



WXING[®] BEARING

www.wxinggroup.com/www.wxingbearing.com



WXING[®]

Zhejiang waxing electromechanical co.LTD.

WhatsApp/Tel: 86-15857360499

Wechat: 18057338723

Email: sales@wxingbearing.com

Address: Room 501/517 Building 2 Hualong Square Nanhu Area
Jiaxing City Zhejiang Province China. 314052



Automatic Hook
Road grinder



Assembly Workshop



Semi-automatic
Surface Grinder



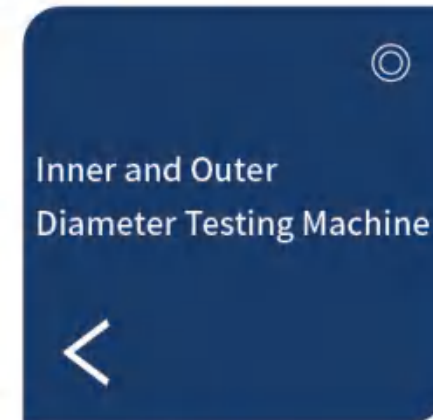
Cage Workshop



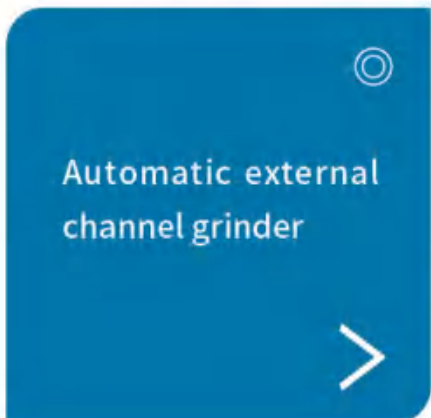
Automatic bearing
assembly line



Warehouse



Sample room



Automatic external
channel grinder



Automatic Ultrasonic
Cleaning Sideline





DRAWING CUSTOMIZATION

WXING has a professional product design and technical team. Bearings can be customized according to customer drawings. We focus on customer needs and ensure that the design meets customer expectations.



MANUFACTURE

In order to present our design and solutions perfectly, we have professional production technology and advanced manufacturing equipment to meet the quality needs of our customers.



TEST

Strict monitoring is the guarantee of product quality. Our purpose is not to let quality problems damage tgcg's brand. WXING will never let an unqualified product leave the factory. We believe that it is not only responsible for customers, but also responsible for ourselves.



OPERATE

In order to ensure that WXING products can maintain efficient operation in automation projects, our salesperson has always maintained close contact with customers and provides patient and professional answers to customers' problems.

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COMPANY PROFILE

Zhejiang waxing electromechanical co.LTD.Factory located in Shandong Headquarters located in Zhejiang,China.

We are manufacturer of Bearing various series of high-speed, low-noise, long-life bearings.

Our specializes in manufacturing various types of bearing.Main category:deep groove ball bearings,cylindrical roller bearings,tapered roller bearings,angular contact bearings,thrust ball bearings,thrust roller bearings,joint bearings,needle bearings,non-standard bearings,outer spherical bearings.motor bearings,agricultural machinery bearings,etc:imported bearing brands as well,Whether it is automobiles,ships,agricultural machinery,rolling stock,electrical mills.metallurgy.steel plants.cement plants.textile appliances.paper machinery,engineering, machinery,mining machinery,petrochemical and other industries,Our products have won the favor of many customers at home and abroad with the enterprise vision of "sticking to the quality technology as the core and striving to be the leader in the bearing industry".

We have always explored and striving to build the Chinese dream with bearing industry.



COMPANY CERTIFICATION

WXING from controlled atmosphere spheroidizing annealing, turning process, controlled atmosphere salt-bath quenching, grinding process, as well as high precision production; it has three major experimental centers for material analysis, physical and chemical experiments, and precision measurement; it strictly implements the internationally recognized IAF ISO9001:2015 and GB/T 19001-2016 quality management system; it adopts online detection and SPC process control system, and monitors and tracks the actual products throughout the process.

Our products are widely recognized and trusted by users and can meet continuously changing economic and social needs.

We welcome new and old customers from all walks of life to contact us for future business relationships and mutual success!



GROWING-UP

With the enterprise vision of "sticking to the quality technology as the core and striving to be the leader in the bearing industry",WXING bearing takes the development path of paying equal attention to technology and service and devotes itself to creating the service concept of "Customer first"with the standardized service process.

In recent years,WXING bearings have been recognized by domestic and foreign customers. These efforts fulfills our determination and ambition of surpassing our competitors.



2023

WXING bearing is sold to more than 126 countries. The Annual sales is more than USD10 million.

Jack Lee set up his own company Jiaxing WXING Bearing Co.Ltd.

They started to study the production of bearing

They built a new workshop which covered an area of 25000 square meter

Which was the 3rd Factory in their town Linqing

1995

Jack Lee's father and some members of their family set up a small family factory.

2000

Through the continuous efforts of Jack Lee's family,the first company-Linqing Shengli Factory was funded by his father.

2005

Introduced the latest equipment to develop new models. They used the imported production technology and quality standards,the advanced manufacturing technology and modern management means

2010

He wanted to change the way of thinking,wanted to keep up the Times,wanted to go out of China to the World.He began to study the business of Importation and Exportation of bearing.

MAIN PRODUCT



Deep groove ball bearing



Cylindrical roller bearing



Spherical ball bearing



Spherical roller bearing



Angular contact bearing



Tapered roller bearing



Thrust ball bearing



Spherical thrust roller bearing



Needle roller bearing



Forklift bearing



Excavator Bearing



Auto bearing



Rod end bearing



Universal bearing



Wheel hub bearing



Linear bearing



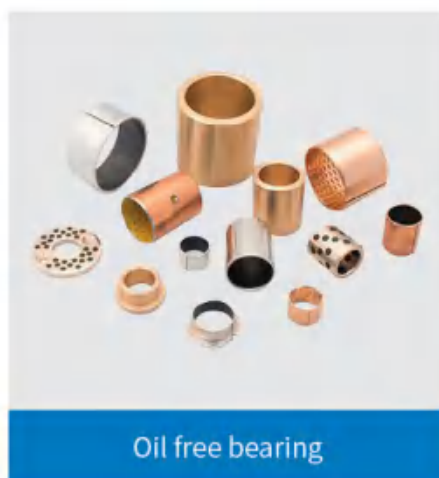
Ball screw



Eccentric bearing



Joint bearing



Oil free bearing



Rubber coated bearing



Pillow block bearing



Plummer block housings



Adapter sleeve



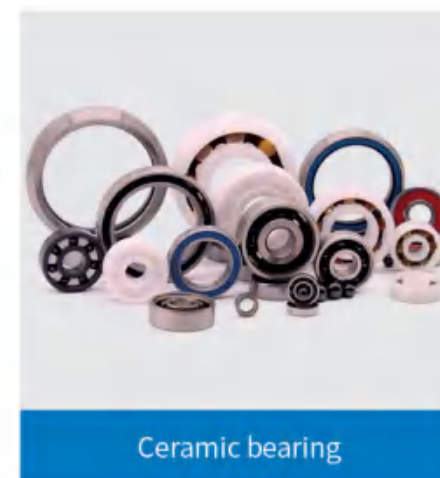
Composite roller bearing



Roller bearing



Thin wall bearing



Ceramic bearing



Insulated Bearing



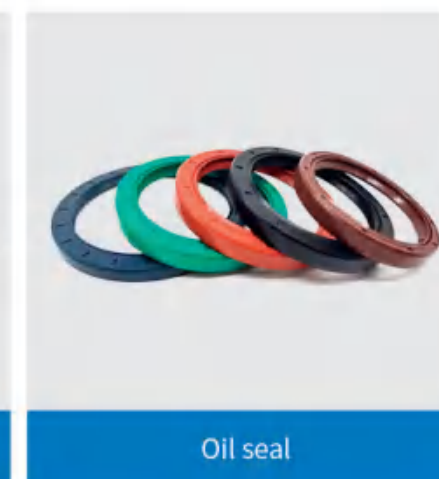
Slewing bearing



Rolling mill bearing



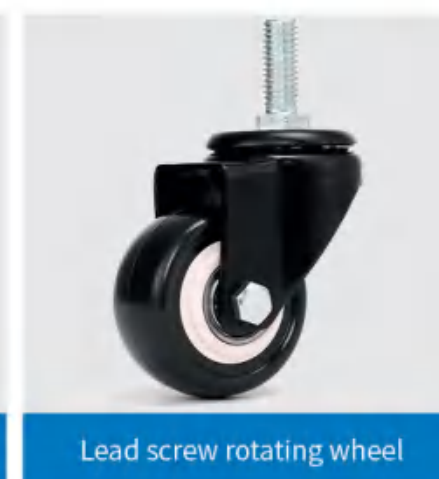
Insert Ball Bearing



Oil seal



Nylon wheel rotating with brake



Lead screw rotating wheel



Plastic core PU wheel

DEEP GROOVE BALL BEARINGS



OPEN type without seal: good idling effect, high speed, low friction resistance.

2RS plastic cover seal: dustproof, anti-liquid foreign body, good mute effect, suitable for various harsh environments.

ZZ iron cover seal: small friction resistance, high speed, wide application, fast heat dissipation.



