	4.310
180	37.00	34	29.0	3.0	2.5		30220	255000	350000	1900	2600	3.720
180	49.00	46	39.0	3.0	2.5		32220	340000	512000	1900	2600	5.100
180	63.00	63	48.0	3.0	2.5		33220	438000	665000	1900	2600	6.710
215	51.50	47	39.0	4.0	3.0		30320	405000	525000	1600	2000	8.220
215	56.50	51	35.0	4.0	3.0		31320	372000	488000	1600	2000	8.590
215	77.50	73	60.0	4.0	3.0		32320	600000	872000	1600	2000	13.00

基本尺寸 (mm) Principal dimensions							轴承型号 Bearing No.	额定载荷 (N) Basic load ratings		极限转速 (rpm) Speed ratings		重量 (KG) Weight
d	D	T	B	C	r	r _{1min}		(Cr)	(Cor)	脂 (grease)	油 (oil)	
105	160	35.00	35	26.0	2.5	2.0	32021	205000	335000	2000	2800	2.400
160	43.00	43	34.0	2.5	2.0		33021	258000	438000	2000	2800	2.970
175	56.00	56	44.0	2.5	2.0		33121	352000	608000	1900	2600	5.290
190	39.00	36	30.0	3.0	2.5		30221	285000	398000	1800	2400	4.380
190	53.00	50	43.0	3.0	2.5		32221	380000	578000	1800	2400	6.260
190	68.00	68	52.0	3.0	2.5		33221	498000	770000	1800	1900	8.120
225	53.50	49	41.0	4.0	3.0		30321	432000	562000	1500	1900	9.380
225	58.00	53	36.0	4.0	3.0		31321	398000	525000	1500	1900	9.580
225	81.50	77	63.0	4.0	3.0		32321	648000	945000	1500	1900	14.80
110	170	38.00	38	29.0	2.5	2.0	32022	245000	402000	1900	2600	3.020
170	47.00	47	37.0	2.5	2.0		33022	288000	502000	1900	2600	3.740
180	56.00	56	43.0	2.5	2.0		33122	372000	638000	1800	2400	5.500
200	41.00	38	32.0	3.0	2.5		30222	315000	445000	1700	2200	5.210
200	56.00	53	46.0	3.0	2.5		32222	430000	665000	1700	2200	7.430
240	54.50	50	42.0	4.0	3.0		30322	472000	612000	1400	1800	11.00
240	63.00	57	38.0	4.0	3.0		31322	458000	610000	1400	1800	12.10
240	84.50	80	65.0	4.0	3.0		32322	725000	106000	1400	1800	17.80
120	180	38.00	38	29.0	2.5	2.0	32024	242000	405000	1700	2200	3.180
180	48.00	48	38.0	2.5	2.0		33024	298000	535000	1700	2200	4.070
200	62.00	62	48.0	2.5	2.0		33124	448000	778000	1600	2000	7.680
215	43.50	40	34.0	3.0	2.5		30224	338000	482000	1500	1900	6.200
215	61.50	58	50.0	3.0	2.5		32224	478000	758000	1500	1900	9.260
260	59.50	55	46.0	4.0	3.0		30324	562000	745000	1300	1700	14.20
260	68.00	62	42.0	4.0	3.0		31324	353000	725000	1300	1700	15.30
260	90.50	86	69.0	4.0	3.0		32324	825000	1230000	1300	1700	22.10
130	200	45.00	45	34.0	2.5	2.0	32026	335000	568000	1600	2000	4.940
200	55.00	55	43.0	2.5	2.0		33026	400000	728000	1600	2000	6.140
230	43.75	40	34.0	4.0	3.0		30226	365000	520000	1400	1800	6.940
230	67.75	64	54.0	4.0	3.0		32226	552000	888000	1400	1800	11.40
280	67.75	58	49.0	5.0	4.0		30326	640000	855000	1100	1500	17.30
280	72.00	66	44.0	5.0	4.0		31326	592000	805000	1100	1500	18.40
140	210	45.00	45	34.0	2.5	2.0	32028	330000	568000	1400	1800	5.150
210	56.00	56	44.0	2.5	2.0		33028	408000	755000	1400	1800	6.570
250	45.75	42	36.0	4.0	3.0		30228	408000	585000	1200	1600	8.730
250	71.75	68	58.0	4.0	3.0		32228	645000	1050000	1200	1600	14.40
300	67.75	62	53.0	5.0	4.0		30328	722000	975000	1000	1400	21.40
300	77.00	70	47.0	5.0	4.0		31328	678000	928000	1000	1400	22.80
150	225	48.00	48	36.0	3.0	2.5	32030	368000	635000	1300	1700	6.250
225	59.00	59	46.0	3.0	2.5		33030	460000	875000	1300	1700	7.980
270	49.00	45	38.0	4.0	3.0		30230	450000	645000	1100	1500	10.80
270	77.00	73	60.0	4.0	3.0		32230	720000	1180000	1100	1500	18.20
320	72.00	62	55.0	5.0	4.0		30330	802000	1090000	950	1300	25.20

轴承类型 BEARINGS TYPE

圆锥滚子轴承(公制) Tapered Roller Bearings (Metric System)

基本尺寸 (mm) Principal dimensions							轴承型号 Bearing No.	额定载荷 (N) Basic load ratings		极限转速 (rpm) Speed ratings		重量 (KG) Weight
d	D	T	B	C	r	r _{1min}		(Cr)	(Cor)	脂 (grease)	油 (oil)	
150	320	82.00	75	50.0	5.0	4.0	31330	772000	1070000	950	1300	27.40
160	240	51.00	51	38.0	3.0	2.5	32032	420000	735000	1200	1600	7.66
290	52.00	48	40.0	4.0	3.0		30232	512000	738000	1000	1400	13.30
290	84.00	80	67.0	4.0	3.0		32232	858000	1430000	1000	1400	23.30
340	75.00	68	58.0	5.0	4.0		30332	878000	1190000	900	1200	29.50
170	260	57.00	57	43.0	3.0	2.5	32034	520000	920000	1100	1500	16.60
310	57.00	52	43.0	5.0	4.0		30234	590000	865000	1000	1300	28.60
310	91.00	86	70.0	5.0	4.0		32234	968000	1640000	1000	1300	35.60

圆锥滚子轴承(英制)
Tapered Roller Bearing (Inch System)

轴承型号 Bearing No.	基本尺寸 (mm) Principal dimensions d × D × T	重量 (KG) Weight
5BC	28.313	0.0154
11BC	33.297	0.0275
09067/09195	19.05 × 49.225 × 18.034	0.1804
09081/09195	20.625 × 49.225 × 19.845	0.1555
TR101204/72487	50 × 123.825 × 36.512	2.101
LM102949/LM102910	45.242 × 73.43 × 19.558	0.303
LM104949/LM104911	50 × 82 × 21.976	0.434
JLM104947A/JLM104910	50 × 82 × 21.976	0.434
JLM104948/JLM104910	50 × 82 × 21.5	0.422
LM104949/JLM104910	50.8 × 82 × 21.976	0.418
LM104949E/LM104911	50.8 × 82.55 × 16.51	0.438
JLM104948/LM104911	50 × 82.55 × 21.115	0.424
LM104949/LM104912	50.8 × 82.931 × 21.59	0.425
11590/11520	15.875 × 42.862 × 14.288	1.001
LM11749/LM11710	17.462 × 39.878 × 13.843	0.083
LM11949/LM11910	19.05 × 45.237 × 15.494	0.124
M12649/M12610	21.43 × 50.005 × 17.526	0.174
LM12748/LM12710	21.43 × 45.237 × 15.494	0.118
LM12749/LM12710	22 × 45.237 × 15.494	0.116
LM12749/LM12711	22 × 46 × 15.494	0.121
13686/13620	38.1 × 69.012 × 19.05	0.296
14125A/14276	31.75 × 69.012 × 19.845	0.349
14137A/14276	34.925 × 69.012 × 19.845	0.325
14138A/14276	34.925 × 69.012 × 19.845	0.322
14138/14274	34.925 × 69.012 × 19.845	0.32
15101/15245	25.4 × 62 × 19.05	0.282
15103S/15245	26.162 × 62 × 19.05	0.279
15123/15243	31.75 × 61.912 × 19.05	0.28

轴承型号 Bearing No.	基本尺寸 (mm) Principal dimensions d × D × T	重量 (KG) Weight
15123/15245	31.75 × 62 × 19.05	0.283
15126/15245	31.75 × 62 × 19.05	0.255
15113/15245	28.575 × 62 × 19.05	0.2800
16137/16282	34.925 × 72 × 19	0.3600
16150/16282	38.1 × 72 × 19	0.3320
1755/1729	22.225 × 56.896 × 19.368	0.2540
17887/17831	45.23 × 79.985 × 19.842	0.4100
18590/18520	50.800 × 85 × 17.462	0.2850
HM212047/HM212011	63.5 × 122.238 × 38.1	0.4200
HM212047/HM212011	63.5 × 122.238 × 38.1	1.8400
HM212049/HM212011	66.675 × 122.23 × 38.1	1.8250
HM218248/HM218210	89.974 × 146.975 × 40	2.5200
24780/24720	41.275 × 76.2 × 22.225	0.4240
25570/25520	36.513 × 82.931 × 23.813	0.6510
25572/25520	38.1 × 82.93 × 23.812	0.6420
25577/25520	42.875 × 82.931 × 23.812	0.6900
25577/25522	42.875 × 83.058 × 23.876	0.7000
25580/25520	44.45 × 82.931 × 23.812	0.5610
25580/25521	44.45 × 83.058 × 23.812	0.5630
25590/25520	45.618 × 82.931 × 23.812	0.5400
25590/25521	45.618 × 83.058 × 23.812	0.5340
25590/25522	45.618 × 83.058 × 23.876	0.5380
25590/25523	45.618 × 82.931 × 26.988	0.5840
25877/25821	34.925 × 73.025 × 23.812	0.4680
25880/25821	36.487 × 73.025 × 23.812	0.4510
27687/27620	82.55 × 125.412 × 25.4	1.5000
2785/2720	33.338 × 76.2 × 23.813	0.5440
2788/2729	38.1 × 76.2 × 23.813	0.4960
2788/2720	38.1 × 76.2 × 23.812	0.4900
2790/2720	33.338 × 76.2 × 23.812	0.5490
2790/2729	33.338 × 76.2 × 23.812	0.5550
28580/28521	50.8 × 92.075 × 24.608	0.6970
28584/28521	52.388 × 92.075 × 24.608	0.669
28678/28622B	50.8 × 97.63 × 24.608	0.865
28985/28920	60.325 × 101.6 × 25.4	0.79
29590/29522	66.675 × 107.95 × 25.4	0.874
29685/29620	73.025 × 112.712 × 25.4	0.861
LM29749/LM29710	38.1 × 65.088 × 18.034	0.238
LM300849/LM300811	41 × 68 × 17.5	0.24
JLM506849/JLM506810	55 × 90 × 23	0.69
33275/33462	69.85 × 117.475 × 30.112	1.28
33281/33472	71.438 × 120 × 29.794	1.33

轴承类型 BEARINGS TYPE

圆锥滚子轴承(英制) Taper Roller Bearing (Inch System)

轴承型号 Bearing No.	基本尺寸 (mm) Principal dimensions d × D × T	重量 (KG) Weight
33889/33821	50.8X95.25X27.783	0.862
3579/3525	42.862X87.312X30.162	0.805
368A/362A	50.8X88.9X20.638	0.592
3776/20	44.983X93.264X30.162	0.73
3780/3720	50.8X93.264X30.162	0.856
3782/3720	44.45X93.264X30.162	0.735
3872/3820	34.925X85.725X30.162	0.88
387A/382S	57.15X96.838X25.4	0.669
387A/382	57.15X98.425X21	0.646
387A/382A	57.15X96.838X21	0.598
U399/U360L	39.688X73.025X19.395	0.357
390A/394A	63.5X110X22	0.851
3982/3920	63.5X112.713X30.162	1.22
3984/3920	66.675X112.713X30.162	1.14
41125/41286	28.575X72.626X24.608	0.45
418/414	38.100X88.500X26.988	0.83
42688/42620	76.2X127X30.162	0.4
L44643/L44610	25.4X50.292X14.224	0.129
L44643L/L44610	25.4X50.29X14.224	0.129
L44649/L44610	26.988X50.292X14.224	0.124
L45449/L45410	29X50.292X14.224	0.1130
462/453X	57.15X104.775X30.162	1.0800
LM48548/LM48510	34.92X65.088X18.034	0.2580
LM501349/LM501310	41.275X73.431X19.558	0.3330
LM501349/LM501314	41.275X73.431X21.43	0.3530
HM518445/HM518410	88.9X152.4X39.688	2.8750
575/572	76.2X139.992X36.512	2.4420
593/592A	88.9X152.4X39.688	2.7800
LM603049/LM603011	45.242X77.788X19.842	0.3580
LM603049/LM603012	45.242X77.788X21.43	0.3770
A6075/A6157	19.05X39.992X12.014	0.0660
L610549/L610510	63.5X94.458X19.05	0.4490
LM67048/LM67010	31.75X59.13X15.875	0.1790
67989/67920	209.55X282.575X46.038	7.7300
L68149/L68110	34.981X59.131X15.875	0.1702
L68149/L68111	34.981X59.974X15.875	0.1770
JL69349/JL69310	38X63X17	0.1960
JM716649/JM716610	85X130X30	1.7040
78215C/78551	53.975X140.03X36.512	2.7122
LM78349/LM78310	35X62X16.7	0.2110
M802048/M802011	41.275X82.55X26.543	0.6150
HM803146/HM803110	41.275X88.9X30.162	0.8860

调心滚子轴承

SELF-ALIGNING ROLLER BEARINGS

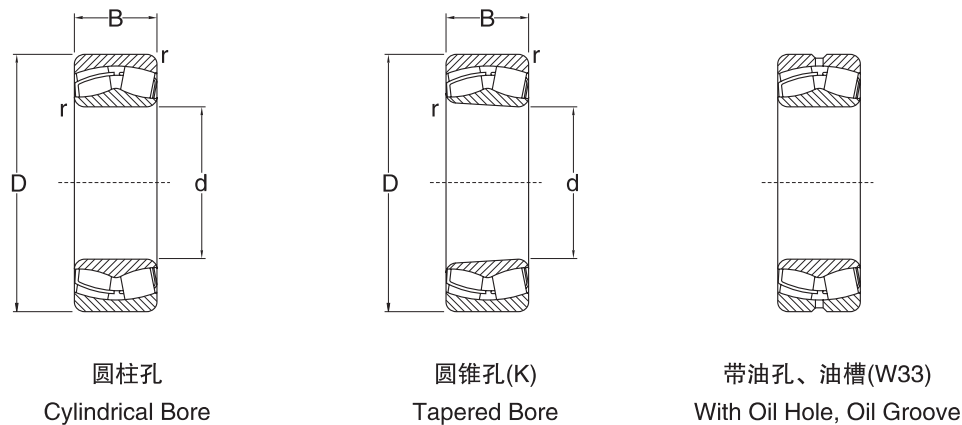
该轴承的特点是：外圆滚道是凹面球形状，内圆双列滚道。具有自动调心性，可以补偿在轴弯曲变形与轴承安装部位形成的同心度误差。滚动体与内外滚道之间是线性接触，适合低速度运转，能承受较大的径向载荷与冲击载荷。

This kind of bearings' characteristic is: it has a common concave spherical raceway in the outer ring and double row raceways in the inner ring. This feature gives the bearings their self-aligning property and compensates a certain concentricity error resulting from shaft deflection or improper mounting. The linear contact of roller with the raceway can make the bearings fit for relatively low-speed operation and withstand radial load as well as impulsive load from any direction.