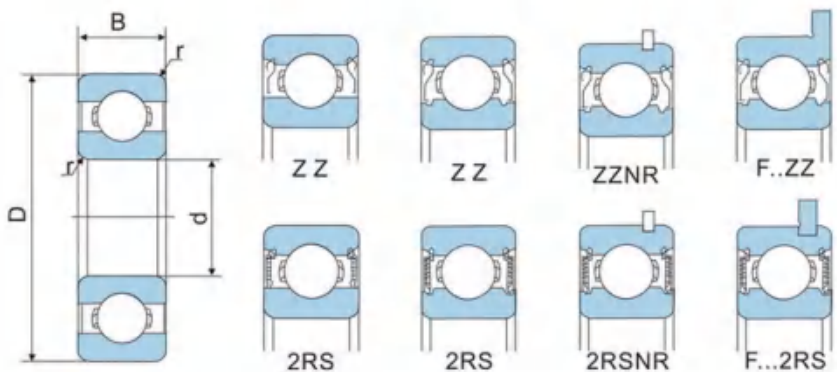
OPEN



RS



ZZ



Item No.	Bore diameter	Outer diameter	Width	Chamfer rsmir	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D(mm)	B(mm)	mm	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
6403	17	62	17	1.1	17.45	11.8	13500	15800	0.258
6404	20	72	19	1.1	23.8	16.75	12000	13500	0.380
6405	25	80	21	1.5	29.42	21.33	10000	11900	0.518
6406	30	90	23	1.5	35.88	26.78	8500	9980	0.735
6407	35	100	25	1.5	42.78	32.55	7600	8800	0.938
6408	40	110	27	2.0	50.32	35.88	6800	8100	1.210
6409	45	120	29	2.0	70.85	53.20	6100	7200	1.48
6410	50	130	31	2.1	92	55	5300	6300	1.85
6411	55	140	33	2.1	100	62	4800	6000	2.31
6412	60	150	35	2.1	109	70	4500	5600	2.78
6413	65	160	37	2.1	118	78.5	4300	5300	3.25
6414	70	180	42	3.0	143	103	3800	4500	4.73
6415	75	190	45	3.0	153	114	3600	4300	5.57
6416	80	200	48	3.0	164	125	3400	4000	6.63
6417	85	210	52	4	165	136.0	3200	3800	8.12
6418	90	225	54	4	183	150	3000	3600	9.470
6419	95	240	55	4	186	153	2800	3400	13.4
6420	100	250	58	4	202	1720	2400	3200	14.800

Item No.	Bore diameter	Outer diameter	Width	Chamfer r/min	Basic rated load/KN		Limit speed R/min		Weight
	I.D(mm)	O.D(mm)	B (mm)	mm	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
6303	17	47	14	1.0	13.5	6.55	12000	17000	0.115
6304	20	52	15	1.1	15.9	7.9	11000	15000	0.144
6305	25	62	17	1.1	21.2	10.9	10000	13000	0.2193
6306	30	72	19	1.1	26.7	15	8000	10000	0.3498
6307	35	80	21	1.5	33.5	19.1	6800	8000	0.4542
6308	40	90	23	1.5	40.5	24	5800	7200	0.6394
6309	45	100	25	1.5	53	32	5000	6200	0.8363
6310	50	110	27	2.0	62	38	4400	5500	1.07
6311	55	120	29	2.0	71.5	45	4200	5300	1.39
6312	60	130	31	2.1	82	48.5	4000	5100	1.71
6313	65	140	33	2.1	92.5	59.5	3900	5000	2.1
6314	70	150	35	2.1	104	68	3800	4800	2.55
6315	75	160	37	2.1	113	116	3600	5600	3.1
6316	80	170	39	2.1	119	86.5	3500	4500	3.64
6317	85	180	41	3	102	96.5	3400	4500	4.33
6200	10	30	9	0.6	5.1	2.39	19000	26000	0.032
6201	12	32	10	0.6	6.1	2.75	18000	24000	0.037
6202	15	35	11	0.6	7.75	3.6	17000	22000	0.045
6203	17	40	12	0.6	9.6	4.6	16000	20000	0.066
6204	20	47	14	1.0	12.8	6.65	14000	18000	0.106
6205	25	52	15	1.0	14	7.85	12000	16000	0.128
6206	30	62	16	1.0	19.5	11.3	10000	13000	0.199
6207	35	72	17	1.1	25.7	15.3	8800	10000	0.287
6208	40	80	18	1.1	29.1	17.8	7700	9200	0.367
6209	45	85	19	1.1	32.5	20.4	6800	8200	0.416
6210	50	90	20	1.1	35	23.2	6100	7300	0.462
6211	55	100	21	1.5	46.2	29.2	6400	7600	0.606
6212	60	110	22	1.5	53	33.0	5600	7100	0.793
6213	65	120	23	1.5	56	41	5300	6300	0.973
6214	70	125	24	1.5	60.5	46	5000	6000	1.34
6215	75	130	25	1.5	66	50.0	4800	5600	1.160
6216	80	140	26	2	71.5	54.5	4500	5300	1.430
6217	85	150	28	2	83	64.0	4300	5000	1.8
6218	90	160	30	2	95.5	72	3800	4500	2.19
6219	95	170	32	2.1	108.0	81.5	3600	4300	2.610

Item No.	Bore diameter	Outer diameter	Width	Chamfer r/min	Basic rated load/KN		Limit speed R/min		Weight
	I.D(mm)	O.D(mm)	B(mm)	mm	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
604	4	12	4	0.2	0.97	0.36	43000	51000	0.002
605	5	14	5	0.2	1.33	0.505	39000	46000	0.0035
606	6	17	6	0.3	2.19	0.865	30000	38000	0.006
607	7	19	6	0.3	2.24	0.91	28000	36000	0.008
608	8	22	7	0.3	3.35	1.4	26000	34000	0.012
609	9	24	7	0.3	3.4	1.45	22000	30000	0.014
6000	10	26	8	0.3	4.55	1.96	20000	28000	0.019
6001	12	28	8	0.3	5.1	2.39	19000	26000	0.021
6002	15	32	9	0.3	5.6	2.84	18000	24000	0.03
6003	17	35	10	0.3	6.8	3.35	17000	22000	0.039
6004	20	42	12	0.6	9.4	5.05	15000	19000	0.069
6005	25	47	12	0.6	10.1	5.85	13000	17000	0.08
6006	30	55	13	1.0	13.2	8.3	12000	15000	0.116
6007	35	62	14	1.0	16	10.3	10000	13000	0.155
6008	40	68	15	1.0	16.8	11.5	8500	11000	0.185
6009	45	75	16	1.0	21	15.1	7200	9000	0.231
6010	50	80	16	1.0	21.8	16.6	6400	7800	0.25
6011	55	90	18	1.1	29.6	21.2	6300	8000	0.362
6012	60	95	18	1.1	30	22.8	6200	7500	0.385
6013	65	100	18	1.1	32	24.3	5800	7000	0.410
6014	70	110	20	1.1	37.6	30.4	5500	6800	0.575
6015	75	115	20	1.1	38.8	33.0	5000	6500	0.610
6016	80	125	22	1.1	46.8	40.0	4800	6200	0.830
6017	85	130	22	1.1	47.5	40.0	4500	6000	0.865
6018	90	140	24	1.5	58.5	58.8	3700	4600	1.12
6019	95	145	24	1.5	66.5	62.0	3300	4250	1.180
6020	100	150	24	1.5	72.0	70.0	3150	4000	1.20

SPHERICAL BALL BEARINGS

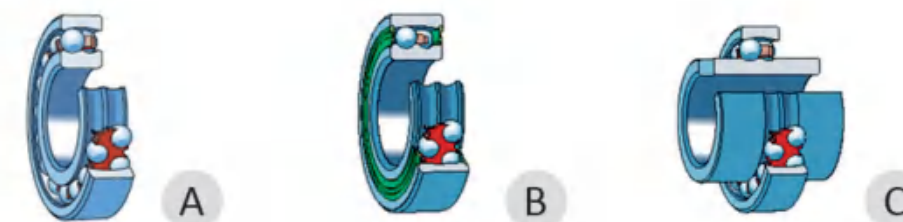


The Spherical ball bearing has two structures:

A cylindrical hole and a conical hollow. The characteristic is that the outer ring raceway is spherical and has self-aligning property, which can compensate for the error caused by the different heart and shaft deflection to make the spherical ball bearing, but the inner and outer rings can not read more than 3 degrees.

The conical inner bore has a taper of 1:12 or 1:30. To enhance the lubrication of the bearing, an annular oil groove and three oil holes are machined on the outer ring of the bearing.

WXING Professional bearings are trusted.



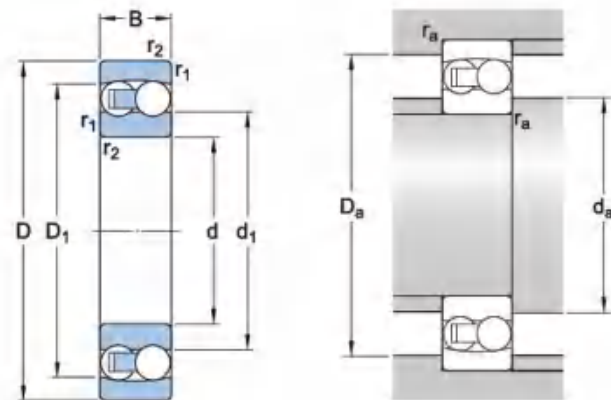
Spherical ball bearings have two rows of balls with a common concave spherical raceway on the outer ring. The bearing is therefore self-aligning and is not affected by misalignment of the shaft relative to the bearing housing. It is especially suitable for bearing applications where considerable shaft deflection or misalignment may occur.

In addition, spherical ball bearings have the lowest friction of all rolling bearings, thus keeping temperatures low even at high rotational speeds.



Main use: It is suitable for precision instruments, low noise motors, automobiles, motorcycles and general machinery.

It is the most widely used type of bearing in the machinery industry.