轴承类型 BEARINGS TYPE

调心滚子轴承 Self-aligning Roller Bearings



基本尺寸 (mm) Principal dimensions			轴承型号 Bearing No.		额定载荷 (KN) Basic load ratings		极限转速 (rpm) Speed ratings		重量 (KG) Weight
d	D	B			(Cr)	(Cor)	脂 (grease)	油 (oil)	
25	52	18	22205	22205K	44.0	44.0	6000	7000	0.18
62	17		21305	21305K	44.2	44.5	5300	6700	0.26
30	62	20	22206	22206K	30.5	38.2	5300	6700	0.30
62	20		22206CA	22206CAK	50.5	55.1	6300	8000	0.30
35	72	23	22207	22207K	45.2	59.5	4800	6000	0.43
72	23		22207CA	22207CAK	68.5	78.9	5800	7000	0.45
40	80	23	22208	22208K	49.8	68.5	4500	5600	0.55
80	23		22208CA	22208CAK	77.0	88.4	5000	5000	0.54
90	33		22308	22308K	73.5	90.5	4000	5000	1.03
90	33		22308CA	22308CAK	119.0	137.0	4300	5300	1.03
45	85	23	22209	22209K	52.2	73.2	4000	5000	0.59
85	23		22209CA	22209CAK	80.5	95.2	4500	5600	0.57
100	36		22309	22309K	108.0	140.0	3600	4500	1.40
100	36		22309	22309K	143.0	169.0	3800	4800	1.40
50	90	23	22210	22210K	52.2	73.0	3800	4800	0.87
90	23		22210CA	22210CAK	83.7	102.0	4000	5000	0.87
110	40		22310	22310K	128.0	170.0	3400	4300	1.90
110	40		22310CA	22310CAK	178.0	212.0	3400	4300	1.90
55	100	25	22211	22211K	60.0	87.2	3400	4300	1.10
100	25		22211CA	22211CAK	103.0	126.0	3600	4500	1.10
120	43		22311	22311K	155.0	198.0	3000	3800	2.40
120	43		22311CA	22311CAK	210.0	252.0	3000	3800	2.40
60	110	28	22212	22212K	81.8	112.0	3200	4000	1.22
110	28		22212CA	22212CAK	123.0	154.0	3200	4000	1.22
130	46		22312	22312K	168.0	225.0	2800	3600	3.00
130	46		22312CA	22312CAK	242.0	292.0	2800	3600	3.00
65	120	31	22213	22213K	88.5	128.0	2800	3600	1.63
120	31		22213CA	22213CAK	151.0	194.0	2800	3600	1.63

基本尺寸 (mm) Principal dimensions			轴承型号 Bearing No.		额定载荷 (KN) Basic load ratings		极限转速 (rpm) Speed ratings		重量 (KG) Weight
d	D	B			(Cr)	(Cor)	脂 (grease)	油 (oil)	
65	140	48	22313	222313K	188.0	252.0	2400	3200	3.60
	140	48	22313CA	22313CAK	264.0	321.0	2400	3200	3.60
70	125	31	22214	22214K	95.0	142.0	2600	3400	1.66
	125	31	22214CA	22214CAK	151.0	196.0	2600	3400	1.66
	150	51	22314	22314K	230.0	315.0	2200	3000	4.40
	150	51	22314CA	22314CAK	313.0	396.0	2200	3000	4.40
75	130	31	22215	22215K	95.0	142.0	2600	3400	1.75
	130	31	22215CA	22215CAK	151.0	196.0	2600	3400	1.75
	160	55	22315	22315K	262.0	388.0	2000	2800	5.40
	160	55	22315CA	22315CAK	348.0	447.0	2000	2800	5.40
80	140	33	22216	22216K	95.0	142.0	2400	3200	2.22
	140	33	22216CA	22216CAK	162.0	215.0	2400	3200	2.22
	170	58	22316	22316K	288.0	405.0	1900	2600	6.40
	170	58	22316CA	22316CAK	392.0	507.0	1900	2600	6.40
85	150	36	22217	22217K	115.0	180.0	2200	3000	2.80
	150	36	22217CA	22217CAK	175.0	234.0	2200	3000	2.80
	180	60	22317	22317K	308.0	440.0	1800	2400	7.40
	180	60	22317CA	22317CAK	429.0	550.0	1800	2400	7.40
90	160	40	22218	22218K	145.0	228.0	2000	2800	4.00
	160	40	22218CA	22218CAK	213.0	282.0	2000	2800	4.00
	190	64	22318	22318K	365.0	542.0	1700	2200	8.80
	190	64	22318CA	22318CAK	485.0	639.0	1800	2400	8.80
95	170	43	22219	22219K	168.0	272.0	1900	2600	4.20
	170	43	22219CA	22219CAK	249.0	337.0	1900	2600	4.20
	200	67	22319	22319K	385.0	570.0	1600	2000	10.30
	200	67	22319CA	22319CAK	531.0	705.0	1700	2200	10.30
100	180	46	22220	22220K	212.0	322.0	1800	2400	5.00
	180	46	22220CA	22220CAK	283.0	390.0	1900	2600	5.00
	215	73	22320	22320K	222.0	358.0	1700	2000	13.00
	215	73	22320CA	22320CAK	316.0	435.0	1800	2400	13.00
110	200	53	22222	22222K	288.0	465.0	1500	1900	7.40
	200	53	22222CA	22222CAK	411.0	588.0	1700	2200	7.40
	240	80	22322	22322K	545.0	832.0	1200	1600	18.10
	240	80	22322CA	22322CAK	714.0	968.0	1500	1900	18.10
120	215	58	22224	22224K	342.0	565.0	1300	1700	9.20
	215	58	22224CA	22224CAK	479.0	691.0	1600	2000	9.20
	260	86	22324	22324K	645.0	992.0	1100	1500	22.00
	260	86	22324CA	22324CAK	844.0	1157.0	1300	1700	22.00
130	230	64	22226	22226K	408.0	708.0	1200	1600	11.20
	230	64	22226CA	22226CAK	563.0	832.0	1400	1800	11.20
	280	93	22326	22326K	722.0	1140.0	950	1300	29.00
	280	93	22326CA	22326CAK	965.0	1341.0	1200	1600	29.00

推力球轴承

THRUST BALL BEARINGS

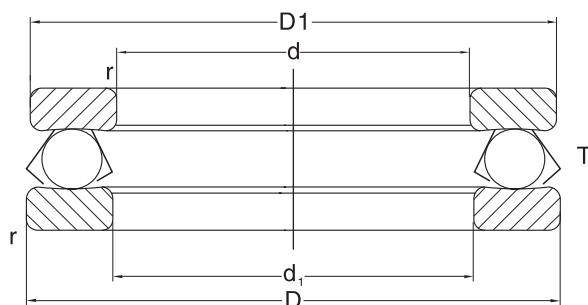
该轴承是分离型轴承，有单向和双向二种结构。轴承只能承受轴向负荷，不能承受径向负荷。不能用于高速旋转，极限运转速度较低。

该轴承一个套圈与轴紧配合的称为轴圈与轴有间隙的套圈为座圈。主要适用于车床顶心、汽车离合器、减速机等。

Thrust Ball Bearings are kind of separable bearings and available in both single and bi-directional types. For the single direction thrust ball bearings, they can bear axial load only from the single direction, while for double-direction thrust ball bearings, they can bear axial load from two directions. However, both of the two kinds of bearings can not bear radial load. Therefore these bearings are unsuitable for high speed operation and their limit speeds are very low.

Bearing rings mounted on the shaft are called shaft rings, and those mounted in the housing are called housing rings. Typical applications: Live centers in lathes, automotive clutches, speed reducers, etc.





基本尺寸 (mm) Principal dimensions				轴承型号 Bearing No.	额定载荷 (N) Basic load ratings		极限转速 (rpm) Speed ratings		重量 (KG) Weight
d	D	B	r_{min}		(Cr)	(Cor)	脂 (grease)	油 (oil)	
10	24	9	0.3	51100	10000	14000	6300	9000	0.02
	26	11	0.6	51200	12500	17000	6000	8000	0.03
12	26	9	0.3	51101	10200	15200	6000	8500	0.02
	28	11	0.6	51201	13200	19000	5300	7500	0.03
15	28	9	0.3	51102	10500	16800	5600	8000	0.02
	32	12	0.6	51202	16500	24800	4800	6700	0.04
17	30	9	0.3	51103	10800	18200	5300	7500	0.02
	35	12	0.6	51203	17000	27200	4500	6300	0.05
20	35	10	0.3	51104	14200	24500	4800	6700	0.04
	40	14	0.6	51204	22200	37500	3800	5300	0.08
	47	18	1	51304	35000	55800	3600	4500	0.15
25	42	11	0.6	50015	15200	30200	4300	6000	0.06
	47	15	0.6	51205	27800	50500	3400	4800	0.11
	52	18	1	51305	35500	61500	3000	4300	0.17
	60	24	1	51405	55500	89200	2200	3400	0.31
30	47	11	0.6	51106	16000	34200	4000	5600	0.06
	52	16	0.6	51206	28000	54200	3200	4500	0.13
	60	21	1	51306	42800	78500	2400	3600	0.26
	70	28	1	51406	72500	125000	1900	3000	0.51
35	52	12	0.6	51107	18200	41500	3800	5300	0.08
	62	18	1	51207	39200	78200	2800	4000	0.21
	68	24	1	51307	55200	105000	2000	3200	0.37
	80	32	1.1	51407	86800	155000	1700	2600	0.76
40	60	13	0.6	51108	26800	62800	3400	4800	0.11
	68	19	1	51208	47000	98200	2400	3600	0.26
	78	26	1	51308	69200	135000	1900	3000	0.53
	90	36	1.1	51408	112000	205000	1500	2200	1.06
45	65	14	0.6	51109	27000	66000	3200	4500	0.14
	73	20	1	51209	47800	105000	2200	3400	0.30
	85	28	1	51309	75800	150000	1700	2600	0.66
	100	39	1.1	51409	140000	262000	1400	2000	1.41
50	70	14	0.6	51110	27200	69200	3000	4300	0.15

轴承类型 BEARINGS TYPE

推力球轴承 Thrust Ball Bearings

基本尺寸 (mm) Principal dimensions				轴承型号 Bearing No.	额定载荷 (N) Basic load ratings		极限转速 (rpm) Speed ratings		重量 (KG) Weight
d	D	B	r _{min}		(Cr)	(Cor)	脂 (grease)	油 (oil)	
50	78	22	1	51210	48500	112000	2000	3200	0.37
	95	31	1.1	51310	96500	202000	1600	2400	0.92
	110	43	1.5	51410	160000	302000	1300	1900	1.86
55	78	16	0.6	51111	33800	89200	2800	4000	0.22
	90	25	1	51211	67500	1580000	1900	3000	0.58
	105	35	1.1	51311	115000	242000	1500	2200	1.28
	120	48	1.5	51411	182000	355000	1100	1700	2.51
60	85	17	1	5112	40200	108000	2600	3800	0.27
	95	26	1	51212	73500	178000	1800	2800	0.66
	110	35	1.1	51312	118000	292000	1400	2000	1.37
	130	51	1.5	51412	200000	395000	1000	1600	3.08
65	90	18	1	51113	40500	112000	2400	3600	0.31
	100	27	1	51213	74800	188000	1700	2600	0.72
	115	36	1.1	51313	115000	262000	1300	1900	1.48
	140	56	2	51413	215000	448000	900	1400	3.91
70	95	18	1	51114	40800	115000	2200	3400	0.33
	105	27	1	51214	73500	188000	1600	2400	0.75
	125	40	1.1	51314	148000	340000	1200	1800	1.98
	150	60	2	51414	255000	560000	850	1300	4.85
75	100	19	1	51115	48200	140000	2000	3200	0.38
	110	27	1	51215	74800	198000	1500	2200	0.82
	135	44	1.5	51315	162000	380000	1100	1700	2.58
	160	65	2	51415	268000	615000	800	1200	6.08
80	105	19	1	51116	48500	145000	1900	3000	0.40
	115	28	1	51216	83800	222000	1400	2000	0.90
	140	44	1.5	51316	160000	380000	1000	1600	2.69
	170	68	2.1	51416	292000	692000	750	1100	7.12
85	110	19	1	51117	49200	150000	1800	2800	0.42
	125	31	1	51217	102000	280000	1300	1900	1.21
	150	49	1.5	51317	208000	495000	950	1500	3.47
	180	72	2.1	51417	318000	782000	700	1000	8.28
90	120	22	1	51118	65000	200000	1700	2600	0.65
	135	35	1.1	51218	115000	315000	1200	1800	1.65
	155	50	1.5	51318	205000	495000	900	1400	3.69
	190	77	2.1	51418	325000	825000	670	950	9.86
100	135	25	1	51120	85000	268000	1600	2400	0.95
	150	38	1.1	51220	132000	375000	1100	1700	2.21
	170	55	1.5	51320	235000	595000	800	1200	4.86
	210	85	3	51420	400000	1080000	600	850	13.30
110	145	25	1	51122	87000	288000	1500	2200	1.03
	160	38	1.1	51222	138000	412000	1000	1600	2.39
	190	63	2	51322	278000	755000	700	1100	7.05

带座外球面轴承

INSERT BEARING UNITS WITH HOUSING

该轴承外圈具有球面外径与轴承座的凹球面相结合。具有自动调心功能，适用于刚性差、挠度较大的支承轴。如农业机械、输送机械、建筑机械。

该轴承通常有一个加宽的内圆，通过紧钉螺钉或偏心套或紧定套固定在轴上。轴承内孔分圆柱形和锥孔形二种。为方便与轴装配，内圈内径公差取加公差。

该轴承密封通常采用双层密封或三层密封，轴承的径向游隙通常取深沟球轴承的第3组的游隙。轴承的内圈除了正常热处理外，内圈伸长端紧钉螺钉处经过高温局部回火使其保持韧性，从而可防止螺钉在工作时松脱和螺钉拧紧时导致内圈开裂。

该轴承有公制和英制二个系列尺寸。

The outside diameter of the bearing is spherical to match the corresponding inner concave spherical surface of the housing providing self-aligning between these two parts. They are widely used on support shafts with poor rigidity and large deflection such as agricultural machinery, conveying systems and construction equipment.

Normally there is a dilated inner ring inside this bearing, and it can be fixed on the shaft by bolts or eccentric sleeves or adapter sleeves. There are two kinds of bearing bores: cylindrical bore and tapered bore. The tolerance for the inside diameter of inner ring should be upper tolerance for easy assembling.

The seals of these kinds of bearings are normally double seals or tripe-lips seals, and the radial clearance adopt C3 group clearance of the deep groove ball bearings. The inner ring of the bearing is heat-treated, the part that the set screw is fixed on the elongated end of the inner ring is tempered by high temperature to keep tenacity. This special heat-treatment prevents the set screws from loosening during operation or causing inner ring broken.

The bearings cover two series: metric system series and inch system series.



轴承类型 BEARINGS TYPE

带座外球面轴承 Insert bearing units with housing

带座外球面轴承的代号是由轴承结构形式代号 + 座的结构形式代号 + 尺寸系列号组成。
The code number of insert bearing units with housing is composed of bearing number + housing number + dimension size unumber.