Item No.	Item No.	Bore diameter	Outer diameter	Width	Chamfer r min	Basic rated load/KN		Limit speed R/min		Weight Kg/pc	
						Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Cylindrical Bore	Tapered Bore
1204	1204K	20	47	14	1	9.95	2.65	14000	17000	0.12	0.118
2204	2204K	20	47	18	1	12.5	3.28	14000	17000	0.14	0.136
1304	1304K	20	52	15	1.1	12.5	3.38	12000	15000	0.163	0.161
2304	2304K	20	52	21	1.1	17.8	4.75	11000	14000	0.209	0.205
1205	1205K	25	52	15	1	12	3.3	12000	14000	0.141	0.138
2205	2205K	25	52	18	1	12.5	3.4	12000	4000	0.163	0.158
1305	1305K	25	62	17	1.1	17.8	5.05	10000	13000	0.257	0.252
2305	2305K	25	62	24	1.1	24.5	6.48	9500	12000	0.335	0.327
1206	1206K	30	62	16	1	15.8	4.7	10000	12000	0.22	0.216
2206	2206K	30	62	20	1	15.2	4.6	10000	12000	0.26	0.254
1306	1306K	30	72	19	1.1	21.5	6.28	8500	11000	0.387	0.381
2306	2306K	30	72	27	1.1	31.5	8.68	8000	10000	0.5	0.489
1207	1207K	35	72	17	1.1	15.8	5.08	8500	10000	0.323	0.317
2207	2207K	35	72	23	1.1	21.8	6.65	8500	0000	0.403	0.396
1307	1307K	35	80	21	1.5	25	7.95	7500	9500	0.51	0.381
2307	2307K	35	80	31	1.5	39.2	11	7100	9000	0.675	0.489
1208	1208K	40	80	18	1.1	19	6.95	8500	10000	0.417	0.411
2208	2208K	40	80	23	1.1	31.9	10	7500	9000	0.505	0.494
1308	1308K	40	90	23	1.5	33.8	11.2	6700	8000	0.715	0.704

Item No.	Item No.	Bore diameter	Outer diameter	Width	Chamfer r min	Basic rated load/KN		Limit speed R/min		Weight Kg/pc	
						Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Cylindrical Bore	Tapered Bore
2308	2308K	40	90	33	1.5	54	16	6300	7500	0.925	0.903
1209	1209K	45	85	19	1.1	22.9	7.8	7500	9000	0.465	0.459
2209	2209K	45	85	23	1.1	32.5	10.6	7000	8500	0.545	0.533
1309	1309K	45	100	25	1.5	39	13.4	6300	7500	0.957	0.942
2309	2309K	45	100	36	1.5	63.7	19.3	5600	6700	1.23	1.2
1210	1210K	50	90	20	1.1	26.5	9.15	7000	8500	0.525	0.515
2210	2210K	50	90	23	1.1	33.8	11.2	6300	7500	0.59	0.577
1310	1310K	50	110	27	2	43.6	14	5600	6700	1.21	1.19
2310	2310K	50	110	40	2	43.6	14	5300	6300	1.64	1.6
1211	1211K	55	100	21	1.5	26.8	10	5800	7100	0.705	0.69
2211	2211K	55	100	25	1.5	26.8	10	5800	7100	0.81	0.792
1311	1311K	55	120	29	2	51.3	17.9	5000	6200	1.58	1.56
2311	2311K	55	120	43	2	75.3	24	4600	6400	2.1	2.05
1212	1212K	60	110	22	1.5	30.2	11.5	5200	6400	0.9	0.89
2212	2212K	60	110	28	1.5	34.1	12.6	5300	6500	1.09	1.07
1312	1312K	60	130	31	2.1	57.2	20.8	4500	5500	1.96	1.93
2312	2312K	60	130	46	2.1	87.2	28.3	4200	5800	2.6	2.53
1213	1213K	65	120	23	1.5	31	12.5	4800	5800	1.15	1.13
2213	2213K	65	120	31	1.5	43.5	16.4	4900	5900	1.46	1.43
1313	1313K	65	140	33	2.1	61.7	22.9	4300	5200	2.45	2.41
2313	2313K	65	140	48	2.1	95.8	32.5	38000	5300	3.23	3.15
1214	1214K	70	125	24	1.5	34.6	13.8	4600	5700	1.26	1.2
2214	2214K	70	125	31	1.5	43.9	17.1	4600	5600	1.52	1.5
1314	1314K	150	35	35	2.1	74	27.7	4000	4900	2.99	2.9
2314	2314K	150	51	51	2.1	89.6	31.7	3600	4900	4.23	4.1
1215	1215K	75	130	25	1.5	38.8	15.7	4300	5300	1.36	1.34
2215	2215K	75	130	31	1.5	44.2	17.8	4300	5300	1.62	1.58
1315	1315K	75	160	37	2.1	78.9	29.9	4000	4900	3.56	3.51
2315	2315K	75	160	55	2.1	103	36.8	3400	4600	5.13	5.01
1216	1216K	80	140	26	2	39.8	17	4000	4900	1.67	1.64
2216	2216K	80	140	33	2	49	19.9	4100	5000	2.01	1.97
1316	1316K	80	170	39	2.1	88.1	33.1	3500	4300	4.18	4.12
2316	2316K	80	170	58	2.1	129	45.7	3100	4300	6.1	5.96

CYLINDRICAL ROLLER BEARINGS

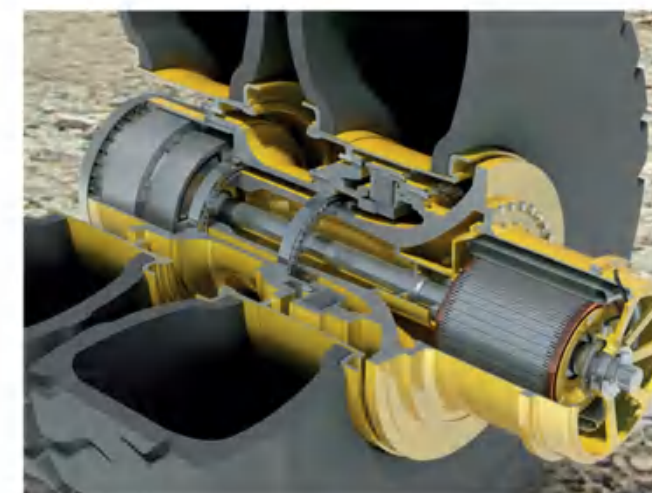


Cylindrical Roller Bearings -Rolling elements are radial rolling bearings of cylindrical rollers.

The internal structure adopts rollers arranged in parallel, and the spacers or the spacers are arranged between the rollers to prevent the rollers from tilting or friction between the rollers, thereby effectively preventing an increase in the rotational torque. Widely used in medium and large-sized motors, rolling stock, machine tool spindles, internal combustion engines, generators, gas turbines, gearboxes, rolling mills, vibrating screens and lifting and transporting machinery.



Cylindrical roller bearings have a strong radial load capacity. Due to the linear contact between the rollers and the raceways, these bearings are suitable for high-speed rotation.



The outer ring and inner ring of the bearing can be separated, which makes the assembly and disassembly of this type of bearing easier.

The inner and outer rings can move relative to each other in the axial direction. Due to the difference in its internal design, it can be divided into 4 product series (N, NJ, NU, NUP), which is a structure with separable inner ring and outer ring.



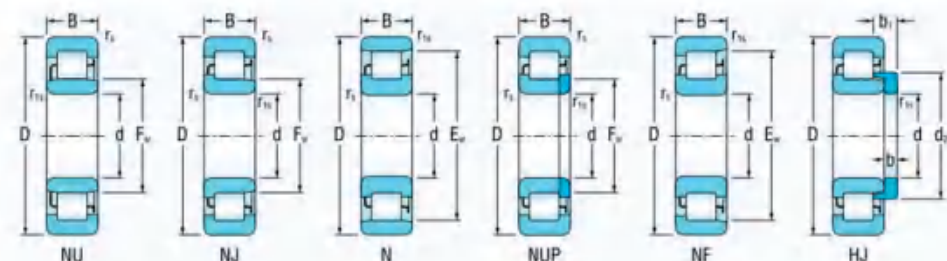
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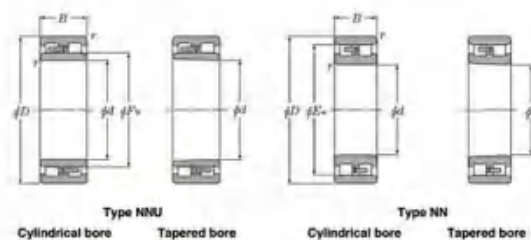


Four rows



Item No.	Bore diameter	Outer diameter	Width	r1	rs	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	B (mm)	min	min	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	
N202/NJ202/NU202	15	35	11	0.6	0.3	12.7	10.4	20000	22000	0.05
N203/NJ203/NU203	17	40	12	0.6	0.3	17.6	14.6	10000	18000	0.06
N204/NJ204/NU204	20	47	14		0.6	16.6	13.9	17000	20000	0.109
N304/NJ304/NU304	20	52	15	1.1	0.6	23.1	19.2	14000	17000	0.14
N205/NJ205/NU205	25	52	15	1	0.6	18.8	17	14000	17000	0.134
N305/NJ305/NU305	25	62	17	1.1	1.1	31.5	27.7	12000	4000	0.235
N206/NJ206/NU206	30	62	16	1	0.6	24.9	23.3	12000	14000	0.203
N306/NJ306/NU306	30	72	19	1.1	1.1	38.5	35	10000	12000	0.35
N207/NJ207/NU207	35	72	17	1.1	0.6	35.5	34	11000	12000	0.289
N307/NJ307/NU307	35	80	21	1.5	1.1	49.5	47	9000	11000	0.451
N208/NJ208/NU208	40	80	18	1.1	1.1	43.5	43	9400	11000	0.37
N308/NJ308/NU308		90	23	1.5	1.5	58.5	57	8000	9400	0.643
N209/NJ209/NU209	45	85	19	1.1	1.1	46	47	8400	9900	0.423
N309/NJ309/NU309		100	25	1.5	1.5	79	77.5	7200	8400	0.859
N210/NJ210/NU210	50	90	20	1.1	1.1	50.5	54.5	7600	9000	0.46
N310/NJ310/NU310		110	27	2	2	87	86	6500	7700	1.11
N211/NJ211/NU211	55	100	21	1.5	1.1	61	66.5	6900	8200	0.626
N311/NU311/NUP311NV		120	29	2	2	111	111	5900	700	1.42
N212/NJ212/NU212	60	110	22	1.5	1.5	72	80	6400	7600	0.802
N312/NU312		130	31	2.1	2.1	124	126	5500	6500	1.76

Item No.	Bore diameter	Outer diameter	Width	r1	rs	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	B (mm)	min	min	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	
N213/NJ213/NU213	65	120	23	1.5	1.5	84	94.5	5900	7000	1
N313/NU313/NUP213NV	65	140	33	2.1	2.1	135	139	5100	6n00	2.18
N214/NJ214/NU214	70	125	24	1.5	1.5	87.5	101	5500	6500	1.1
N314/NU314	70	150	35	2.1	2.1	158	168	4700	5500	2.65
N215/NJ215/NU215	75	130	25	1.5	1.5	101	118	5100	6000	1.21
N216/NJ216/NU216	80	140	26	2	2	111	130	4800	5700	1.47
N316/NU316	80	170	39	2.1	2.1	201	223	4100	4800	3.77
N217/NJ217/NU217	85	150	28	2	2	126	149	4500	5300	1.83
N317/NU317	85	180	41	3	3	225	247	3900	4600	4.44
N218/NJ218/NU218	90	160	30	2	2	152	178	4300	5000	2.25
N318/NU318	90	190	43	3	3	240	265	3700	4300	5.18
N219/NJ219/NU219	95	170	32	2.1	2.1	166	195	4000	4700	2.72
N319/NU319	95	200	45	3	3	274	310	3400	4000	5.99
NJ419/NU419	95	240	55	4	4	400	445	2600	320	13.6
NJ2219/NU2219	95	170	43	2.1	2.1	230	298	3400	4000	3.89
NJ2319/NU2319	95	200	67	3	3	370	460	2600	3200	9.38
N220/NJ220/NU220	100	180	34	2.1	2.1	183	217	3400	4000	3.36
N320/NJ320/NU320	100	215	47	3	3	300	335	2800	3400	7.59
NJ420/NU420	100	250	58	4	4	445	500	2400	3000	15.5
NJ2220/NU2220	100	180	46	2.1	2.1	257	335	3200	3800	4.68
NJ2320/NU2320	100	215	73	3	3	435	545	2400	3000	11.9
N221/NJ221/NU221	105	190	36	2.1	2.1	202	241	3200	3800	4
N321/NJ321/NU321	105	225	49	3	3	340	385	2600	3200	8.69
N222/NJ222/NU222	110	200	38	2.1	2.1	240	290	300	3600	4.64
N322/NJ322/NU322	110	240	50	3	3	380	435	2400	3000	10.3
NJ2222	110	200	53	2.1	2.1	320	440	2800	3400	6.85
NJ2322/NU2322	110	240	80	3	3	570	730	2000	2600	18.6
N224/NJ224/NU224	120	215	40	2.1	2.1	260	320	2800	3400	5.63
N324/NJ324/NU324	120	260	55	3	3	445	510	2200	2800	12.9
NJ2224/NU2224	120	215	58	2.1	2.1	365	490	2600	3200	8.38
NJ2324/NU2324	120	260	86	3	3	710	915	1900	2400	23.4



Item No.	Bore diameter	Outer diameter	Width	Ew	r	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	B (mm)	mm	min	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
NN3010	50	80	23	72.5	1	52	73	10000	12000	0.428
NN3010/W33	50	80	23	72.5	1	52	73	10000	12000	0.428
NN3010K	50	80	23	72.5	1	52	73	10000	12000	0.42
NN3010KW33	50	80	23	72.5	1	52	73	10000	12000	0.42
NN3010TN1	50	80	23	72.5	1	52	73	10000	12000	0.428
NN3010TN1W3	50	80	23	72.5	1	52	73	10000	12000	0.428
NN3010KTN1	50	80	23	72.5	1	52	73	10000	12000	0.42
NN3010KTN1/3	50	80	23	72.5	1	52	73	10000	12000	0.42
NN3011	55	90	26	81	1.1	69.3	96.5	9500	11000	0.68
NN3011/33	55	90	26	81	1.1	69.3	96.5	9500	11000	0.68
NN3011K	55	90	26	81	1.1	69.3	96.5	9500	11000	0.62
NN3011KW33	55	90	26	81	1.1	69.3	96.5	9500	11000	0.62
NN3011TN1	55	90	26	81	1.1	69.3	96.5	9500	11000	0.68
NN3011TN1W3	55	90	26	81	1.1	69.3	96.5	9500	11000	0.68
NN3011KTN1	55	90	26	81	1.1	69.3	96.5	9500	11000	0.62
NN3011KTN1/3	55	90	26	81	1.1	69.3	96.5	9500	11000	0.62
NN3012	60	95	26	86.1	1.1	73.7	106	9000	10000	0.72
NN3012/W33	60	95	26	86.1	1.1	73.7	106	9000	10000	0.72
NN3012K	60	95	26	86.1	1.1	73.7	106	9000	10000	0.66
NN3012K33	60	95	26	86.1	1.1	73.7	106	9000	10000	0.66
NN3012TN1	60	95	26	86.1	1.1	73.7	106	9000	10000	0.72

Item No.	Bore diameter	Outer diameter	Width	Ew	r	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	B (mm)	mm	min	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
NN3012TN1W3	60	95	26	86.1	1.1	73.7	106	9000	10000	0.72
NN3012KTN1	60	95	26	86.1	1.1	73.7	106	9000	10000	0.66
NN3012KTN1/3	60	95	26	86.1	1.1	73.7	106	9000	10000	0.66
NN3013	65	100	26	91	1.1	76.5	116	8500	9500	0.77
NN3013/W33	65	100	26	91	1.1	76.5	116	8500	9500	0.770
NN3013K	65	100	26	91	1.1	76.5	116	8500	9500	0.71
NN3013KW33	65	100	26	91	1.1	76.5	116	8500	9500	0.710
NN3013TN1	65	100	26	91	1.1	76.5	116	8500	9500	0.77
NN3013TN1W3	65	100	26	91	1.1	76.5	116	8500	9500	0.770
NN3013KTN1	65	100	26	91	1.1	76.5	116	8500	9500	0.71
NN3013KTN1/3	65	100	26	91	1.1	76.5	116	8500	9500	0.710
NN3014	70	110	30	100	1.1	96.8	150	7500	8500	1.06
NN3014/33	70	110	30	100	1.1	96.8	150	7500	8500	1.060
NN3014K	70	110	30	100	1.1	96.8	150	7500	8500	1
NN3014KW33	70	110	30	100	1.1	96.8	150	7500	8500	1.000
NN3014TN1	70	110	30	100	1.1	96.8	150	7500	8500	1.060
NN3014TN1W3	70	110	30	100	1.1	96.8	150	7500	8500	1.06
NN3014KTN1	70	110	30	100	1.1	96.8	150	7500	8500	1
NN3014KTN1/3	70	110	30	100	1.1	96.8	150	7500	8500	1.000
NN3015	75	115	30	105	1.1	96.8	150	6000	7200	1.16
NN3015/W33	75	115	30	105	1.1	96.8	150	6000	7200	1.160
NN3015K	75	115	30	105	1.1	96.8	150	6000	7200	1.10
NN3015KW33	75	115	30	105	1.1	96.8	150	6000	7200	1.100
NN3015TN1	75	115	30	105	1.1	96.8	150	6000	7200	1.16
NN3015TN1W3	75	115	30	105	1.1	96.8	150	6000	7200	1.160
NN3015KTN1	75	115	30	105	1.1	96.8	150	6000	7200	1.10
NN3015KTN1/3	75	115	30	105	1.1	96.8	150	6000	7200	1.100
NN3016	80	125	34	113	1.1	119	186	4800	6000	1.54
NN3016/W33	80	125	34	113	1.1	119	186	4800	6000	1.540
NN3016K	80	125	34	113	1.1	119	186	4800	6000	1.5
NN3016KW33	80	125	34	113	1.1	119	186	4800	6000	1.5
NN3016TN1	80	125	34	113	1.1	119	186	4800	6000	1.54
NN3016TN1N33	80	125	34	113	1.1	119	186	4800	6000	1.54
NN3016KTN1	80	125	34	113	1.1	119	186	4800	6000	1.5
NN3016KTN1W	80	125	34	113	1.1	119	186	4800	6000	1.5
NN3017	85	130	34	118	1.1	125	201	4500	5600	1.63

SPHERICAL ROLLER BEARINGS



Spherical roller bearings are bearings with drum rollers assembled between the inner rings of two raceways and the outer rings of the raceways.

According to the inner ring with or without a retaining ring and the cage used, it can be classified as type C and type CA. Type C bearings have no inner ring and steel plate stamping cage. The CA type inner ring has one side on each side. In order to improve the lubrication of the bearing, the outer ring has an annular oil groove and three oil holes spherical roller bearings.



Main applications:

Papermaking machinery, reducer, railway vehicle axle, rolling mill gearbox shell, rolling mill roll, crusher, vibrating screen, mechanical machinery, woodworking machinery, all kinds of industrial reducer, vertical belt seat self-aligning bearing.

Mining machinery operates in harsh working environments, such as dusty and high-load conditions, which requires mining machinery to have equipment with excellent durability and reliability. Therefore, most bearings used in mining machinery are spherical roller bearings.

Cage structure:



MB cage



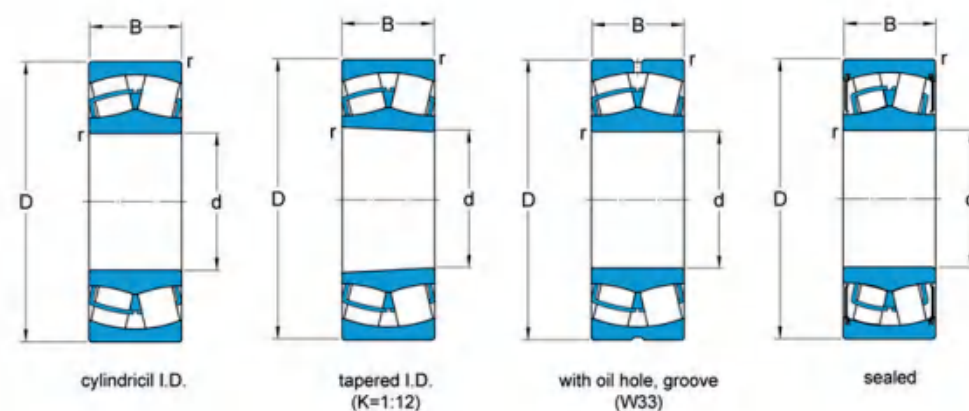
CC cage



CA cage



MA cage



Item No.	Bore diameter	Outer diameter	Width	Chamfer r/min	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	B (mm)	min	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
21304CA	20	52	15	1.1	33.7	32.1	9000	11000	0.175
21304TN1		52	15	1.1	35.8	35.2	9000	11000	0.161
22205CC	25	52	18	1	40	42	8000	10000	0.177
22205CA		52	18	1	40	42	8000	10000	0.177
22205TN1		52	18	1	42.2	45	8000	10000	0.178
21305CA		62	17	1.1	42.7	45.5	7000	8000	0.277
21305TN1		62	17	1.1	45.5	45.8	7000	8000	0.258
22206MB	30	62	20	1	34.5	39.3	5300	8000	0.29
22206CA		62	20		56	61	6300	8000	0.3
22206CC		62	20	1	56	61	6700	8500	0.283
22206TN		62	20	1	58.5	61.3	6700	8500	0.271
21306CA		72	19	1.1	57.5	63.9	5500	7000	0.412
21306TN1		72	19	1.1	63.8	65.4	5500	7000	0.391
22207MB	35	72	23	1.1	57	71.3	5800	7000	0.43
22207CA		72	23	1.1	75	82	6300	7700	0.45
22207CC		72	23	1.1	75	82	6600	8000	0.437