轴承结构形式代号

- UC——带紧钉螺钉的外球面轴承
UC——Insert bearing with set screws

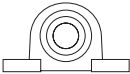
UB(SB)——一端内外圈平带紧钉螺钉的外球面轴承
UB(SB)——Insert bearing with set screws and one flat side of inner/outer ring
- UEL(HC, NA)——带偏心套的外球面轴承
UEL(HC, NA)——Insert bearing with eccentric sleeve

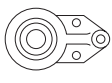
UE(SA)——一端内外圈平带偏心套的外球面轴承
UE(SA)——Insert bearing with eccentric sleeve and one flat side of inner/outer ring
- Uk——带紧定套的外球面轴承
UK——Insert bearing with adapter sleeve

UD(SC)——二端内外圈平带紧定套的外球面轴承
UD(SC)——Insert bearing with adapter sleeve and both sides are flat on inner/outer ring

轴承座有铸铁座、冲压座、不锈钢座、锌合金座及塑料座
The housings include cast iron housing, pressed plummer block housing, stainless steel housing, zinc alloy housing, plastic housing.

轴承与座结合表
Bearings and housings matching table

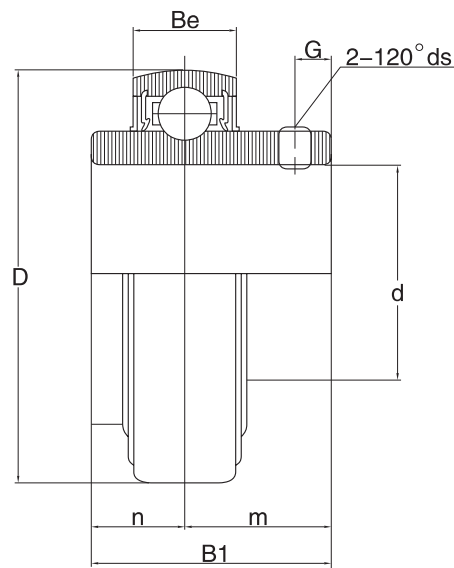
座 Housings		轴承 Bearings	UC	UEL (HC) (NA)	UK	UB (SB)	UE (SA)	UD (SC)
铸铁座 Cast Iron Housing		P	UCP	UELP	UKP	UBP	UEP	
		F	UCF	UELF	UKF	UBF	UEF	
		FL	UCFL	UELFL	UKFL	UBFL	UEFL	
		T	UCT	UELT	UKT	UBT	UET	
		FC	ULFC	UELFC	UKFC	UBFC	UEFC	
		PH	UCPH	UELPH	UKPH	UBPH	UEPH	

座 Housings		轴承 Bearings	UC	UEL (HC) (NA)	UK	UB (SB)	UE (SA)	UD (SC)
铸铁座 Cast Iron Housing		PA	UCPA	UELPA	UKPA	UBPA	UEPA	
		HA	UCHA	UELHA	UKHA			
		FB	UCFB	UELFB	UKFB			
		FA	UCFA	UCLFA	UKFA			
		C	UCC	UCLC	UKC			
冲压座 Pressed Plummer Block Housing		PP				UBPP	UEPP	
		PF				UBPF	UEPF	
		PFL				UBPFL	UEPFL	
		PFT				UBPFT	UEPFT	

轴承类型 BEARINGS TYPE

外球面轴承 Insert Bearing Units With Housing

UC200



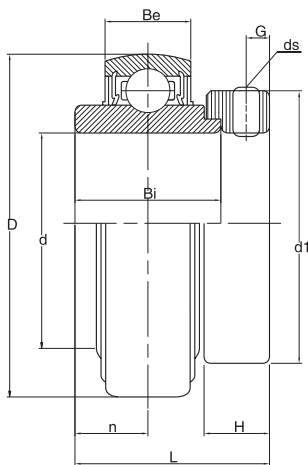
轴承代号 Bearing No	轴径 Shaft Dia		外形尺寸 (mm) Boundary dimensions								额定动负荷 Basic dynamic	额定静负荷 Basic static	重量 Weight		
	d		D	Bi	Be	n	m	G	ds		Load Rating (KN)	Load Rating (KN)	(KG)		
	(in)	(mm)							(mm)	(In.UNF)					
UC201		12	47	31	16	12.7	18.3	5	M6×0.75		7.36	4.79	0.21		
UC202		15	47	31	16	12.7	18.3	5	M6×0.75		7.36	4.79	0.19		
UC203		17	47	31	16	12.7	18.3	5	M6×0.75	1/4-28	7.36	4.79	0.13		
UC204		20	47	31	17	12.7	18.3	5	M6×0.75		9.88	6.65	0.17		
UC204-12	3 / 4								M6×1	1/4-28			0.18		
UC205		25	52	34.1	17	14.3	19.8	5	M6×1		7.36	4.79	0.19		
UC205-14	7/8									1/4-28	10.78	9.93	0.22		
UC205-15	15/16												0.2		
UC205-16	1												0.19		
UC206		30	62	38.1	19	15.9	22.2	5	M6×1		14.97	11.31	0.31		
UC206-18	1-1/8									5/16-24			0.34		
UC206-19	1-3/16												0.32		
UC206-20	1-1/4												0.3		
UC207		35	72	42.9	20	17.5	25.4	7	M8×1		19.75	15.3	0.46		
UC207-20	1-1/4									5/16-24			0.52		
UC207-22	1-3/8												0.48		
UC207-23	1-7/16												0.46		

轴承代号 Bearing No	轴径 Shaft Dia		外形尺寸 (mm) Boundary dimensions								额定动负荷 Basic dynamic Load Rating (KN)	额定静负荷 Basic static Load Rating (KN)	重量 Weight (KG)
	d		D	Bi	Be	n	m	G	ds				
	(in)	(mm)							(mm)	(In.UNF)			
UC208		40	80	49.2	21	19	30.2	8	M8×1		25.09	19.84	0.63
UC208-24	1-1/2									5/16-24			0.68
UC208-25	1-9/16												0.64
UC209		45	85	49.2	22	19	30.2	8	M8×1		25.14	20.46	0.68
UC209-26	1-5/8												0.78
UC209-27	1-11/16									3/8-24			0.74
UC209-28	1-3/4												0.7
UC210		50	90	51.6	24	19	32.6	10	M10×1.25		26.98	23.18	0.78
UC210-30	1-7/8									3/8-24			0.85
UC210-31	1-15/16												0.8
UC211		55	100	55.6	25	22.2	33.4	10	M10×1.25		33.37	29.22	1.07
UC211-32	2												1.22
UC211-34	2-1/8									3/8-24			1.1
UC211-35	2-3/16												1.05
UC212		60	110	65.1	27	25.4	39.7	10	M10×1.25		36.74	32.93	1.51
UC212-36	2-1/14									3/8-24			1.65
UC212-39	2-7/16												1.42
UC213		65	120	65.1	29	25.4	39.7	10	M10×1.25		44.01	40	1.86
UC213-39	2-7/16									7/16-20			1.96
UC213-40	2-1/2												1.94
UC214		70	125	74.6	30	30.2	44.4	12	M12×1.25		46.79	45.03	2.05
UC214-43	2-11/16									7/16-20			2.04
UC214-44	2-3/4												2.06
UC215		75	130	77.8	30	33.3	44.5	12	M12×1.25		50.85	49.3	2.21
UC215-47	2-15/16									7/16-20			2.3
UC215-48	3												2.13
UC216		80	140	82.6	33	33.3	49.3	12	M12×1.25	7/16-20	55.04	53.31	2.79
UC217		85	150	85.7	35	34.1	51.6	12	M12×1.5		63.98	63.89	3.38
UC217-52	3-1/4									7/16-20			3.59
UC218		90	160	96	37	39.7	56.3	12	M12×1.5		73.83	70.76	4.46
UC218-56	3-1/2									1/2-20			4.56

轴承类型
 BEARINGS TYPE

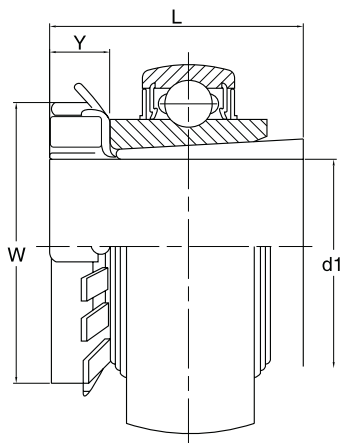
外球面轴承
 Insert Bearing Units With Housing

UEL200(HC,NA)

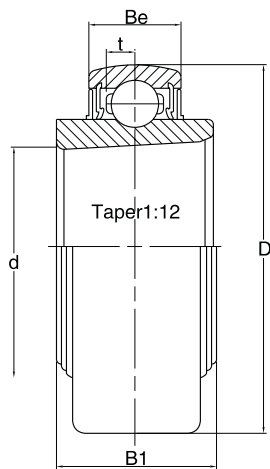


轴承代号 Bearing No	轴径	外形尺寸 (mm)									额定动负荷	额定静负荷	重量
	Shaft Dia	Boundary dimensions									Basic dynamic	Basic static	Weight
	d	D	Be	L	Bi	n	d1	H	G	ds	Load Rating (KN)	Load Rating (KN)	(KG)
(mm)	(mm) in												
UEL201	12	47	16	35.7	34.2	17.1	33.3	13.5	5	M6×1	7.5	4.00	0.27
UEL202	15	47	16	35.7	34.2	17.1	33.3	13.5	5	M6×1	7.5	4.00	0.24
UEL203	17	47	16	35.7	34.2	17.1	33.3	13.5	5	M6×1	7.5	4.00	0.23
UEL204	20	47	17	43.6	34.2	17.1	33.3	13.5	5	M6×1	9.9	6.7	0.21
UEL205	25	52	17	44.4	34	17.5	38.1	13.5	5	M6×1	10.78	9.93	0.25
UEL206	30	62	19	48.4	36.6	18.3	44.5	15.9	5	M6×1	14.97	11.31	0.39
UEL207	35	72	20	51.2	37.6	18.8	55	17.5	6.5	M8×1	19.8	15.3	0.6
UEL208	40	80	21	56.4	42.8	21.4	60.3	18.3	6.5	M8×1	25.1	19.8	0.77
UEL209	45	85	22	56.4	42.8	21.4	63.5	18.3	6.50	M8×1	25.1	20.5	0.84
UEL210	50	90	24	62.7	49.2	24.6	69.9	18.3	6.50	M8×1	27.0	23.2	1.02
UEL211	55	100	25	71.4	55.6	27.8	76.2	20.7	8.00	M10×1.25	33.4	29.2	1.37
UEL212	60	110	27	77.8	61.2	31	84.1	22.3	8.00	M10×1.25	36.7	32.9	1.85

UK200+H2300



UK200+H2300



UK200

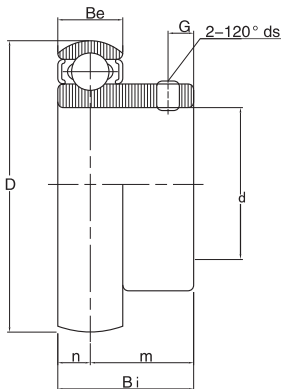
UK200+H2300

轴承代号 Bearing No	轴径 Shaft Dia		外形尺寸 (mm) Boundary dimensions								额定动负荷 Basic dynamic Load Rating (KN)	额定静负荷 Basic static Load Rating (KN)	配用轴承代号 Bearing No	配用紧定套代号 Adapter Sleeve No.	重量 Weight (KG)
	d1		d	D	Be	B1	L	t	r	w					
	(in)	(mm)													
UK205+H2305		20	25	52	17	23	35	4.5	8	38	10.78	9.93	UK205	H2305	0.24
205+HE2305	3 / 4													HE2305	0.25
UK206+H2306		25	30	62	19	26	38	5.1	8	45	14.97	11.31	UK206	H2306	0.4
206+HA2306	15/16													HA2306	0.41
206+HA2306	1													HE2306	0.37
UK207+H2037		30	35	72	20	28	43	5.8	9	52	19.75	15.3	UK207	H2307	0.55
207+HS2307	1-1/8													HS2307	0.57
207+HA2307	1-3/16													HA2307	0.55
UK208+H2308		35	40	80	21	29	46	6.2	10	58	25.09	19.84	UK208	H2308	0.72
208+HE2308	1-1/4													HE2308	0.78
UK209+H2309		40	45	85	22	30	50	6.5	11	65	25.14	20.46	UK209	H2309	0.93
209+HA2309	1-7/16													HA2309	0.89
209+HE2309	1-1/2													HE2309	0.95
UK210+H2310		45	50	90	22	32	55	6.5	12	70	26.98	23.18	UK210	H2310	0.8
210+HA2310	1-11/16													HA2310	0.89
210+HE2310	1-3/4													HE2310	0.84
UK211+H2311		50	55	100	25	36	59	7.3	12	75	33.37	29.22	UK211	H2311	1.19
211+HS2311	1-7/8													HS2311	1.28
211+HE2311	2													HE2311	1.17
UK212+H2313		55	60	110	27	38	62	7.7	13	80	36.74	32.93	UK212	H2312	1.52
212+HS2312	2-1/8													HS2312	1.56
UK213+2313		60	65	120	29	40	65	8.3	14	85	44.01	40	UK213	H2313	1.91
213+HA2313	2-3/16													HA2313	2.1
213+HE2313	2-1/4													HE2313	1.04
UK215+E2315		65	75	130	30	43	73	9.2	15	98	50.85	49.3	UK215	H2315	2.56
215+HE2315	2-1/2													HE2315	2.65
UK216+2316		70	80	140	33	46	78	9.6	17	105	55.04	53.31	UK216	H2316	3.23
216+HE2316	2-3/4													HE2316	3.24
UK217+H2317		75	85	150	35	48	82	10.5	18	110	63.98	63.69	UK217	H2317	3.93
217+HE2317	3													HE2317	3.84
UK218+H2318		80	90	160	37	50	66	11.1	18	120	73.83	70.76	Uk218	H2318	4.75
218+HS2318	3-1/8													Hs2318	4.8

轴承类型 BEARINGS TYPE

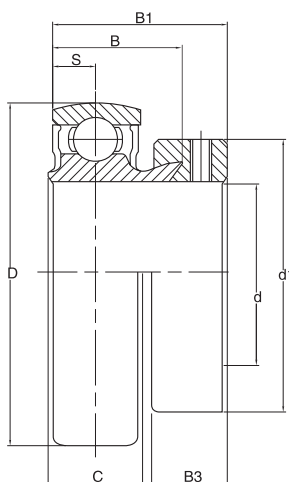
外球面轴承 Insert Bearing Units With Housing

UB200(SB200)



轴承代号 Bearing No	轴径 Shaft Dia		外形尺寸 (mm) Boundary dimensions								额定动负荷 Basic dynamic Load Rating	额定静负荷 Basic static Load Rating	重量 Weight
	d		D	Bi	Be	n	m	G	ds		(KN)	(KN)	(KG)
	(in)	(mm)							(mm)	(In.UNF)			
UB201	12		40	22	12	6	16	4.5	M5×0.8		9.36	4.79	0.07
UB202	15									1/4-28			0.07
UB203		17	40	22	12	6	16	4.5	M5×0.8		9.50	4.79	0.07
UB204		20	47	25	14	7	18	5	M6×1	1/4-28	9.88	6.65	0.12
UB204-12	3/4												0.13
UB205		25							M6×1				0.16
UB205-14	7/8		52	27	15	7.5	19.5	5		1/4-28	10.78	9.93	0.18
UB205-15	15/16												0.17
UB205-16	1												0.16
UB206		30							M6×1				0.25
UB206-18	1-1/8		62	30	16	8	22	6		1/4-28	14.97	11.31	0.26
UB206-19	1-3/16												0.25
UB206-20	1-1/4												0.24
UB207		35							M6×1				0.38
UB207-20	1-1/4		72	32	17	8.5	23.5	7		5/16-24	19.75	15.3	0.43
UB207-22	1-3/8												0.38
UB207-23	1-7/16												0.37
UB208		40							M8×1				0.58
UB208-24	1-1/2		80	34	18	9	25	8		5/16-24	25.09	19.84	0.6
UB208-25	1-9/16												0.58
UB209		45	85	41.2	19	10.2	31	8	M8×1		31.50	20.5	0.75
UB2010		50	90	43.5	20	10.9	32.6	9.2	M10×1.25		35.00	23.3	0.85
UB2011		55	100	45.3	21	11.8	33.5	9.8	M10×1.25		43.20	29.2	1.00
UB2012		60	110	53.7	22	14.9	38.8	9.8	M10×1.25		4.78	32.8	1.25