Item No.	Bore diameter	Outer diameter	Width	Chamfer r/min	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	B (mm)	min	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
22207TN1		72	23	1.1	78.5	87	6600	8000	0.428
21307CA		80	21	1.5	65.4	75.4	5000	6300	0.542
21307TN1		80	21	1.5	74.4	77.7	5000	6300	0.507
22208MB	40	80	23	1.1	62.6	72.6	5500	6600	0.55
22208CA		80	23	1.1	86.9	93.5	6000	7000	0.54
22208CC		80	23	1.1	86.9	93.5	6000	7300	0.524
22208TN1		80	23	1.1	95.3	103	6000	6300	0.524
21308CA		90	23	1.5	88.8	99	4600	5500	0.75
21308CC		90	23	1.5	88.8	99	4600	5500	0.743
21308TN1		90	23	1.5	93.9	102	4600	5500	0.717
22308MB		90	33	1.5	89	112	5000	6000	1.03
22308CA		90	33	1.5	123.6	142.1	5300	6300	1
22308CC		90	33	1.5	123.6	142.1	5000	7000	1.02
22308TN1		90	33	1.5	133.9	152.4	5000	7000	1.02
22209MB	45	85	23	1.1	68	83	5000	6000	0.59
22209CA		85	23	1.1	93	102	5500	7000	0.58
22209CC		85	23	1.1	93	102	5500	7000	0.57
22209TN1		85	23	1.1	97	105	5500	7000	0.555
21309CA		100	25	1.5	106	118	3200	4000	1.02
21309CC		100	25	1.5	106	118	3200	4000	1
21309TN1		100	25	1.5	111	124	3200	4000	0.949
22309MB		100	36	1.5	130	152	3600	4500	1.4
22309CA		100	36	1.5	156	175	4800	5800	1.38
22309CC		100	36	1.5	156	175	4800	5800	1.37
22309TN1		100	36	1.5	165	191	4000	5300	1.39

ANGULAR CONTACT BALL BEARINGS



Angular contact ball bearings can bear both radial and axial loads.

Angular contact bearings mainly include active bearings of high-speed machines, high-precision parts of industrial machinery, mechanical equipment that needs to withstand high axial and radial loads, and supporting parts that require high reliability and high precision.

These bearings can withstand radial and axial loads at the same time, are suitable for high-speed machines, and have the characteristics of high rigidity, high precision, low friction coefficient and long service life.



Face-to-Face

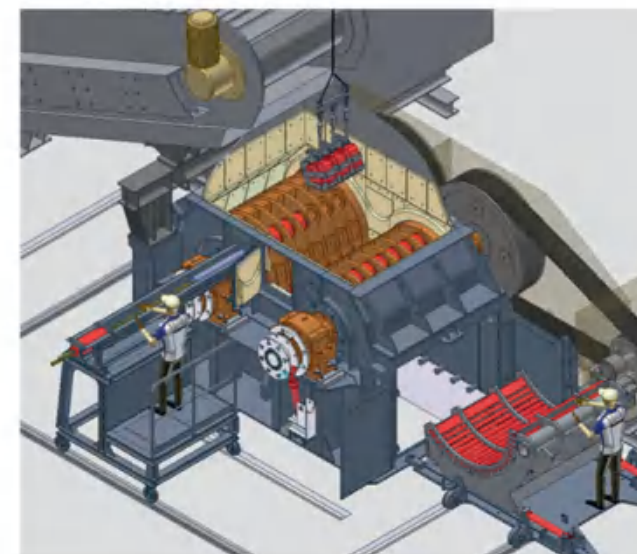
Back-to-Back

Tandem

Universal

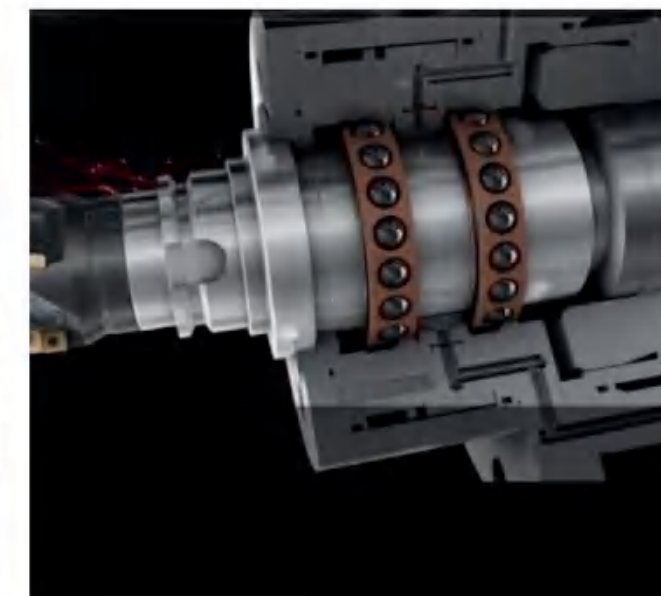
Angular contact ball bearing applications:

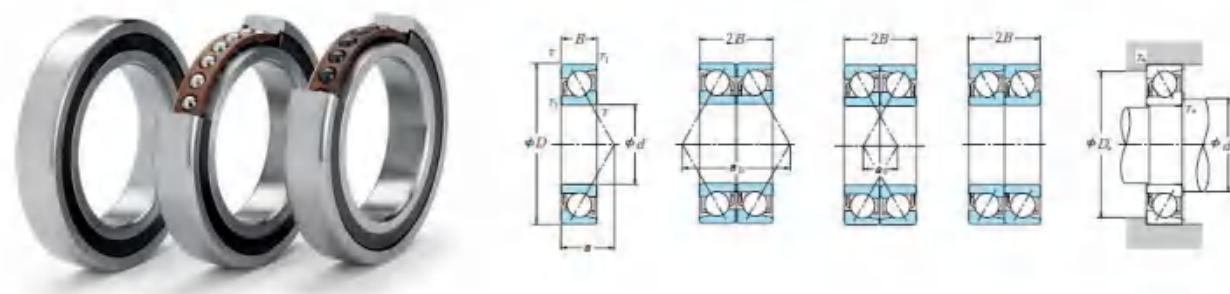
1. Active bearings for high-speed machines, such as high-speed motors;
2. High-precision parts of industrial machinery, such as data storage devices, CNC machine tools, etc.;
3. Mechanical equipment that needs to withstand high axial and radial loads, such as machine tool spindles;
4. Supporting parts that require high reliability and high precision



Double row angular contact ball bearings:

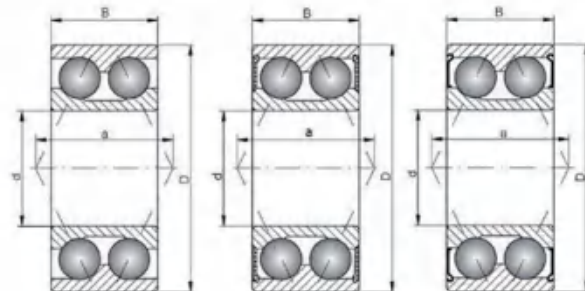
oil pump, roots blower, air compressor, all kinds of transmission, fuel injection pump, printing machinery, extraction equipment and so on.





Item No.	Bore diameter	Outer diameter	Width	r	r1	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	B(mm)	min	min	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
7000C/7000AC	10	26	8	0.3	0.15	3.78	2.15	19000	28000	0.018
7200C/7200AC	10	30	9	0.6	0.3	4.18	2.42	18000	26000	0.03
7300AC/7300B	10	35	11	0.6	0.3	5.4	2.61	20000	26000	0.053
7001C/7001AC	12	28	8	0.3	15	4.08	2.42	18000	26000	0.02
7201C/7201AC	12	32	10	0.6	0.3	5.65	3.35	17000	24000	0.035
7301C/7301AC	12	37	12	1	0.6	8.1	5.22	16000	22000	0.06
7002C/7002AC	15	32	9	0.3	0.2	4.8	2.95	17000	24000	0.028
7202C/7202AC	15	35	11	0.6	0.3	6.68	4.19	16000	22000	0.043
7302C/7302AC	15	42	13		0.6	9.38	5.95	15000	22000	0.084
7003C/7003AC	17	35	10	0.3	0.15	5.08	3.22	16000	22000	0.036
7203C/7203AC	17	40	12	0.6	0.3	8.38	5.38	15000	20000	0.062
7303C/7303AC	17	47	14	1	0.6	12.8	8.6	14000	19000	0.116
7004C/7004AC	20	42	12	0.6	0.3	8	5.25	14000	19000	0.064
7204C/7204AC/7204B	20	47	14		0.6	11.2	7.46	13000	18000	0.1
7304C/7304AC	20	52	15	1.1	0.6	14.2	9.68	12000	17000	0.15
7005C/7005AC	25	47	12	0.6	0.3	9	6.22	12000	17000	0.074
7205C/7205AC/7205B	25	52	15		0.6	12.8	8.95	11000	16000	0.12
7305C/7305AC/7305B	25	62	17	1.1	0.6	21.5	15.8	9500	14000	0.23

Item No.	Bore diameter	Outer diameter	Width	r	r1	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	B (mm)	min	min	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
7006C/7006AC/7206C	30	55	13		0.6	11.5	8.45	9500	14000	0.11
7306C/7306AC/7306B	30	72	19	1.1	0.6	26.2	19.8	8500	12000	0.35
7007C/7007AC	35	62	14		0.6	14.8	11.5	8500	12000	0.15
7207C/7207AC/7207B	35	72	17	1.1	0.6	23.5	17.5	8000	11000	0.28
7307C/7307AC/7307B	35	80	21	1.5	1	34.2	26.8	7500	10000	0.47
7008C/7008AC	40	68	15	1	0.6	15.5	12.2	8000	11000	0.18
7208C/7208AC/7208B	40	80	18	1.1	0.6	26.8	20.5	7500	10000	0.37
7309C/7308AC/7308B	40	90	23	1.5	1	40.2	32.3	6700	9000	0.66
7009C/7009AC	45	75	16		0.6	19.8	16.2	7500	10000	0.23
7209C/7209AC/7209B	45	85	19	1.1	0.6	29.8	23.8	6700	9000	0.41
7309C/7309AC/7309B	45	100	25	1.5	1	49.2	39.8	6000	8000	0.86
7010C/7010AC	50	80	16	1	0.6	20.5	17.2	6700	9000	0.25
7210C/7210AC/7210B	50	90	20	1.1	0.6	32.8	26.8	6300	8500	0.46
7310C/7310AC/7310B	50	110	27	2	1	53.5	47.2	5600	7500	1.08
7011C/7011AC	55	90	18	1.1	0.6	28.5	24.5	6000	8000	0.38
7211C/7211AC/7211B	55	100	21	1.5	1	40.8	33.8	5600	7500	0.61
7311C/7311AC/7311B	55	120	29	2	1	70.5	60.5	5000	6700	1.71
7012C/7012AC	60	95	18	1.1	0.6	29.5	25.8	5600	7500	0.4
7212C/7212AC/7212B	60	110	22	1.5	1	44.8	37.8	5300	7000	0.8
7312C/7312AC/7312B	60	130	31	2.1	1.1	80.5	70.2	4800	6300	1.7
7013C/7013AC	65	100	18	1.1	0.6	30.8	27.8	5300	7000	0.43
7213C/7213AC/7213B	65	120	23	1.5	1	53.8	46	4800	6300	1
7313C/7313AC/7313B	65	140	33	2.1	1.1	91.5	80.5	4300	5600	2.23
7014C/7014AC	70	110	20	1.1	0.6	37.2	34	5000	6700	0.6
7214C/7214AC/7214B	70	125	24	1.5	1	56	49.2	4500	6700	1.1
7314C/7314AC/7314B	70	150	35	2.1	1.1	102	91.5	4000	5300	2.67



Item No.	Bore diameter	Outer diameter	Width	r	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	B(mm)	min	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
3200	10	30	14.3	0.6	8.4	6.5	14000	19000	0.051
3201	12	32	15.9	0.6	8.44	6.7	13000	17000	0.06
3202	15	35	15.9	0.6	11.1	9.05	11000	15000	0.06
3203	17	40	17.5	0.6	14.2	11.8	9900	13000	0.099
3204	20	47	20.6	1	17.5	15.2	8800	12000	0.166
3205	25	52	20.6	1	19.3	18.4	7300	9800	0.183
3206	30	62	23.8	1	27.7	27.4	6300	8400	0.303
3207	35	72	27	1.1	37.5	38	5500	7400	0.458
3208	40	80	30.2	1.1	40.5	45	4900	6600	0.627
3209	45	85	30.2	1.1	46.5	52	4400	5900	0.678
3210	50	90	30.2	1.1	52.5	60	4000	5300	0.698
3211	55	100	33.3	1.5	66	76.5	3600	4900	1.07
3212	60	110	36.5	1.5	70.5	88	3400	4500	1.34
3213	65	120	38.1	1.5	78	99	3100	4200	1.68
3214	70	125	39.7	1.5	86	110	2900	3900	1.84
3215	75	130	41.3	1.5	94	122	2700	3600	2.01
3216	80	140	44.4	2	104	131	2500	3400	2.71
3217	85	150	49.2	2	121	155	2400	3200	3.48
3218	90	160	52.4	2	135	170	2200	3000	4.24

Item No.	Bore diameter	Outer diameter	Width	r	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	B(mm)	min	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
3218	90	160	52.4	2	135	170	2200	3000	4.24
3219	95	170	55.6	2.1	144	184	2100	2800	5.1
3220	100	180	60.3	2.1	189	234	2000	2700	5.88
3302	15	42	19	1	14.2	11.8	9900	13000	0.127
3303	17	47	22.2	1	17.5	15	9000	12000	0.185
3304	20	52	22.2	1.1	21.1	18.6	8000	11000	0.221
3305	25	62	25.4	1.1	29.4	26.8	6700	8900	0.354
3306	30	72	30.2	1.1	39	36.5	5700	7600	0.55
3307	35	80	34.9	1.5	49.5	47.5	5000	6600	0.76
3308	40	90	36.5	1.5	54.5	57.5	4400	5900	1.03
3309	45	100	39.7	1.5	67.5	72.5	4000	5300	1.37
3310	50	110	44.4	2	81.5	89.5	3600	4800	1.98
3311	55	120	49.2	2	96.5	108	3300	4400	2.42
3312	60	130	54	2.1	113	128	3000	4000	3.07
3313	65	140	58.7	2.1	131	150	2800	3700	3.9
3314	70	150	63.5	2.1	153	168	2600	3500	5.2
3315	75	160	68.3	2.1	172	191	2400	3200	6.3
3316	80	170	68.3	2.1	175	192	2400	3200	7.21
3317	85	180	73	2.1	190	210	2200	3300	8.3

TAPERED ROLLER BEARINGS



Tapered roller bearings for rolling mills, mining, metallurgy, plastic machinery and other industries.

Tapered roller bearings play an important role in the automobile transmission system, ensuring the stability and safety of the car during driving. They are widely used in wheels, transmissions, differentials, drive axles and other parts

The main advantages include high load capacity, good self-aligning performance, high temperature resistance, adaptability, high reliability and easy maintenance. It is also suitable for various installation methods, such as face-to-face, back-to-back, series, etc.

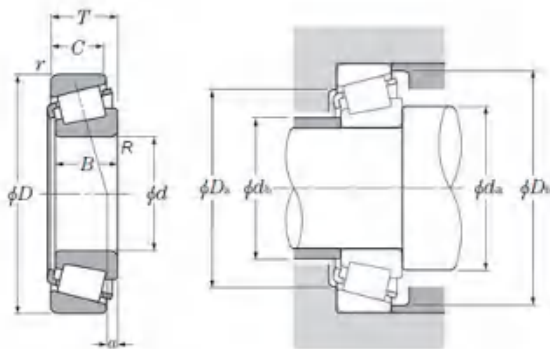


Single row tapered roller bearings are typically used in applications where combined loads are present. Single row tapered roller bearings can also be used in groups.

Double row tapered roller bearings are commonly used in gearboxes, lifting equipment, rolling mills and mining machinery.



Four-row tapered roller bearings are used almost exclusively in roll applications, such as rolling mills.



Item No.	Cone Bore diameter	Cup Outer diameter	Cone Width	Cup Width	Bearing Width	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	B(mm)	C (mm)	T(mm)	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
30302	15	42	13	1	14.25	20.88	19.97	9400	12000	0.098
30203	17	40	12	11	13.25	18.45	19.49	9400	12000	0.079
30303		47	14	12	15.25	26.01	25.25	8600	11000	0.134
32004X	20	42	15	12	15	22.41	26.78	9000	12000	0.097
30204		47	14	2	15.25	25.38	27.55	8400	11000	0.127
32204		47	18	15	19.25	32.85	37.92	8400	11000	0.16
30304		52	15	3	16.25	31.95	32.64	7600	10000	0.172
32304		52	21	18	22.25	41.85	46.56	7600	10000	0.241
32005X	25	47	15	11.5	15	25.02	32.16	7500	10000	0.116
30205		52	15	13	16.25	28.35	32.64	8900	9300	0.157
32205		52	18	15	19.25	37.8	45.12	6900	9300	0.187
33205		52	22	18	22	42.75	55.2	6900	9300	0.221
30305		52	17	15	18.3	43.65	45.6	6400	8400	0.27
31305		62	17	13	18.3	38	40	5600	7500	0.26
32305		62	24	20	25.3	55.35	61.92	6400	8400	0.376
32006X	30	55	17	13	17	33.75	44.16	6600	8700	0.172
30206		62	16	14	17.3	39.15	46.08	6000	7900	0.238
32206		62	20	17	21.25	49.05	61.44	6000	7900	0.297
33206		62	25	19.5	25	58.5	73.92	6000	7900	0.355
30306		72	19	16	20.75	54	58.56	5400	7200	0.403
31306		72	19	14	20.75	47.3	50	5000	6700	0.39

Item No.	Cone Bore diameter	Cup Outer diameter	Cone Width	Cup Width	Bearing Width	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	B (mm)	C(mm)	T(mm)	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
31306		72	19	14	20.75	47.3	50	5000	6700	0.39
32306		72	27	23	28.75	7290	86.4	5400	7200	0.57
32007X	35	62	18	4	18	37.35	50.4	5800	7700	0.23
30207		72	17	15	18.25	49.95	59.04	5200	7000	0.34
32207		72	23	19	24.25	65.25	83.52	5200	7000	0.456
33207		72	28	22	28	78.8	104.6	5200	7000	0.54
30307		80	21	18	22.75	67.5	73.9	4800	6300	0.54
31307		80	21	15	22.75	61.6	67	4500	6000	0.52
32307		80	31	25	32.75	90.9	110.4	4800	6300	0.77
32008X	40	68	19	14.5	19	45	62.9	5000	6700	0.28
33008		68	22	8	22	53.6	79.2	5000	6700	0.32
30208		80	18	16	19.75	54.9	64.3	4700	6300	0.438
32208		80	23	19	24.75	71.6	89.8	4700	6300	0.55
32208		80	32	25	32	92.7	126.7	4700	6300	0.744
30308		90	23	20	25.25	82.35	97.92	4200	5600	0.758
31308		90	23	17	25.25	73.7	81.5	4000	5300	0.72
32308		90	33	27	35.25	109.8	144	4200	5600	1.05
32009X	45	75	20	15.5	20	51.75	73.44	4600	6000	0.354
33009		75	24	19	24	59.4	89.76	4600	6000	0.414
33109		80	26	20.5	26	76.1	110.4	4500	5900	0.552
30209		85	19	16	20.75	60.8	75.36	4200	5600	0.49
32209		85	23	19	24.75	73.8	96	4200	5600	0.602
33209		85	32	25	32	96.3	135.36	4200	5600	0.82
30309		100	25	22	27.25	99.9	120.96	3800	5000	1.01
31309		100	25	18	27.25	91.3	102	3400	4500	0.95
32309		100	36	30	38.25	138.6	183.36	3800	5000	1.42
32010X	50	80	20	15.5	20	56.3	84.48	4200	5500	0.38
33010		80	24	19	24	62.3	98.88	4200	5500	0.452
33110		85	26	20	26	77.85	116.16	4000	5300	0.597
30210		90	20	17	21.75	69.3	89.28	3800	5000	0.558
32210		90	23	19	24.75	78.75	104.64	3800	5000	0.644
33210		90	32	24.5	32	103.5	151.68	3800	5000	0.867