UE200(SA200)

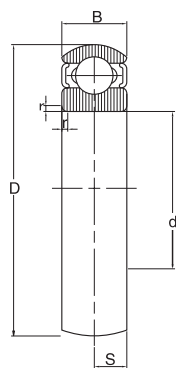


轴承代号 Bearing No	轴径 Shaft Dia		外形尺寸 (mm) Boundary dimensions							偏心套 Eccentric Collar	额定动负荷 Basic dynamic Load Rating (KN)	额定静负荷 Basic static Load Rating (KN)	重量 Weight (KG)
	d		D	B	B1	S	C	B3	d1				
	(in)	(mm)											
UE203		17	40	20	29.5	7	14	13.5	28.6	A203	7.35	4.78	0.13
UE203-11	11/16									203-11			
UE204-12	3/4		47	20	29.5	7	14	13.5	33.3	A204-12	9.88	6.65	0.15
UE204		20								204			
UE205-14	7/8		52	21	30.5	7.5	15	13.5	38.1	A205-14	10.78	7.88	0.22
UE205-15	15/16									205-15			
UE205		25								205			
UE205-16	1									205-16			
UE206-18	1-1/8		62	22	33.9	8	16	15.9	44.5	A206-18	14.97	11.2	0.3
UE206		30								206			
206-19	1-3/16									206-19			
206-20	1-1/4									206-20			
UE207-20	1-1/4		72	24	37.5	9	18	17.5	55.6	A207-20	19.75	15.2	0.5
UE207-21	1-6/16									207-21			
207-22	1-3/8									207-22			
207		35								207			
207-23	1-7/16									207-23			
UE208-24	1-1/2		80	27	40.5	9.5	19	18.3	60.3	A208-24	22.8	18.2	0.67
UE208-25	1-9/16									208-25			
208		40								208			

轴承类型 BEARINGS TYPE

外球面轴承 Insert Bearing Units With Housing

UD200(SC200)



轴承代号 Bearing No	外形尺寸 (mm) Boundary dimensions					额定动负荷 Basic dynamic Load Rating (KN)	额定静负荷 Basic static Load Rating (KN)	重量 Weight (KG)
	d	D	B	S	r			
UD203	17	40	12	6	1	7.36	4.79	0.06
UD204	20	47	14	7	1.5	9.88	6.65	0.10
UD205	25	52	15	7.5	1.5	10.78	9.93	0.12
UD206	30	62	16	8	1.5	14.97	11.31	0.19
UD207	35	72	17	8.5	2	19.75	15.3	0.27
UD208	40	80	18	9	2	25.09	19.84	0.37
UD209	45	85	19	9.5	2	25.14	20.46	0.42
UD210	50	90	20	10	2	26.98	23.18	0.47
UD211	55	100	21	10.5	2.5	34.00	25.50	0.62
UD212	60	110	22	11	2.5	41.00	31.50	0.80

WEEYA®

农机轴承

AGRICULTURAL BEARINGS

该轴承的特点是：外圈外径可以是圆柱面，也可以是外球面（后为B表示）；有润滑油孔（后为G表示）和无润滑油孔；内圈内径有圆柱形孔、方形孔、六角形孔；有宽内圈和内外圈都加宽的结构（后为W表示）。

该轴承一般在环境极脏的工作中使用，如农业机械、建筑机械、传送机械等。所以此类轴承的密封都为三层密封。

当代号前为W结构时，PP密封就代表三层密封，当代号前无W结构时后置代号K就表示三层密封。

This kind of bearings' characteristic is: outer ring surface can be cylindrical or spherical (Code B); with oil hole (Code G) or without oil hole; cylindrical, square, hexangular inner ring bore; dilated inner ring or dilated inner and outer ring (Code W) .

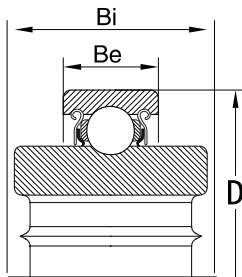
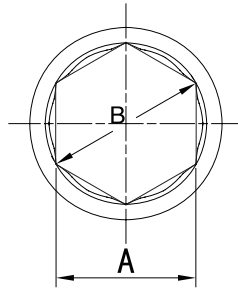
Agricultural bearings are normally working under very dirty conditions like in agricultural machines, construction machines, transport machines etc., So they're all with triplex layer seals.

If the preposed code number is W, PP seal means triplex layer seals; if the preposed code number is without W, K seal means triplex layer seals.

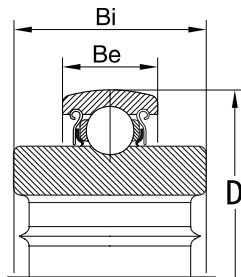


轴承类型 BEARINGS TYPE

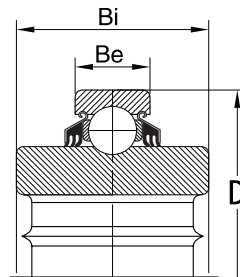
农机轴承 Agricultural Bearings



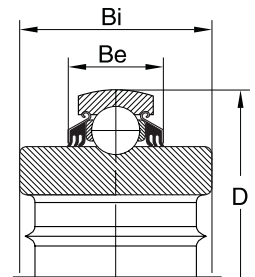
TYPE 1



TYPE 2

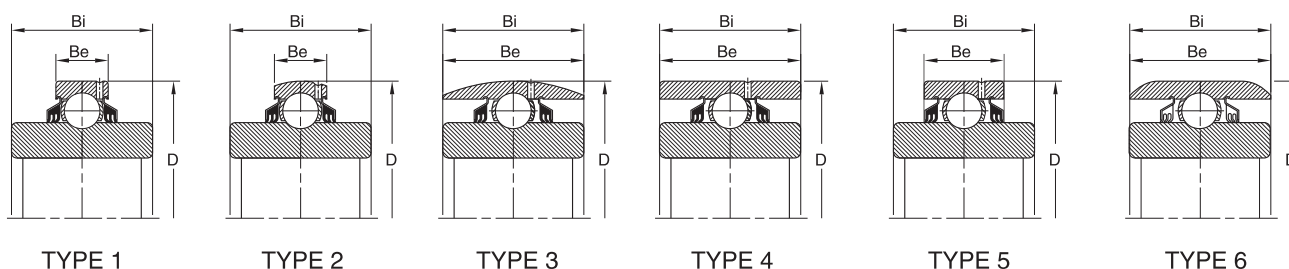
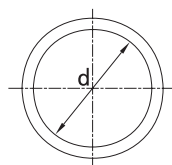


TYPE 3



TYPE 4

轴承代号 Bearing No	型式 Type	孔尺寸 Bore Size	外型尺寸 (mm) Exterior Dimensions				
			B	A	D	Be	Bi
202KRR3	1	9/16"	16.46	14.3	35	11	13
204KPP2	3	11/16"	20.24	17.65	47	14	20.96
204KRR2	1	11/16"	20.24	17.65	47	14	20.96
204KRRB2	2	11/16"	20.24	17.65	47	14	20.96
204KPPB2	4	11/16"	20.24	17.65	47	14	20.96
205KPP2	3	7/8"	25.7	22.25	52	15	25.4
205KPPB2	4	7/8"	25.7	22.25	52	15	25.4
205KRR2	1	7/8"	25.7	22.25	52	15	25.4
205KRRB2	2	7/8"	25.7	22.25	52	15	25.4
206KRR6	1	1"	29.26	25.43	62	16	24
206KRRB6	2	1"	29.26	25.43	62	16	24
G207KPPB2	4	11/8"	32.97	28.6	72	19	37.69
207KRRB9	2	11/8"	32.97	28.6	72	17	37.69
207KRRB12	2	11/8"	32.97	28.6	72	17	25
207KPPB3	4	11/4"	36.65	31.78	72	17	37.7
207KPP3	3	11/4"	36.65	31.78	72	17	25
GW208PPB22	4	11/4"	36.83	31.88	80	21	36.52
W208PPB21	3	11/4"	36.83	31.88	80	21	36.52
W208KRRB6	2	13/8"	40.3	34.95	80	21	36.52
W208PPB16	4	11/4"	36.65	31.78	80	18	36.52
G209KRRB2	4	11/2"	43.94	38.13	85	19	30
209KRRB2	2	11/2"	43.94	38.13	85	19	30
W210PPB7	4	15/8"	47.65	47.65	90	30.18	30.18
GC211-32-NLC	3	13/4"	51.31	44.48	100	25	57.15

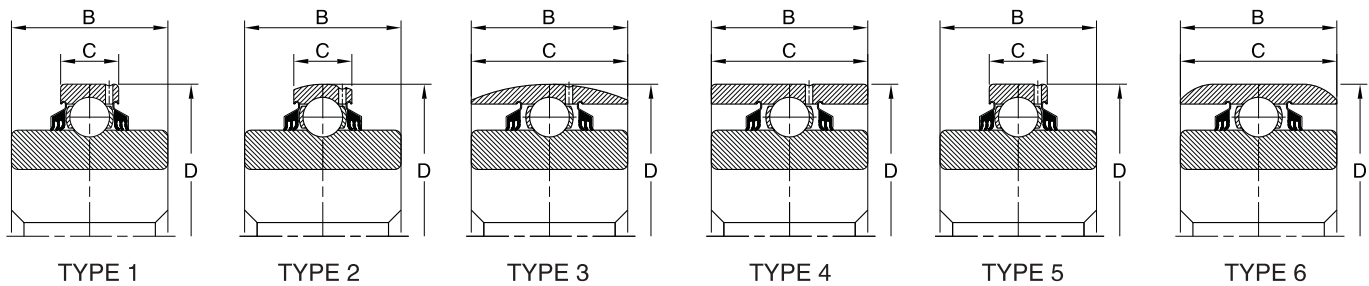
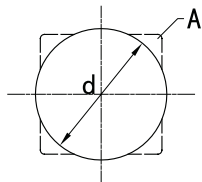


轴承代号 Bearing No	型式 Type	外型尺寸 (mm) Exterior Dimensions			
		B	D	Be	Bi
W208PPB2	1	38.113	80	18	42.876
W208PPB7	2	30.175	80	18	30.18
W208PP10	1	38.113	80	21	42.875
W208PPB10	1	38.113	80	21	42.875
W208PPB23	2	38.113	80	30.175	42.875
W209PPB2	3	45	85	30.175	30.175
W209PPB4	3	39	85	30.175	30.175
W210PP2	4	49.225	90	30.175	30.175
W210PPB2	3	49.225	90	30.175	30.175
W210PPB5	3	45.339	90	30.175	30.175
W210PP8	4	38.862	90	30.175	30.175
W210PPB9	2	49.4	90	23	36.53
W211PP2	4	55.575	100	33.325	33.325
W211PPB2	3	55.575	100	33.325	33.325
W211PPB4	6	55.575	100	33.325	55.5
W214PP2	4	70	125	33.69	39.675
W214PPB2	3	70	125	33.69	39.675
W214PPB9	3	70.256	125	28	44.45
GW209PPB2	3	45	85	30.175	30.175
GW209PPB4	3	39	85	30.175	30.175
GW209PPB11	1	45.237	85	22	36.52
GW210PPB2	3	49.225	90	30.175	30.175
GW210PPB5	3	45.339	90	30.175	30.175
GW210PP9	5	49.403	90	23	36.52
GW211PP2	4	55.575	100	33.325	33.325
GW211PPB2	3	55.575	100	33.325	33.325

轴承类型 BEARINGS TYPE

农机轴承 Agricultural Bearings

轴承代号 Bearing No	型式 Type	外型尺寸 (mm) Exterior Dimensions			
		B	D	Be	Bi
GW211PPB8	1	55.575	100	25	33.325
GW211PPB9	1	55.753	100	25	39.69
GW211PPB10	3	49.225	100	33.325	33.325
GW211PPB13	1	45.339	100	25	33.325
GW211PPB14	1	51.181	100	25	33.325
GW211PP25	5	45.212	100	33.325	44.45
GW214PP2	4	70	125	33.69	36.69
GW214PPB2	3	70	125	33.69	39.69
GW214PPB3	3	49.213	125	33.69	39.69
GW214PPB5	2	70	125	33.69	61.925
GW214PPB6	1	68.278	125	28	68.26
GW315PPB11	3	70	160	68.26	68.26



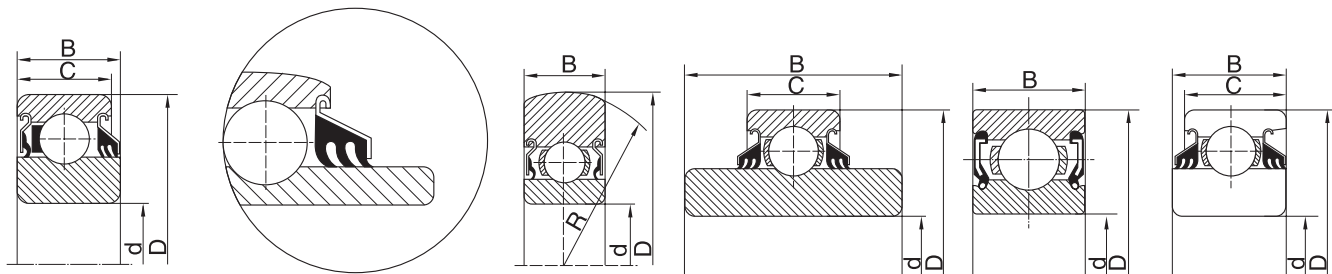
轴承代号 Bearing No	型式 Type	轴尺寸 Shaft size	外型尺寸 (mm) Exterior Dimensions					
			d	A	R	D	Be	Bi
GW208PPB5	1	28.575	31.394	29.972	2.54	80	21	36.52
GW208PPB6	1	25.4	27.788	26.162	2.54	80	21	36.52
GW208PPB8	2	28.575	31.394	29.972	2.54	80	30.175	36.52
GW208PP17	4	28.575	31.394	29.972	2.54	80.75	30.175	36.52
GW208PPB17	2	28.575	31.394	29.972	2.54	80.75	30.175	36.52
GW209PPB5	2	31.75	34.798	32.776	2.54	85	30.175	36.52
GW209PPB8	1	31.75	34.798	32.776	2.54	85	22	36.52
GW210PP4	5	28.575	31.394	29.972	2.54	90	30.175	30.175
GW210PPB4	3	28.575	31.394	29.972	2.54	90	30.175	30.175
GW211PP3	5	38.1	41.499	38.89	2.54	100	33.325	33.325

轴承代号 Bearing No	型式 Type	轴尺寸 Shaft size	外型尺寸(mm) Exterior Dimensions					
			d	A	R	D	Be	Bi
GW211PPB3	3	38.1	41.499	38.89	2.54	100	33.325	33.325
GW211PP5	4	38.1	41.499	38.89	2.54	101.6	36.52	44.45
GW211PP7	4	38.1	41.499	38.89	2.54	100	33.325	44.45
GW211PPB17	1	38.1	41.499	38.89	2.54	100	33.325	44.45
GW214PPB4	3	50.8	54.889	52.2	2.54	125	39.675	39.675
GW216PP2	4	57.15	68.2	58.8	2.54	140	30	63.5
W208PP5	4	28.575	31.394	29.972	2.54	80	18	39.52
W208PPB5	1	28.575	31.394	29.972	2.54	80	18	36.52
W208PP6	4	25.4	27.788	26.162	2.54	80	18	36.52
W208PPB6	1	25.4	27.788	26.162	2.54	80	18	36.52
W208PP8	4	28.575	31.394	29.972	2.54	80	30.175	36.52
W208PPB8	2	28.575	31.394	29.972	2.54	80	30.175	36.52
W208PPB9	2	25.4	27.788	26.162	2.54	80	30.175	36.52
W208PP11	6	22.225	24.441	23	2.54	85.75	30.175	36.52
W208PP12	6	28.575	31.394	29.972	2.54	85.75	30.175	36.52
W208PP13	1	22.225	24.441	23	2.54	80	18	36.52
W209PPB5	2	31.75	34.798	32.766	2.54	85	30.175	36.52
W209PPB7	6	31.75	34.798	32.766	2.54	85.75	30.175	36.52
W210PP4	5	28.575	31.394	29.972	2.54	90	30.175	33.175
W210PPB4	3	28.575	31.394	29.972	2.54	90	30.175	33.175
W210PPB6	2	28.575	31.394	29.972	2.54	90	30.175	36.52
W211PP3	5	38.1	41.199	38.89	2.54	100	30.324	33.324
W211PPB3	3	38.1	41.199	38.89	2.54	100	30.324	33.324
W211PP5	4	38.1	41.199	38.89	2.54	101.6	36.52	44.45
W211PPB6	6	38.1	41.199	38.89	2.54	104.78	36.52	44.45

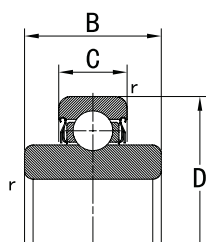
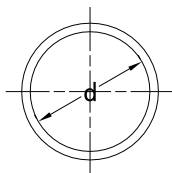
SZD®

轴承类型 BEARINGS TYPE

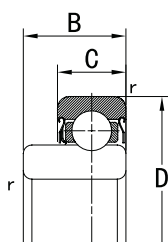
农机轴承 Agricultural Bearings



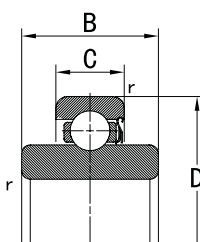
轴承代号 Bearing No	外型尺寸 (mm) Exterior Dimensions			
	B	D	Be	Bi
RX84	17.64	53.97	15.87	20.19
202NPP9	12.827	38.1	11	11
202RRE	15	35	11	22.352
203JD	17	40	12	14
203KRR3	15.951	50.8	15	15
203NPP9	15.9	40	12.95	12.95
29504-2RST	19.05	45.225	15.494	15.494
204RR8	16.027	45.225	15.494	15.494
204RY2	16.027	45.225	15.494	18.669
205E-2RST	19.202	52	15	21.107
205KP6	19.202	52	17.78	23.393
205KRR6	13.081	52	15	34.925
205KRR7	13	52	15	38.1
G205PPB7	23.813	52	15	35
205PPB7	23.813	52	15	35
205PP8	12.964	52	15	34.925
205PP9	19.202	52	15	34.925
205PP10	16	52	15	34.925
205PP12	16.129	52	15	38.1
206KRRB	19.25	62	16	24
206PD2	31.75	65.088	17	18.524
207KYY	35	72	17	25
FHR208-25CD	39.688	80	18	30.2
W213-8445	55.575	120	28.905	55.55
88120-C4	20	47	14	20.8
88128R	38.892	80	21	27.5
206GGH	19.2	62	16	24
206KRD4	25	62	18	22.225
205GP	16	53	18.2	19.4
205DDS 3 / 4"	19.05	53	18.2	19.4
205RVA	19.2	52	15	21.03
Z9504AB	19.06	45.225	15.494	15.494



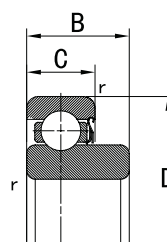
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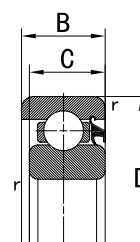
TYPE 2



TYPE 3



TYPE 3



TYPE 4

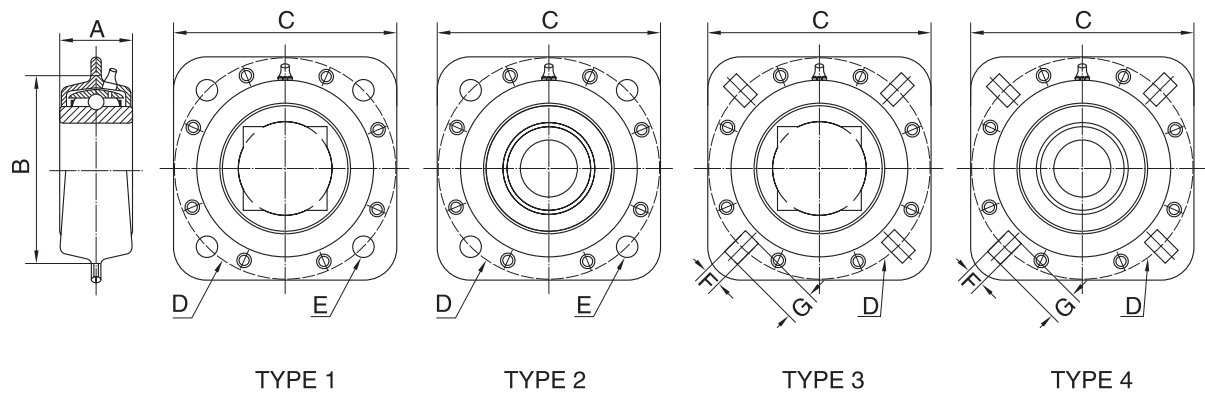
轴承代号 Bearing No	型式 Type	外型尺寸 (mm) Exterior Dimensions				
		d	D	C	B	rmin
203KR2	4	15.883	40	12	14	0.6
203KRR2	1	16.256	40	12	18.288	0.6
203KRR5	1	13.081	40	12	18.288	0.6
203KRR6	1	16.256	47	12	18.288	0.6
203KRR7	1	17	40	12	16.212	0.6
204KR2	4	19.063	45.225	15.494	15.494	1
204KRR3	1	20	47	14	17.755	1
204KRD4	2	16	47	14	17.5	1
204KRR14	1	16	47	15	18.288	1
205KR3	5	19.05	52	17.76	16.26	1
205KR4	3	25.413	52	15	25.4	1
206KR7	3	30	62	16	24	1
206KRR8	1	30	62	16	24	1
207KRR	1	35	72	17	25	1.1
208KRR2	1	40	80	21	27	1.1

WEEYA®

轴承类型 BEARINGS TYPE

农机轴承 Agricultural Bearings

农机组件轴承
Agricultural Unit Bearings



轴承代号 Bearing No	型式 Type	轴尺寸 Shaft size	外型尺寸 (mm) Exterior Dimensions						
			A	B	C	D	E	F	G
ST491A	2	1 3/4 'RD	1.687'	4'	5'	5'	0.53'		
			42.85	101.6	127	127	13.5		
ST491B	4	1 1/2'RD	1.687'	4'	5'	5'		0.53'	0.687'
			42.85	101.6	127	127		13.5	17.45
PD209-1 1/8SQ	3	1 1/8'SQ	1.687'	4'	5'	5'		0.53'	0.687'
			42.85	101.6	127	127		13.5	17.45
PD209-1 1/4SQ	3	1 1/4'SQ	1.687'	4'	5'	5'		0.53'	0.687'
			42.85	101.6	127	127		13.5	17.45
PD210-1 1/8SQ	1	1 1/8'SQ	1.75'	4'	5'	5'	0.53'		
			44.45	101.6	127	127	13.5		
PD211-1 1/2SQ	3	1 1/2'SQ	2'	4'	5.5'	5.5'		0.53'	0.687'
			50.8	101.6	139.7	127		13.5	17.45
PD211-1 3/4RD	2	1 3/4'RD	2.187'	4'	5.5'	5.5'	0.53'		
			55.55	101.6	139.7	139.7	13.5		
PD211-1 3/4HX	2	1 3/4'HX	2.188'	4'	5.5'	5.5'	0.53'		
		1	55.58	101.6	139.7	139.7	13.5		
PD211-1 15/16RD	2	15/16'RD	2.187'	4'	5.5'	5.5'	0.53'		
			55.55	101.6	139.7	139.7	13.5		
PD211-1 16/16DC*	2	1 15/16'RD	2.125'	4'	5.5'	5.5'	0.53'		
			53.98	101.6	139.7	139.7	13.5		
PD211-2 3/16RD	2	23/16'RD	2.187'	4'	5.5'	5.5'	0.53'		
			55.55	101.6	139.7	139.7	13.5		

导轨轴承 GUIDE BEARINGS

该轴承特点是：外圈外径都为厚壁结构，外径侧角处采用大圆角过渡。外圈外径有圆弧形、圆柱形、圆锥形、凹槽形等不同形状以适应不同导轨结构。轴承两边都带有防尘结构，有用密封圈也有用防尘盖。轴承广泛应用于叉车机械、工程机械。

由于该类轴承的使用特点，一般压碎负荷不低于基本额定负荷的5倍。

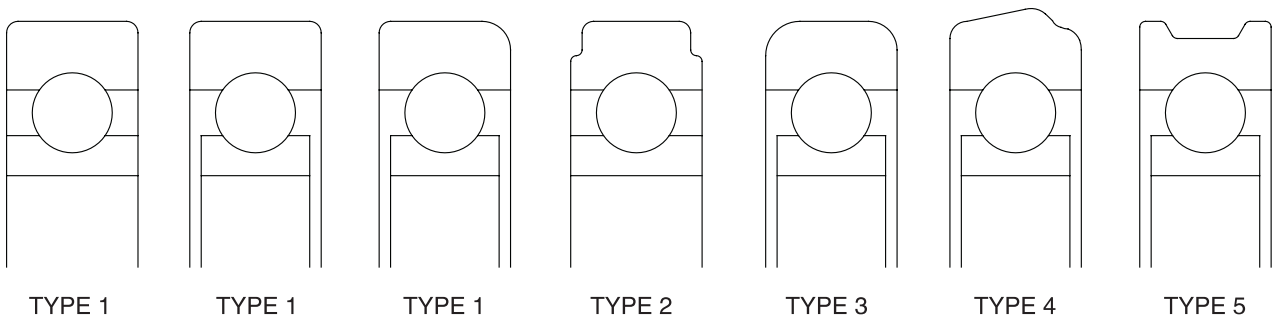
This kind of bearings' characteristic is: outer ring outside diameter is of thick wall construction, and the lateral horn of outside diameter is big fillet. To meet different guide rail, there are cycle, cylindrical, taper and concave groove shape outer rings of the guide bearings. There are anti-dust constructions on both sides of the bearings, like seals or shields. Guide bearings are widely used in forklift and engineering machines.

Guide bearings can usually bear a fracture load 5 times more than the basic rating load due to its characteristics.



轴承类型 BEARINGS TYPE

导轨轴承 Guide Bearings



轴承型号 Bearing No.		型式 Type	外型尺寸(mm) Exterior Dimensions						轴承型号 Bearing No.	
MRC*	BCA		d	D	W1	W2	R	E		Hoove
205SZZ-29	MG206FFA	1	25.40	57.15	18.115	14.00		1.020		
206SZZ-16		2	30.00	76.20	28.575	16.00		6.300	MG206-2RS-1	
	MG206FFU	8	30.00	81.28	25.400	19.586	3.000	2.900		
HG206MZZ-1		3	30.00	79.375	28.575	16.586	6.350	6.020		
	MG206FFP	3	30.00	81.00	29.000	16.59	6.000			
		3	30.00	82.00	29.000	16.59	6.000			
		3	30.00	88.00	29.000	16.59	6.000			
		3	30.00	81.50	29.000	16.59	6.000			
206MZZ	MG207FFA	3	30.00	86.36	28.575	16.59	6.350	6.020		
207SZZ-20		4	35.00	70.36	17.000	17.00				
207MZZ-1	MG207FFR	2	35.00	81.864	27.100	17.00	3.000	4.980		X485RS
		2	35.00	88.392	31.877	17.00	3.000	5.000		
	MG208FFA	1	35.00	88.392	31.750	17.00	1.520	7.370		
208SZZ-9		3	35.00	101.752	30.163	21.00	9.530			
	MG208FFR	8	40.00	100.838	25.400	19.588	3.000	2.540		
		3	40.00	95.00	28.580	21.00	7.900	5.000		
	MG209DD	3	40.00	101.35	28.580	21.00	7.900	5.000		
		3	40.00	101.346	28.575	21.00	10.030	4.000		
209MZZ-1	MG209TLF/2	2	45.00	100.956	28.473	19.00	3.000	4.750		
		9	40.00	123.00	36.000	19.00				
		3	40.00	109.00	30.000	23.00	7.000			
		9	40.00	108.00	36.000	19.00				
210MZZ-1		1	50.80	103.276	32.542	32.542				
210SZZ-2		2		101.092	27.000	27.00				

轴承型号 Bearing No.		型式 Type	外型尺寸 (mm) Exterior Dimensions						轴承型号 Bearing No.	
MRC*	BCA		d	D	W1	W2	R	E		Hoove
305SZZ-3	MG305DD	3	25.00	76.20	25.400	17.00	8.382	4.191	MG305-2RS-1	X421RS
305SZZ-7		3	25.00	76.352	24.765	26.00	9.042	1.524	MG206-2RS-3	
305SZZ-6	MG305DDA	3	25.40	74.60	25.400	17	8.380	4.200	MG305-2RS-2	
	MG305TLF	2	25.00	74.00	25.000	17	3.000			
	MG306DDB	3	30.00	82.55	26.975	19	1.016	4.775		
306SZZ-5	MG306DD	3	30.00	88.90	25.400	19.00	9.525	3.302	MG306-2RS-1	X555RS
307SZZ-9	MG307FFK	3	35.00	94.615	25.400	21.00	9.780	3.430		X549RS
307SZZ-14		3	35.00	101.346	28.575	21.00	9.525	4.547	MG307-2RS-S	
307MZZ-2	MG307FFE	8	35.00	101.346	28.575	21.00		4.547		
308SZZ-8		2	35.00	100.762	36.513	21.00	4.760	6.350		
	MG307FFB	1	35.00	100.092	31.750	21.00	1.524	6.020		
	MG307FF	3	35.00	101.346	28.575	21.00	1.524	4.900		
307SZZ-10	MG307FFH	3	35.00	101.346	28.575	21.00	9.525	4.550	MG307-2RS-1	X376RS
307SZZ-16		3	35.00	101.346	28.575	21.00	9.525	4.574		
307SZZ-18		3	35.00	101.346	28.575	21	6.985	4.574	MG307-2RS-4	
307MZZ-4	MG307FFA	3	35.00	101.60	28.575	21.00	9.779	4.800	MG307-2RS-3	
307SZZ-4	MG307FF4	3	35.00	101.60	30.160	21.00	9.525	4.547		
	MG307FFM	5	35.00	101.346	28.575	23.00	6.000	4.550		
	MG307FFp	5	35.00	101.333	28.450	23.00	7.000	4.550		
308SZZ-4		9	40.00	100.076	25.575	23.00				
308SZZ-5	MG308FFA	3	40.00	113.944	31.750	23.00	9.780	5.300	MG308-2RS-1	
308SZZ-6	MG308FFE	3	40.00	114.20	28.194	23.00	6.500	1.600		
	MG308FFH	3	40.00	101.60	28.575	23	6.600	5.000		
	MG308FFAD	2	40.00	110.70	31.000	23.00	6.000	5.000		
	MG308FFAB	5	40.00	108.60	31.000	23	6.000	5.000		
	MG308TLP	5	40.00	115.00	30.000	24.00	7.000			
	MG308TLSP3	3	40.00	101.346	28.575	21	9.525	3.810		
	MG308TLSP4	3	40.00	101.981	28.575	21.00	9.525	3.800		