Item No.	Cone Bore diameter	Cup Outer diameter	Cone Width	Cup Width	Bearing Width	Basic rated load/KN		Limit speed R/min		Weight
	I.D(mm)	O.D (mm)	B(mm)	C(mm)	T(mm)	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
33210		90	32	24.5	32	103.5	151.68	3800	5000	0.867
30310		110	27	23	29.25	11970	145.92	3400	4600	1.28
31310		110	27	19	29.25	106	120	3200	4300	1.2
32310		110	40	33	42.25	165.6	222.72	3400	4600	1.88
32011X	55	90	23	17.5	23	72.5	113.28	3800	5100	0.568
33011		90	27	21	27	82.4	132.48	3800	5100	0.66
33111		95	30	23	30	99.9	148.8	3700	4900	0.877
30211		100	21	18	22.75	83.7	10658	3400	4600	0.74
32211		100	25	21	26.75	97.2	28.64	3400	4600	0.86
33211		100	35	27	35	124.2	180.48	3400	4600	1.18
30311		120	29	25	31.5	139.5	171.84	3100	4200	1.63
31311		120	29	21	31.5	121	137	2800	3800	1.55
32311		120	43	35	45.5	193.5	264	3100	4200	2.39
32012X	60	95	23	17.5	23	73.8	118.08	3500	4600	0.608
33012		95	27	21	27	84.15	139.2	3500	4600	0.713
33112		100	30	23	0	101.7	157.44	3400	4500	0.91
30212		110	22	19	23.75	94.5	120	3200	4300	0.93
32212		110	28	24	29.75	117	157.44	3200	4300	1.18
33212		110	38	29	38	150.3	224.64	3200	4300	1.56
30312		130	31	26	33.5	162	201.6	2900	3800	2.03
31312		130	31	22	33.5	145	166	2600	3600	1.9
32312		130	46	37	48.5	219.6	302.4	2900	3800	2.96
32013X	65	100	23	17.5	23	74.7	122.88	3200	4400	0.646
33013		100	27	21	27	87.8	149.76	3200	4400	0.76
33113		110	34	26.5	34	129.6	202,56	3100	4200	1.32
30213		120	23	20	24.5	110.7	142.08	2900	4000	1.18
32213		120	31	27	32.75	143.1	197.76	2900	4000	1.55
33213		120	41	32	41	175.5	254.4	2900	4000	2.04
30313		140	33	28	36	182.7	228.48	2700	3500	2.51
31313		140	33	23	36	165	193	2200	3200	2.35
32313		140	48	39	51	245.7	240	2700	3500	3.6
32014X	70	110	25	19	25	94.5	153.6	3000	4000	0.869

Item No.	Cone Bore diameter	Cup Outer diameter	Cone Width	Cup Width	Bearing Width	Basic rated load/KN		Limit speed R/min		Weight
	I.D(mm)	O.D (mm)	B(mm)	C(mm)	T(mm)	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
33210		90	32	24.5	32	103.5	151.68	3800	5000	0.867
30310		110	27	23	29.25	11970	145.92	3400	4600	1.28
31310		110	27	19	29.25	106	120	3200	4300	1.2
32310		110	40	33	42.25	165.6	222.72	3400	4600	1.88
32011X	55	90	23	17.5	23	72.5	113.28	3800	5100	0.568
33011		90	27	21	27	82.4	132.48	3800	5100	0.66
33111		95	30	23	30	99.9	148.8	3700	4900	0.877
30211		100	21	18	22.75	83.7	10658	3400	4600	0.74
32211		100	25	21	26.75	97.2	28.64	3400	4600	0.86
33211		100	35	27	35	124.2	180.48	3400	4600	1.18
30311		120	29	25	31.5	139.5	171.84	3100	4200	1.63
31311		120	29	21	31.5	121	137	2800	3800	1.55
32311		120	43	35	45.5	193.5	264	3100	4200	2.39
32012X	60	95	23	17.5	23	73.8	118.08	3500	4600	0.608
33012		95	27	21	27	84.15	139.2	3500	4600	0.713
33112		100	30	23	0	101.7	157.44	3400	4500	0.91
30212		110	22	19	23.75	94.5	120	3200	4300	0.93
32212		110	28	24	29.75	117	157.44	3200	4300	1.18
33212		110	38	29	38	150.3	224.64	3200	4300	1.56
30312		130	31	26	33.5	162	201.6	2900	3800	2.03
31312		130	31	22	33.5	145	166	2600	3600	1.9
32312		130	46	37	48.5	219.6	302.4	2900	3800	2.96
32013X	65	100	23	17.5	23	74.7	122.88	3200	4400	0.646
33013		100	27	21	27	87.8	149.76	3200	4400	0.76
33113		110	34	26.5	34	129.6	202,56	3100	4200	1.32
30213		120	23	20	24.5	110.7	142.08	2900	4000	1.18
32213		120	31	27	32.75	143.1	197.76	2900	4000	1.55
33213		120	41	32	41	175.5	254.4	2900	4000	2.04
30313		140	33	28	36	182.7	228.48	2700	3500	2.51
31313		140	33	23	36	165	193	2200	3200	2.35
32313		140	48	39	51	245.7	240	2700	3500	3.6
32014X	70	110	25	19	25	94.5	153.6	3000	4000	0.869

THRUST BALL BEARINGS

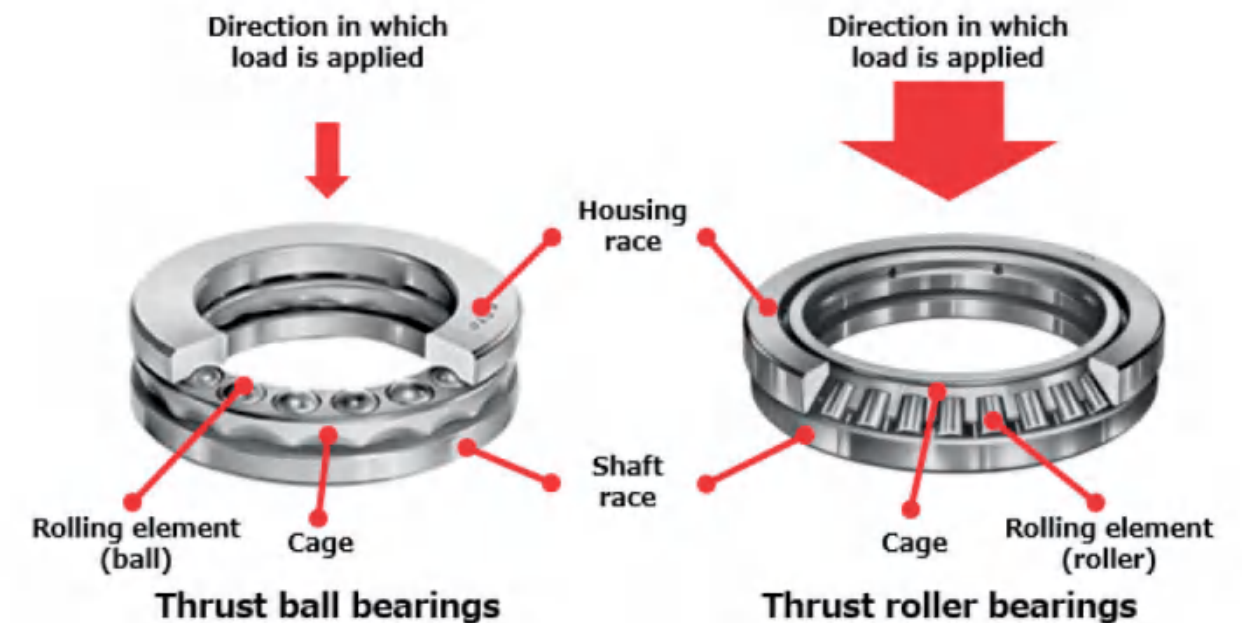


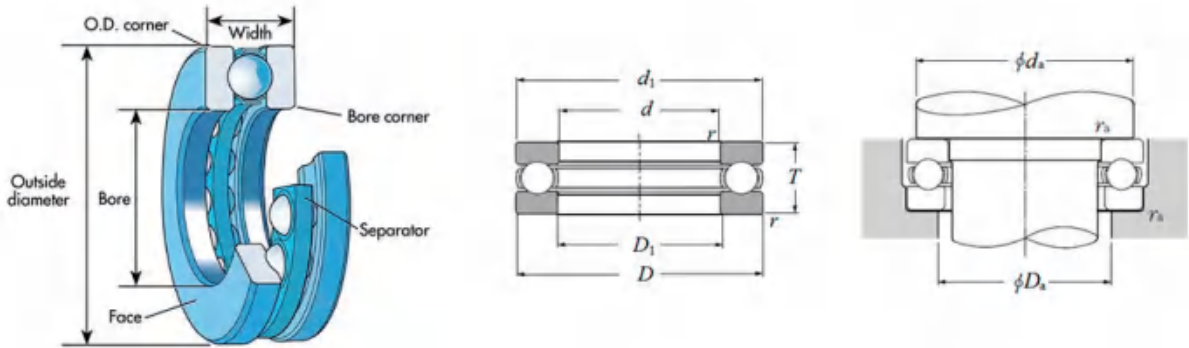
Thrust ball bearings are primarily used to carry axial loads, especially in low-speed applications

The specific applications of thrust ball bearings include but are not limited to crane hooks, vertical water pumps, vertical centrifuges, jacks, and low-speed reducers. The common feature of these applications is that they mainly bear axial loads and have relatively low speeds. For example, in automobile clutches, thrust ball bearings are used to bear the axial force of the clutch pressure plate; in reducers, thrust ball bearings are used to support and limit the axial movement of gears. Since thrust ball bearings can withstand unidirectional or bidirectional axial loads and allow for installation errors, they are also widely used in lathe tops, machine tool spindles, and other fields.



The thrust ball bearing consists of a seat ring, a shaft ring and a steel ball cage assembly, where the seat ring fits the housing and the shaft ring fits the shaft. The design of this bearing enables them to withstand thrust loads at high speeds, and because its ring is a seat cushion, thrust ball bearings are divided into two types: flat seat cushion type and self-aligning spherical seat cushion type.