SZD®

轴承类型 BEARINGS TYPE

导轨轴承 Guide Bearings

轴承代号 Bearing No		型式 Type	外型尺寸 Exterior Dimensions						轴尺寸 Shaft Size	
MRC*	BCA		d	D	W1	W2	R	E		Hoove
309SZZ-4	MG309DDA	3	45.00	127.06	31.750	25	7.938	3.380	MG309-2RS-1	X501RS
309SZZ-5		3	45.00	127.06	31.750	27.00	11.113	3.960	MG309-2RS-3	
309SZZ-9		3	45.00	127.06	31.750	25	8.179	3.632		
309ZZS-1		5	45.00	128.22	31.750	25.00		3.378	MG309-2RS-2	
	MG309XX1	5	45.00	114.00	35.000	25	8.000	5.000		
	MG309XX2	5	45.00	115.00	35.000	25.00	8.000	5.000		
	MG309DDA	5	45.00	128.22	31.750	25	7.938	3.380		
	MG309DDB	5	45.00	127.06	31.750	25.00	7.938	3.380		
	MG39-3	3	45.00	115.00	35.000	25	5.000	5.000		
	MG39-4	3	45.00	117.00	40.000	25.00	6.500	7.500		
	MG39-5	2	45.00	119.72	29.000	25	3.000			
	MG39-6	3	45.00	123.50	34.000	25.00	6.750	5.000		
311SZZ-1		3	55.00	152.48	38.100	29	11.113	4.496	MG311-2RS-1	
311SZZ-3		3	55.00	152.48	38.100	29.00	11.113	4.496		
311SZZ-2		3	55.00	164.29	38.100	29	11.113	4.496		
	MG311FFA	3	55.00	159.89	38.100	29.00	11.113	4.500		



轴承滚动体

BEARINGS' ROLLING PARTS

轴承用滚动体一般是指钢球、滚针、圆柱滚子。

Bearings' rolling parts include steel balls, cylindrical needles and cylindrical rollers.

■ 钢球:

材质——GCr15轴承钢制造；也可用不锈钢、碳钢制造。

代号——钢球公称直径+钢球等级+规值/分规值。

尺寸—— $\Phi 1.5\text{mm} \sim \Phi 80\text{mm}$ 。

■ Steel Balls

Material——Bearing Steel (GCr15), Stainless Steel or Carbon Steel

Code Number——Steel ball nominal diameter+ Steel ball grade+Gauge value

Dimension—— $\Phi 1.50\text{mm} \sim \Phi 80.00\text{mm}$

■ 滚针:

材质——GCr15轴承钢制造，也可用不锈钢制造。用轴承钢制造时HRC61~65

代号——针头部代号+滚针直径 $\times$ 长度+等级+规值。

尺寸—— $\Phi 1\text{mm} \sim \Phi 6\text{mm}$

■ Cylindrical Needle

Material——Bearing Steel (GCr15), or Stainless Steel. HRC61~65 required if bearing steel is applicable.

Code Number——Needle ends code number+ Needle diameter $\times$ length + Grade+ Gauge value.

Dimension—— $\Phi 1.00\text{mm} \sim \Phi 6.00\text{mm}$

■ 滚子:

材质——GCr15轴承钢制造 (HRC61~65)。

代号——直径 $\times$ 长度+等级+直径规值/长度规值。

尺寸—— $\Phi 3\text{mm} \sim \Phi 50\text{mm}$

■ Cylindrical Roller

Material——Bearing Steel (GCr15), HRC61-65

Code Number——(Diameter $\times$ length + Grade + Diameter gauge value/ Length gauge value)

Dimension—— $\Phi 3.00\text{mm} \sim \Phi 50.00\text{mm}$



轴承类型 BEARINGS TYPE

轴承滚动体 Bearings' Rolling Parts

钢球一般质量要求

Standard Quality Specification of Steel Balls

成品钢球硬度

Finished Steel Ball Hardness

球公称直径 Nominal ball diameter DW/mm		硬度Hardness HRC
Over	To	
—	30	61–66
30	50	59–64
50	—	58–64

球形状误差和表面粗糙度

Deviation from Spherical Form and Surface Roughness

Unit: μm

等级 Grade	球直径变动量 Variation ball diameter V_{DWS}/max	球形误差 Deviation from spherical form $\Delta\text{Sph}/\text{max}$	表面粗糙度 Surface roughness Ra/max
G3	0.08	0.08	0.010
G5	0.13	0.13	0.014
G10	0.25	0.25	0.020
G16	0.4	0.4	0.025
G20	0.5	0.5	0.032
G24	0.6	0.6	0.040
G28	0.7	0.7	0.050
G40	1	1	0.060
G60	1.5	1.5	0.080
G100	2.5	2.5	0.100
G200	5	5	0.150

球分选公差和规值

Ball Selection Tolerance and Gauge Allowance

Unit: μm

等级 Grade	批直径变动量 Variation of ball lot diameter V_{DWL}/max	规值间距 Gauge Interval	常用规值 Preferred Gauge	分规值间距 Subgauge Interval	分规值 Subgauge
G3	0.13	0.5	-5,...,-0.5,0,+0.5,...,+5	0.1	-0.2,-0.1,0,+0.1,+0.2
G5	0.25	1	-5,...,-1,0,+1,...,+5	0.2	-0.4,-0.2,0,+0.2,+0.4
G10	0.5	1	-9,...,-1,0,+1,...,+9	0.2	-0.4,-0.2,0,+0.2,+0.4
G16	0.8	2	-10,...,-2,0,+2,...,+10	0.4	-0.8,-0.4,0,+0.4,+0.8
G20	1	2	-10,...,-2,0,+2,...,+10	0.4	-0.8,-0.4,0,+0.4,+0.8
G24	1.2	2		0.4	
G28	1.4	2	-12,...,-2,0,+2,...,+12	0.4	-0.8,-0.4,0,+0.4,+0.8
G40	2	4	-16,...,-4,0,+4,...,+16	0.8	-1.6,-0.8,0,+0.8,+1.6
G60	3	5	-20,...,-5,0,+5,...,+20	1	-2,-1,0,+1,+2
G100	5	10	-40,...,-10,0,+10,...,+40	2	-4,-2,0,+2,+4
G200	10	15	-60,...,-15,0,+15,...,+60	3	-6,-3,0,+3,+6

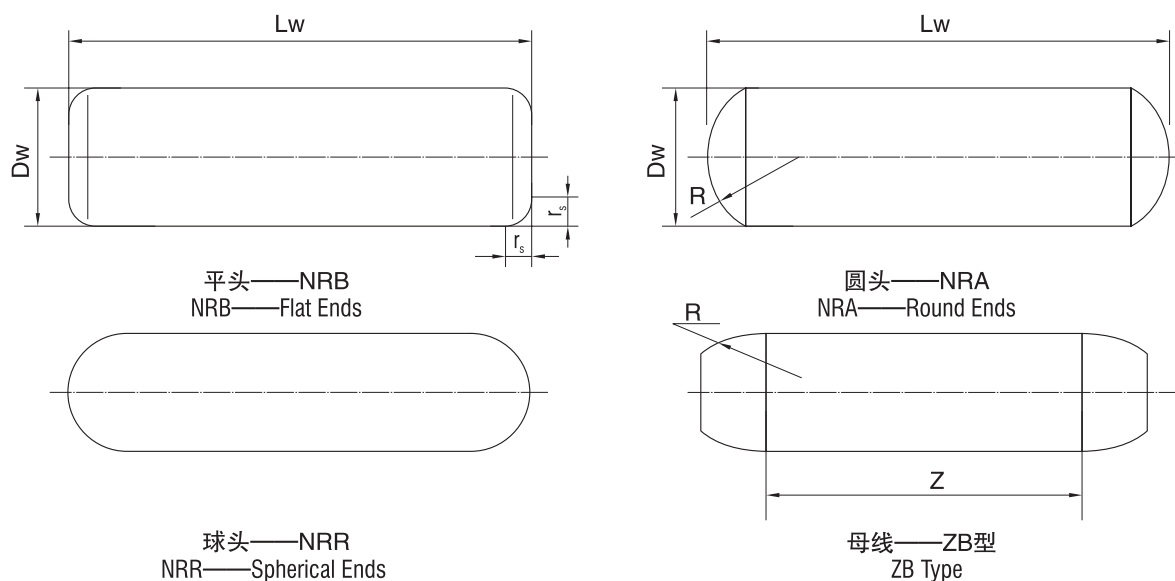
滚针一般质量要求

Standard Quality Specification of Cylindrical Needles

- 滚针中部直径不应该凹陷, 平均直径的偏差均为 $0 \sim -10 \mu$, 长度公差统一为 h13, 滚针表面粗糙度最大值为 Ra 0.2
 The needle central part diameter shouldn't be dented, average diameter deviation is $0 \sim -10 \mu$, length tolerance is h13, and Max value of surface roughness is Ra 0.2u.

- 滚针头部和母线形状

Needle ends and generatrix shape



- 规值, 批直径变动量, 优先规值和圆度误差

Gauge, VDWL, Preferential Gauges and Roundness Deviation

 Unit: μm

公差等级 Tolerance Grade	批直径变动量 VDWL max	滚针优先规值 (Dwmp 的上、下偏差) Preferential Gauges (Dwmp Deviation)											圆度误差 Roundness Deviation
2	2	上偏差 up	0	-1	-2	-3	-4	-5	-6	-7	-8	1	
		下偏差 down	-2	-3	-4	-5	-6	-7	-8	-9	-10		
3	3	上偏差 up	0	-1.5		-3		-4.5		-6		-7	1.5
		下偏差 down	-3	-4.5		-6		-7.5		-9		-10	
5	5	上偏差 up	0			-3			-5			2.5	
		下偏差 down	-5			-8			-10				

- 平头滚针倒角尺寸极限:

Limit Dimension of Flat End Needles Chamfer

 Unit: μm

Dw		倒角尺寸极限 Limit Dimension of Chamfer		
Over	To	Ysmin	Ysmax	
			径向 radial	轴向 axial
-	1	0.1	0.3	0.5
1	1.5	0.1	0.4	0.6
1.5	3	0.1	0.6	0.8
3	6	0.1	0.9	1

轴承类型 BEARINGS TYPE

轴承滚动体 Bearings' Rolling Parts

圆柱滚子一般质量要求
Standard Quality Specification of Cylindrical Rollers

直径和圆度
Diameter and Roundness

Unit: μm

公差等级 Tolerance Grade	Dw/mm		V _{DWL}	I _G Diameter Gauge Interval	常用规值 Standard Gauges			△Cir
	Over	To	max					max
0	—	18	1	1	—10,...,—1	0	+1,...,+5	0.3
	18	30						0.4
I	—	18	2	1	—10,...,—1	0	+1,...,+5	0.4
	18	30		1.5	—10.5,...,—1.5	0	+1.5,...,+6	0.5
II	—	18		1	—10,...,—1	0	+1,...,+5	0.5
	18	30	3	1.5	—19.5,...,—1.5	0	+1.5,...,+6	1
	30	—		2	—20,...,—2	0	+2,...,+6	1.5
III	—	18	4	1	—10,...,—1	0	+1,...,+5	1
	18	30		2	—20,...,—2	0	+2,...,+6	1.5
	30		5	3	—24,...,—3	0	+3,...,+6	2.5

长度和端面跳动
Length and End-face Run-out

Unit: μm

公差等级 Tolerance Grade	Lw/mm		V _{LWL}	I _{GL} Diameter Gauge Interval	常用规值 Standard Gauges	S _{DW}
	Over	To	max			max
0	—	26	6	6	—30,...,—6,0	3
	26	—				
I	—	26	10	6	—30,...,—6,0	5
	26	—		10	—40,...,—10,0	
II	—	26	12	6	—30,...,—6,0	6
	26	50		10	—40,...,—10,0	
	50	—		12	—48,...,—12,0	
III	—	26	20	8	—32,...,—6,0	10
	26	50		10	—40,...,—10,0	
	50			12	—48,...,—12,0	

表面粗糙度
Roughness

Unit: μm

公差等级 Tolerance Grade	滚动表面 (Ra) Roller surface	端面 (Ra) End face	倒角 (Ra) Chamfer
0	0.1	0.125	1.25
I	0.125	0.16	1.25
II	0.16	0.25	2.5
III	0.25	0.32	2.5

轴承用附件

BEARING ACCESSORIES

轴承用附件包括紧定套、退卸套、锁紧螺母、锁紧垫圈。

■ 紧定套：用H表示

紧定套一般成套供应，它含紧定封套、锁紧螺母、锁紧垫圈等部件组成。一般来讲紧定套只能整套的互换。

紧定套用于带圆锥孔的调心球轴承和调心滚子轴承，固定在无轴肩轴上。

■ 退卸套：用AH表示

退卸套一般单个供货，不配用锁紧螺母、锁紧垫圈。

退卸套用于规格较大的带圆锥孔调心球轴承、调心滚子轴承及双列圆柱滚子轴承需经常拆卸的地方，固定于轴的端部。

■ 锁紧螺母：用KM表示。

■ 锁紧垫圈：用MB表示。

■ 剖分式轴承座。

Bearing accessories include adapter sleeve, withdrawal sleeve, locknut and lock washer.

■ Adapter Sleeve: indicated by H.

The adapter sleeve is composed of adapter bush, locknut and lock washer. The adapter sleeve with locknut and lock washer is only replaced with whole set commonly.

Adapter sleeve is used for fixing taper bored self-aligning bearings (self-aligning ball bearings, self-aligning roller bearings) on the shaft without shoulder.

■ Withdrawal Sleeve: indicated by AH.

The withdrawal sleeves are normally supplied individually, not composed with locknut and lock washer.

Withdrawal sleeve is used for fixing large specifications taper bored bearings (self-aligning ball bearings, self-aligning roller bearings and double row cylindrical roller bearings) which needed to be frequently assembled and disassembled on the top of shaft.

■ Locknut: indicated by KM.

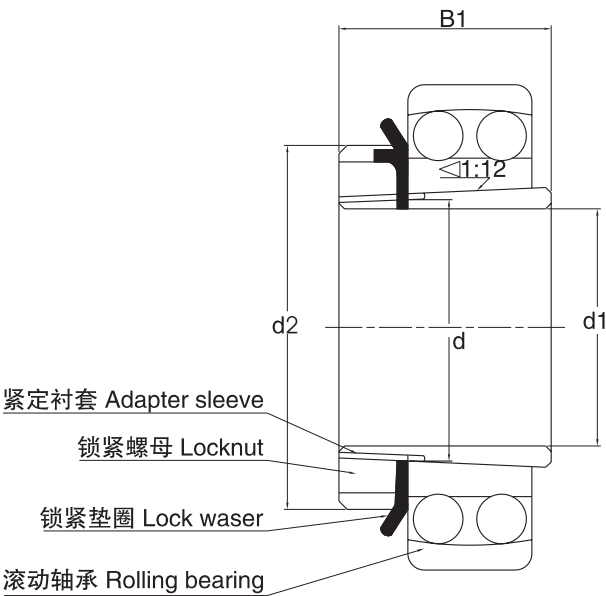
■ Lock washer: indicated by MB.

■ Dissectible Plummer Blocks



轴承类型
 BEARINGS TYPE

□ 紧定套
 Adapter Sleeve



H2 系列 H2 Series

型号 Type	基本尺寸(mm) Dimensions(mm)				配套轴承型号 Compatible Bearing	质量 Weight Kg
	d	d ₁	B ₁	d ₂	调心球轴承 Self-aligning Ball Bearing	
H204	20	17	24	32	1204k	0.041
H205	25	20	26	38	1205k	0.07
H206	30	25	27	45	1206k	0.099
H207	35	30	29	52	1207k	0.125
H208	40	35	31	58	1208k	0.174
H209	45	40	32	65	1209k	0.227
H200	50	45	35	70	1210k	0.274
H211	55	50	37	75	1211k	0.308
H212	60	55	38	80	1212k	0.346
H213	65	60	40	85	1213k	0.401
H214	70	60	41	92	1214k	0.55
H215	75	65	43	98	1215k	0.707
H216	80	70	46	105	1216k	0.882
H217	85	75	50	110	1217k	1.02
H218	90	80	52	120	1218k	1.19
H219	95	85	55	125	1219k	1.37
H220	100	90	58	130	1220k	1.49
H222	110	100	63	145	1222k	1.93

H3 系列 H3 Series

型号 Type	基本尺寸(mm) Dimensions(mm)				配套轴承型号 Compatible Bearing		质量 Weight Kg
	d	d ₁	B ₁	d ₂	调心球轴承 Self-aligning Ball Bearing	调心滚子轴承 Self-aligning Roller Bearing	
H304	20	17	28	32	1304k 2204k	21304k	0.045
H305	25	20	29	38	1305k 2205k	21305k	0.075
H306	30	25	31	45	1306k 2206k	21306k	0.109
H307	35	30	35	52	1307k 2207k	21307k	0.142
H308	40	35	36	58	1308k 2208k	21308k 22208k	0.189
H309	45	40	39	65	1309k 2209k	21309k 22209k	0.248
H310	50	45	42	70	1310k 2210k	21310k 22210k	0.303
H311	55	50	45	75	1311k 2211k	21311k 22211k	0.345
H312	60	55	47	80	1312k 2212k	21312k 22212k	0.394
H313	65	60	50	85	1313k 2213k	21313k 22213k	0.458
H314	70	60	52	92	1314k 2214k	21314k 22214k	0.723
H315	75	65	55	98	1315k 2215k	21315k 22215k	0.831
H316	80	70	59	105	1316k 2216k	21316k 22216k	1.03
H317	85	75	63	110	1317k 2217k	21317k 22217k	1.18
H318	90	80	65	120	1318k 2218k	21318k 22218k	1.37
H319	95	85	68	125	1319k 2219k	21319k 22219k	1.56
H320	100	90	71	130	1320k 2220k	21320k 22220k	1.69
H322	110	100	77	145	1322k 2222k	21322k 22222k	2.18

H30 系列 H30 Series

型号 Type	基本尺寸(mm) Dimensions(mm)				配套轴承型号 Compatible Bearing	质量 Weight Kg
	d	d ₁	B ₁	d ₂	调心滚子轴承 Self-aligning Roller Bearing	
H3024	120	110	72	145	23024k	1.93
H3026	130	115	80	155	23026k	2.85
H3028	140	125	82	165	23028k	3.16
H3030	150	135	87	180	23030k	3.89
H3032	160	140	93	190	23032k	5.21
H3034	170	150	101	200	23034k	5.99
H3036	180	160	109	210	23036k	6.83
H3038	190	170	112	220	23038k	7.45
H3040	200	180	120	240	23040k	9.19
H3044	220	200	126	260	23044k	10.3
H3048	240	220	133	290	23048k	13.2
H3052	260	240	145	310	23052k	15.3
H3056	280	260	152	330	23056k	17.7
H3060	300	280	168	360	23060k	22.8

轴承类型 BEARINGS TYPE

紧定套 Adapter Sleeve

型号 Type	基本尺寸(mm) Dimensions(mm)				配套轴承型号 Compatible Bearing	质量 Weight Kg
	d	d ₁	B ₁	d ₂	调心滚子轴承 Self-aligning Roller Bearing	
H3064	320	300	171	380	23064k	24.6
H3068	340	320	187	400	23068k	28.7
H3072	360	340	188	420	23072k	30.5
H3076	380	360	193	450	23076k	35.8
H3080	400	380	210	470	23080k	41.5
H3084	420	400	212	490	23084k	43.6
H3088	440	410	228	520	23088k	65.5
H3092	460	430	234	540	23092k	69.4
H3096	480	450	237	560	23096k	73.5
H30/500	500	470	247	580	230/500k	82.0

H31 系列 H31 Series

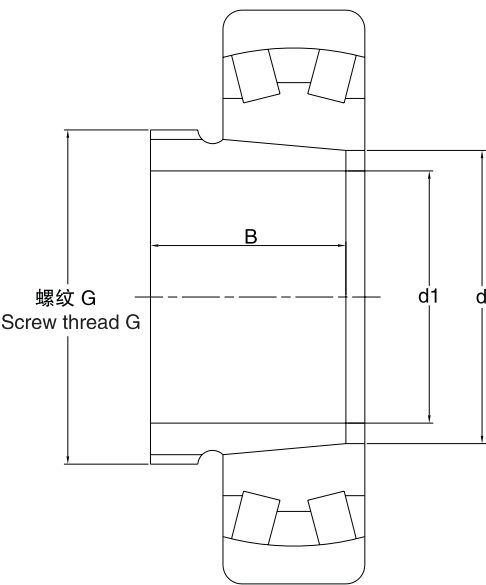
型号 Type	基本尺寸(mm) Dimensions(mm)				配套轴承型号 Compatible Bearing	质量 Weight Kg
	d	d ₁	B ₁	d ₂	调心滚子轴承 Self-aligning Roller Bearing	
H3120	100	90	76	130	23120k	1.70
H3122	110	100	81	145	23122k	2.25
H3124	120	110	88	155	23124k	2.64
H3126	130	115	92	165	23126k	3.66
H3128	140	125	97	180	23128k	4.34
H3130	150	135	111	195	23130k	5.52
H3132	160	140	119	210	23132k	7.67
H3134	170	150	122	220	23134k	8.38
H3136	180	160	131	230	23136k	9.5
H3138	190	170	140	240	23138k	10.8
H3140	200	180	151	250	23140k	12.1
H3144	220	200	160	280	23144k	14.7
H3148	240	220	172	300	23148k	17.3
H3152	260	240	190	330	23152k	22.0
H3156	280	260	195	350	23156k	24.5
H3160	300	280	208	380	23160k	30.2
H3164	320	300	226	400	23164k	34.9
H3168	340	320	254	440	23168k	49.5
H3172	360	340	259	460	23172k	54.5
H3176	380	360	264	490	23176k	61.6
H3180	400	380	272	520	23180k	70.8
H3184	420	400	304	540	23184k	84.5

H23 系列 H23 Series

型号 Type	基本尺寸(mm) Dimensions(mm)				配套轴承型号 Compatible Bearing		质量 Weight Kg
	d	d ₁	B ₁	d ₂	调心球轴承 Self-aligning Ball Bearing	调心滚子轴承 Self-aligning Roller Bearing	
H2304	20	17	31	32	2304k		0.049
H2305	25	20	35	38	2305k		0.087
H2306	30	25	38	45	2306k		0.126
H2307	35	30	43	52	2307k		0.165
H2308	40	35	46	58	2308k	22308k	0.224
H2309	45	40	50	65	2309k	22309k	0.280
H2310	50	45	55	70	2310k	22310k	0.362
H2311	55	50	59	75	2311k	22311k	0.420
H2312	60	55	62	80	2312k	22312k	0.481
H2313	65	60	65	85	2313k	22313k	0.557
H2314	70	60	68	92	2314k	22314k	0.897
H2315	75	65	73	98	2315k	22315k	1.05
H2316	80	70	78	105	2316k	22316k	1.28
H2317	85	75	82	110	2317k	22317k	1.45
H2318	90	80	86	120	2318k	22318k	1.69
H2319	95	85	90	125	2319k	22319k	1.92
H2320	100	90	97	130	2320k	22320k	2.15
H2322	110	100	105	145	2322k	22322k	2.74
H2324	120	110	112	155		22324k 23224k	3.19
H2326	130	115	121	165		22326k 23226k	4.6
H2328	140	125	131	180		22328k 21328k	5.55
H2330	150	135	139	195		22330k 23330k	6.62
H2332	160	140	147	210		22332k 23332k	9.14
H2334	170	150	154	220		22334k 23334k	10.2
H2336	180	160	161	230		22336k 23336k	11.3
H2338	190	170	169	240		22338k 23338k	12.6
H2340	200	180	176	250		22340k 23340k	13.9
H2344	220	200	186	280		22344k 23344k	16.7
H2348	240	220	199	300		22348k 23348k	19.7
H2352	260	240	211	330		22352k 23352k	24.2
H2356	280	260	224	350		22356k 23356k	27.8

轴承类型 BEARINGS TYPE

退卸套
Withdrawal Adapter



AH2 系列 AH2 Series

型号 Type	基本尺寸(mm) Dimensions(mm)				配套轴承型号 Compatible Bearing	质量 Weight Kg
	d	d _i	B _i	G	调心球轴承 Self-aligning Ball Bearing	
AH208	40	35	25	M45 × 1.5	1208K	0.094
AH209	45	40	26	M50 × 1.5	1209K	0.104
AH210	50	45	28	M55 × 2	1210K	0.130
AH211	55	50	29	M60 × 2	1211K	0.167
AH212	60	55	32	M65 × 2	1212K	0.175
AH213	65	60	32.5	M75 × 2	1213K	0.242
AH214	70	65	33.5	M80 × 2	1214K	0.255
AH215	75	70	34.5	M85 × 2	1215K	0.280
AH216	80	75	35.5	M90 × 2	1216K	0.306
AH217	85	80	38.5	M95 × 2	1217K	0.353
AH218	90	85	40	M100 × 2	1218K	0.427
AH219	95	90	43	M105 × 2	1219K	0.486
AH220	100	95	45	M110 × 2	1220K	0.525
AH222	110	105	50	M120 × 2	1222K	0.647
AH224	120	115	53	M30 × 2		0.755
AH226	130	125	53	M140 × 2		0.815
AH228	140	135	56	M150 × 2		1.00
AH230	150	145	60	M160 × 3		1.16
AH232	160	150	64	M170 × 3		1.91
AH234	170	160	69	M180 × 3		2.21
AH236	180	170	69	M190 × 3		2.34

型号 Type	基本尺寸(mm) Dimensions(mm)				配套轴承型号 Compatible Bearing	质量 Weight Kg
	d	d _i	B _i	G	调心滚子轴承 Self-aligning Roller Bearing	
AH238	190	180	73	T205 × 4		2.94
AH240	200	190	77	T215 × 4		3.12
AH244	220	200	85	T235 × 4		6.10
AH248	240	220	96	T260 × 4		8.16
AH252	260	240	105	T280 × 4		9.89
Ah256	280	260	105	T300 × 4		10.4

AH3 系列 AH3 Series

型号 Type	基本尺寸(mm) Dimensions(mm)				配套轴承型号 Compatible Bearing		质量 Weight Kg
	d	d _i	B _i	G	调心球轴承 Self-aligning Ball Bearing	调心滚子轴承 Self-aligning Roller Bearing	
AH308	40	35	29	M45 × 1.5	2208k.1308k	22208k、21308k	0.09
AH309	45	40	31	M50 × 1.5	2209k.1309k	22209k、21309k	0.109
AH310	50	45	35	M55 × 2	2210k.1310k	22210k、21310k	0.137
AH311	55	50	37	M60 × 2	2211k.1311k	22211k、21311k	0.161
AH312	60	55	40	M65 × 2	2212k、1312k	22212k、21312k	0.189
AH313	65	60	42	M70 × 2	2213k、1313k	22213k、21313k	0.253
AH314	70	65	43	M80 × 2	2214k、1314k	22214k、21314k	0.280
AH315	75	70	45	M85 × 2	2215k、1315k	22215k、21315k	0.313
AH316	80	75	48	M90 × 2	2216k、1316k	22216k、21316k	0.365
AH317	85	80	52	M95 × 2	2217k、1317k	22217k、21317k	0.429
AH318	90	85	53	M100 × 2	2218k、1318k	22218k、21318k	0.461
AH319	95	90	57	M105 × 2	2219k、1319k	22219k、21319k	0.532
AH320	100	95	59	M110 × 2	2220k、1320k	22220k、21320k	0.582
AH322	110	105	63	M120 × 2	1322k	21322k	0.663
AH324	120	115	69	M130 × 2			0.875
AH326	130	125	74	M140 × 2			1.03
AH328	140	135	77	M150 × 2			1.15
AH330	150	145	83	M165 × 3			1.55
AH332	160	150	88	M180 × 3			2.73
Ah334	170	160	93	M190 × 3			3.19

轴承类型 BEARINGS TYPE

退卸套 Withdrawal Adapter

AH22 系列 AH22 Series

型号 Type	基本尺寸(mm) Dimensions(mm)				配套轴承型号 Compatible Bearing	质量 Weight Kg
	d	d ₁	B ₁	G	调心滚子轴承 Self-aligning Roller Bearing	
AH2236	180	170	105	M200 × 3	22236k	3.73
AH2238	190	180	112	T210 × 4	22238k	4.25
AH2240	200	190	118	T220 × 4	22240k	4.68
AH2244	220	200	130	T240 × 4	22244k	9.10
AH2248	240	220	144	T260 × 4	22248k	11.1
AH2252	260	240	155	T290 × 4	22252k	14.0
AH2256	280	260	155	T310 × 5	22256k	15.2
AH2260	300	280	170	T330 × 5	22260k	18.1
Ah2264	320	300	180	T350 × 5	22264k	20.2

AH31 系列 AH31 Series

型号 Type	基本尺寸(mm) Dimensions(mm)				配套轴承型号 Compatible Bearing		质量 Weight Kg
	d	d ₁	d ₂	G	调心滚子轴承 Self-aligning Roller Bearing		
AH3120	100	95	64	M110 × 2	23120k	22220k	0.65
AH3122	110	105	68	M120 × 2	23122k	22222k	0.76
AH3124	120	115	75	M130 × 2	23124k	22224k	0.95
AH3126	130	125	78	M140 × 2	23126k	22226k	1.08
AH3128	140	135	83	M150 × 2	23128k	22228k	1.28
AH3130	150	145	96	M165 × 3	23130k	22230k	1.79
AH3132	160	150	103	M180 × 3	23132k	22232k	3.20
AH3134	170	160	104	M190 × 3	23134k	22234k	3.50
AH3136	180	170	116	M200 × 3	23136k		4.20
AH3138	190	180	125	M210 × 4	23138k		4.90
AH3140	200	190	134	M220 × 4	23140k		5.60
AH3144	220	200	145	M240 × 4	23144k		10.4
AH3148	240	220	154	M260 × 4	23148k		12.1
AH3152	260	240	172	M290 × 4	23152k		16.2
AH3156	280	260	175	M310 × 5	23156k		17.6
AH3160	300	280	192	M330 × 5	23160k		21.0
AH3164	320	300	209	M350 × 5	23164k		24.7
AH3168	340	320	225	M370 × 5	23168k		29.0
AH3172	360	340	229	M400 × 5	23172k		33.1
AH3176	380	360	232	M420 × 5	23176k		35.8
AH3180	400	380	240	M440 × 5	23180k		39.6
AH3184	420	400	260	M460 × 5	23184k		46.8

型号 Type	基本尺寸(mm) Dimensions(mm)				配套轴承型号 Compatible Bearing		质量 Weight Kg
	d	d ₁	d ₂	G	调心滚子轴承 Self-aligning Roller Bearing		
AH3188	440	420	270	M480 × 5	23188k		50.2
AH3192	460	440	285	M510 × 6	23192k		57.8
AH3196	480	460	295	M530 × 6	23196k		63.5
AH31/500	500	480	313	M550 × 6	231/500k		70.8

AH32 系列 AH32 Series

型号 Type	基本尺寸(mm) Dimensions(mm)				配套轴承型号 Compatible Bearing	质量 Weight Kg
	d	d _i	B _i	G	调心滚子轴承 Self-aligning Roller Bearing	
AH3218	90	85	63	M100×2	23218k	0.576
AH3219	95	90	67	M105×2	23219k	0.672
AH3220	100	95	73	M110×2	23220k	0.767
Ah3222	110	105	82	M125×2	23222k	1.04
AH3224	120	115	90	M135×2	23224k	1.30
AH3226	130	125	98	M145×2	23226k	1.60
AH3228	140	135	104	M155×3	23228k	1.90
AH3230	150	145	114	M165×3	23230k	2.30
AH3232	160	150	124	M180×3	23232k	4.09
AH3234	170	160	134	M190×3	23234k	4.81
AH3236	180	170	140	M200×3	23236k	5.31
AH3238	190	180	145	T210×4	23238k	5.90
AH3240	200	190	153	T220×4	23240k	6.67
AH3260	300	280	228	T330×5	23260k	26.0
AH3264	320	300	246	T350×5	23264k	30.6
AH3268	340	320	264	T370×5	23268k	35.8
AH3272	360	340	274	T400×5	23272k	41.6
AH3276	380	360	284	T420×5	23276k	46.3
AH3280	400	380	302	T440×5	23280k	52.5
AH3284	420	400	321	T460×5	23284k	59.7
AH3288	440	420	330	T480×5	23288k	64.8
AH3292	460	440	349	T510×6	23292k	75.2
AH3296	480	460	364	T530×6	23296k	83.1
AH32/500	500	480	393	T550×6	232/500k	94.7

轴承类型 BEARINGS TYPE

退卸套 Withdrawal Adapter

AH23 系列 AH23 Series

型号 Type	基本尺寸(mm) Dimensions(mm)				配套轴承型号 Compatible Bearing		质量 Weight Kg
	d	d _i	B _i	G	调心球轴承 Self-aligning Ball Bearing	调心滚子轴承 Self-aligning Roller Bearing	
AH2308	40	35	40	M45 × 1.5	2308k	22308k	0.128
AH2309	45	40	44	M50 × 1.5	2309k	22309k	0.164
AH2310	50	45	50	M55 × 2	2310k	22310k	0.209
AH2311	55	50	54	M60 × 2	2311k	22311k	0.253
AH2312	60	55	58	M65 × 2	2312k	22312k	0.297
AH2313	65	60	61	M75 × 2	2313k	22313k	0.395
AH2314	70	65	64	M80 × 2	2314k	22314k	0.466
AH2315	75	70	68	M85 × 2	2315k	22315k	0.534
AH2316	80	75	71	M90 × 2	2316k	22316k	0.597
AH2317	85	80	74	M95 × 2	2317k	22317k	0.670
AH2318	90	85	79	M100 × 2	2318k	22318k	0.779
Ah2319	95	90	85	M105 × 2	2319k	22319k	0.886
AH2320	100	95	90	M110 × 2	2320k	22320k	0.948
AH2322	110	105	98	M125 × 2	2322k	22322k	1.35
AH2324	120	115	105	M135 × 2		22324k	1.6
AH2326	130	125	115	M145 × 2		22326k	2.00
AH2328	140	135	125	M155 × 3		22328k	2.33
AH2330	150	145	135	M165 × 3		22330k	2.80
AH2332	160	150	140	M180 × 3		22332k	4.72
AH2334	170	160	146	M190 × 3		22334k	5.30
AH2336	180	170	154	M200 × 3		22336k	5.90
AH2338	190	180	160	T210 × 4		22338k	6.50
AH2340	200	190	170	T220 × 4		22340k	7.50
AH2344	220	200	181	T240 × 4		22344k 23244k	13.4
AH2348	240	220	189	T260 × 4		22348k 23248k	15.5
AH2352	260	240	215	T290 × 4		22352k 23252k	20.0
Ah2356	280	260	212	T310 × 5		22356k 23256k	21.5

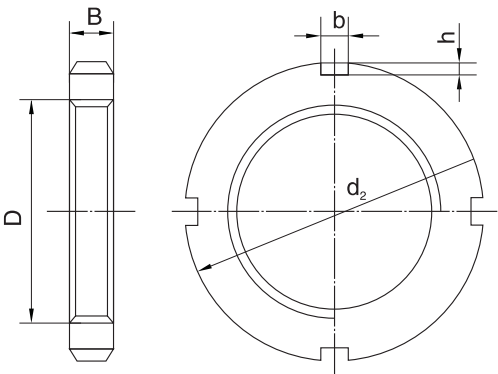
AH30 系列 AH30 Series

型号 Type	基本尺寸(mm) Dimensions(mm)				配套轴承型号 Compatible Bearing	质量 Weight Kg
	d	d _i	B _i	G	调心滚子轴承 Self-aligning Roller Bearing	
AH3024	120	115	60	M130 × 2	23024k	0.75
AH3026	130	125	67	M140 × 2	23026k	0.93
AH3028	140	135	68	M150 × 2	23028k	1.01
AH3030	150	145	72	M160 × 3	23030k	1.15
AH3032	160	150	77	M170 × 3	23032k	2.10
AH3034	170	160	85	M180 × 3	23034k	2.50
AH3036	180	170	92	M190 × 3	23036k	2.90
AH3038	190	180	96	T205 × 4	23038k	3.40
AH3040	200	190	102	T215 × 4	23040k	3.80
AH3044	220	200	111	T235 × 4	23044k	7.40
AH3048	240	220	116	T260 × 4	23048k	8.80
AH3052	260	240	128	T280 × 4	23052k	10.70
AH3056	280	260	131	T300 × 4	23056k	12.00
AH3060	300	280	145	T320 × 5	23060k	14.40
AH3064	320	300	149	T345 × 5	23064k	16.00
Ah3068	340	320	162	T365 × 5	23068k	19.50
AH3072	360	340	167	T385 × 5	23072k	21.00
AH3076	380	360	170	T410 × 5	23076k	23.50
AH3080	400	380	183	T430 × 5	23080k	27.30
AH3084	420	400	186	T450 × 5	23084k	29.00
AH3088	440	420	194	T470 × 5	23088k	32.00
AH3092	460	440	202	T490 × 5	23092k	35.20
AH3096	480	460	205	T520 × 6	23096k	39.20
AH30/500	500	480	209	T540 × 6	230/500k	42.50

轴承类型 BEARINGS TYPE

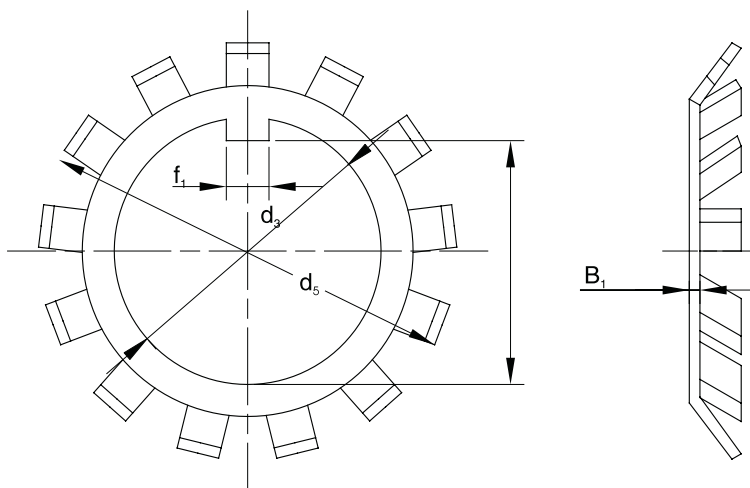
退卸套 Withdrawal Adapter

□ 锁紧螺母
Locknuts



型号 Type	外型尺寸 Dimensions mm					质量 Weight Kg
	螺纹D Thread D	d ₂	B	b	h	
KM00	M10 × 0.75	18	4	3	2	0.005
KM01	M12 × 1	22	4	3	2	0.007
KM02	M15 × 1	25	5	4	2	0.010
KM03	M17 × 1	28	5	4	2	0.013
KM04	M20 × 1	32	6	4	2	0.019
KM05	M25 × 1.5	38	7	5	2	0.025
KM06	M30 × 1.5	45	7	5	2	0.043
KM07	M35 × 1.5	52	8	5	2	0.053
KM08	M40 × 1.5	58	9	6	2.5	0.085
KM09	M45 × 1.5	65	10	6	2.5	0.119
KM10	M50 × 1.5	70	11	6	2.5	0.148
KM11	M55 × 2	75	11	7	3	0.158
KM12	M60 × 2	80	11	7	3	0.174
KM13	M65 × 2	85	12	7	3	0.203
KM14	M70 × 2	92	12	8	3.5	0.242
KM15	M75 × 2	98	13	8	3.5	0.287
KM16	M80 × 2	105	15	8	3.5	0.397
KM17	M85 × 2	110	16	8	3.5	0.451
KM18	M90 × 2	120	16	10	4	0.556
KM19	M95 × 2	125	17	10	4	0.658
KM20	M100 × 2	130	18	12	4	0.698
KM21	M105 × 2	140	18	12	5	0.845
KM22	M110 × 2	145	19	12	5	0.965
KM23	M115 × 2	150	19	12	5	1.01
KM24	M120 × 2	155	20	12	5	1.08
KM25	M125 × 2	160	21	12	5	1.19

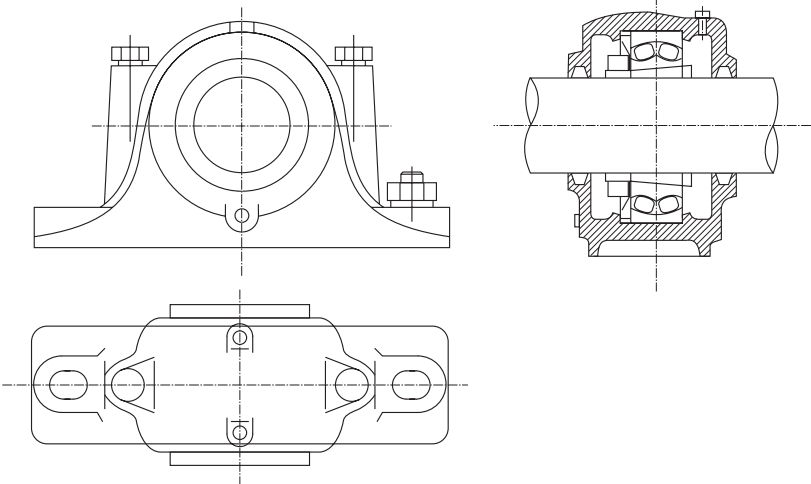
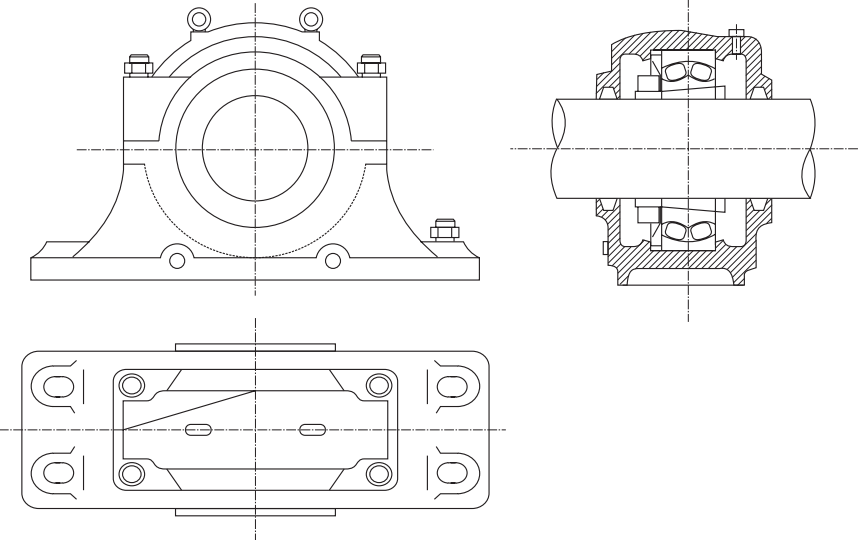
□ 锁紧垫圈
Lockwashers



型号 Type	外型尺寸 Dimensions mm					质量 Weight Kg
	d ₃	d ₅	M	f ₁	B ₁	
MB00	10	21	8.5	3	1	0.131
MB01	12	25	10.5	3	1	0.192
MB02	15	28	13.5	4	1	0.253
MB03	17	32	15.5	4	1	0.313
MB04	20	36	18.5	4	1	0.350
MB05	25	42	23.0	5	1.25	0.640
MB06	30	49	27.5	5	1.25	0.780
MB07	35	57	32.5	5	1.25	1.040
MB08	40	62	37.5	6	1.25	1.230
MB09	45	69	42.5	6	1.25	1.520
MB10	50	74	47.5	6	1.25	1.600
MB11	55	81	52.5	7	1.5	1.960
MB12	60	86	57.5	7	1.5	2.530
MB13	65	92	62.5	7	1.5	2.900
MB14	70	98	66.5	8	1.5	3.340
MB15	75	104	71.5	8	1.5	3.560
MB16	80	112	76.5	8	1.8	4.640
MB17	85	119	81.5	8	1.8	5.240
MB18	90	126	86.5	10	1.8	6.230
MB19	95	133	91.5	10	1.8	6.700
MB20	100	142	96.5	12	1.8	7.650
MB21	105	145	100.5	12	1.8	8.260
MB22	110	154	105.5	12	1.8	9.400
Mb23	115	159	110.5	12	2	10.80

轴承类型 BEARINGS TYPE

剖分式轴承座
Dissectible Plummer Blocks

轴承座代号 Housing No .	轴径范围 Shaft Dia. Range	简图及说明 Diagram and Description
SN200 SN300 SN500 SN600 Series	20–160mm	标准立式座：带二个螺柱、二个定位孔；可带加油孔和排油孔，轴径100mm以上可带吊环，便于安装。  Standard vertical housing: with 2 double-ended bolts, 2 location holes; oil filling and draining holes are optional; eyebolts are optional on housing with shaft dia. over 100mm, which are easy for assembling.
SD500 SD600 SD3000 SD3100 Series	170–560mm	大型立式座：带四个螺柱、四个定位孔；带加油孔和排油孔，带二个吊环，便于安装。  Large vertical housing: with 4 double-ended bolts, 4 location holes; with oil filling and draining holes; with 2 eyebolts which are easy for assembling.