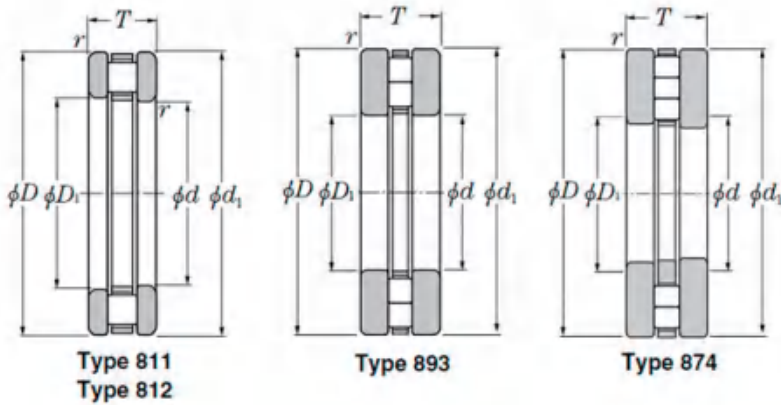




Item No.	Bore diameter	Outer diameter	Height	r	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	H (mm)	min	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
51110	50	70	14	0.6	27.3	58	3200	4300	0.155
51110M	50	70	14	0.6	27.3	58	3200	4300	0.155
51111	55	78	16	0.6	33.5	72	2800	3800	0.226
51111M	55	78	16	0.6	33.5	72	2800	3800	0.226
51112	60	85	17	1	39.5	87	2600	3600	0.263
51112M	60	85	17	1	39.5	87	2600	3600	0.263
51113	65	90	18	1	45.5	103	2400	3400	0.315
51113M	65	90	18	1	45.5	103	2400	3400	0.363
51114	70	95	18	1	49.4	119	2400	3400	0.351
51114M	70	95	18	1	49.4	119	2400	3400	0.377
51115	75	100	19	1	48.1	120	2200	3200	0.382
51115M	75	100	19	1	48.1	120	2200	3200	0.382
51116	80	105	19	1	49.4	130	2000	3000	0.399
51117	85	110	19	1	49.4	132	1600	3000	0.419
51118	90	120	22	1	65	170	1500	2600	0.632
51118M/P4	90	120	22	1	65	170	1500	2600	0.721
51120	100	135	25	1	81	213	1700	2400	0.937
51120M	100	135	25	1	81	213	1300	2400	0.937

Item No.	Bore diameter	Outer diameter	Height	r	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	H (mm)	min	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
51122	110	145	25	1	83	233	1200	2200	1.12
51122M	110	145	25	1	83	233	1200	2200	1.21
51124	120	155	25	1	84	236	1600	2200	1.13
51124M	120	155	25	1	84	236	1600	2200	1.25
51126M	130	170	30	1	111	316	1400	1900	1.86
51126	130	170	30	1	111	316	950	1900	1.67
51128	140	180	31	1	114	344	1300	1800	1.8
51128M	140	180	31	1	114	344	950	1800	2
51130M	150	190	31	1	117	371	1200	1700	2.19
51130	150	190	31	1	117	371	900	1700	1.96
51132M	160	200	31	1	121	399	1200	1700	2.38
51134M	170	215	34	1.1	131	443	1100	1600	2.99
51134M-1	170	215	34	1.1	92.5	385	1100	1600	2.94
51134	170	215	34	1.1	131	443	1100	1600	2.64
51136M	180	225	34	1.1	151	500	1000	1500	3.08
51136	180	225	34	1.1	151	500	1000	1500	2.86
51138M	190	240	37	1.1	178	592	950	1400	4.02
51138	190	240	37	1.1	178	592	950	1400	3.62

THRUST CYLINDRICAL ROLLER BEARINGS



Item No.	Bore diameter	Outer diameter	Height	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	H (mm)	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
81110	50	70	14	42.5	146	1600	2200	0.14
81210	50	78	22	91.5	300	1200	1700	0.36
81111	55	78	16	69.5	285	1400	1900	0.22
81211	55	90	25	116	365	950	1400	0.57
81112	60	85	17	80	300	1300	1800	0.27
81212	60	95	26	137	465	950	1400	0.64
81113	65	90	18	83	320	1200	1700	0.31
81213	65	100	27	140	490	900	1300	0.72
81114	70	95	18	86.5	345	1200	1700	0.33
81214	70	105	27	146	530	900	1300	0.77
89314	70	125	34	239	830	850	1200	1.9
89414	70	150	48	475	1500	750	1000	4.4
81115	75	100	19	75	290	1100	1600	0.38
81215	75	110	27	125	440	850	1200	0.81
89315	75	135	36	285	1010	800	1080	2.4
89415	75	160	51	500	1580	750	1000	6.2
81116	80	105	19	76.5	300	1000	1500	0.4
81216	80	115	28	160	610	858	1200	0.9
89316	80	140	36	305	1110	740	990	2.5
89416	80	170	54	560	1770	700	950	7.3
81117	85	110	19	76.5	310	1000	1500	0.42

Item No.	Bore diameter	Outer diameter	Height	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	H (mm)	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
81217	85	125	31	153	550	800	1100	1.3
89317	85	150	39	325	1140	750	1030	3.39
89417	85	180	58	620	1980	650	900	8.65
81118	90	120	22	104	415	900	1300	0.64
81218	90	135	35	232	865	750	1000	1.75
89318	90	155	39	335	1200	730	980	3.63
89418	90	190	60	680	2200	630	850	9.94
81120	100	135	25	146	585	850	1200	1
81220	100	150	38	224	830	670	900	2.2
89320	100	170	42	380	1400	650	910	4.56
89420	100	210	67	850	2850	550	720	13.42
81122	110	145	25	153	630	800	1100	1.1
81222	110	160	38	240	915	630	850	2.45
89322	110	190	48	500	1870	600	790	6.7
89422	110	230	73	1000	3400	450	640	17.4
81124	120	155	25	160	680	800	1100	1.15
81224	120	170	39	245	965	600	800	2.7
89324	120	210	54	640	2420	550	690	9.44
89424	120	250	78	1160	4000	420	580	21.9
81126	130	170	30	183	780	700	950	1.7
81226	130	190	45	335	1250	530	700	4.2

SPHERICAL THRUST ROLLER BEARINGS



Spherical thrust roller bearings have specially designed raceways and accommodate a large number of asymmetrical rollers.

Thrust spherical roller bearings are mainly used in hydroelectric generators, vertical motors, propeller shafts for ships, reducers for rolling screws of rolling mills, tower cranes, coal mills, extruders, and forming machines.

The rollers have an optimum conformity with the washer raceways to optimize load distribution along the roller length. Therefore, they can accommodate relatively high speeds, heavy axial loads in one direction and heavy radial loads.

The bearings are separable, have a self-aligning capability and are free of any influence from mounting error or shaft deflection. At higher speeds it is necessary to apply some axial load to thrust bearings.

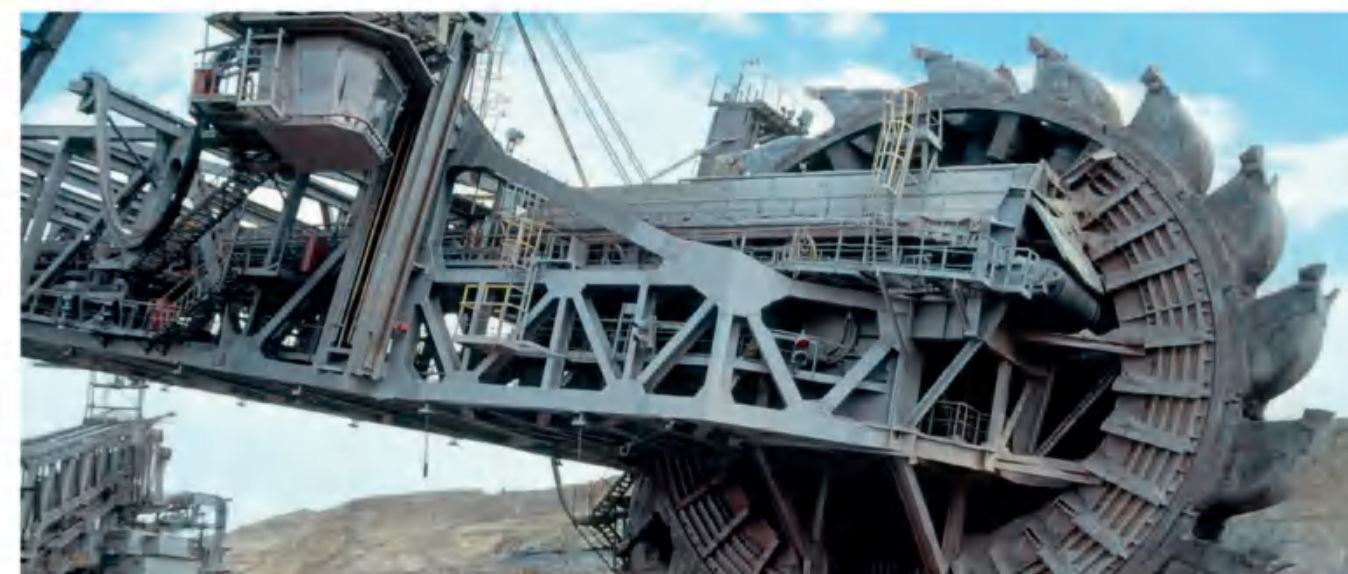


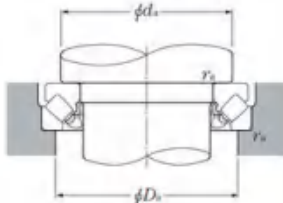
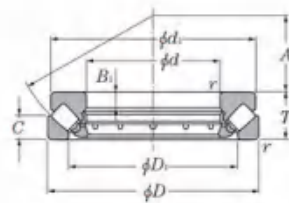
Vertical shaft drilling machines are primarily used for production and ventilation shafts and the extraction of ore, but also for installing rescue shafts. When the huge drills start running, it is important for every single machine component to be able to withstand the harsh conditions of underground mining.

Spherical thrust roller bearings with machined brass cages are used as the main bearings in drills and among other things support the weight of the drill rods and drilling forces.



High-quality WXING rolling bearings provide support for the various loading conditions during the drilling of the pilot hole (pre-drilling) and the subsequent extension drilling. This ensures that the entire process runs smoothly





Item No.	Bore diameter	Outer diameter	Width	Chamfer r min	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D(mm)	B (mm)	r min	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
29412	60	130	42	1.5	283	805	2800	5000	2.5
29413	65	140	45	2	330	945	2600	4800	3.2
29414	70	150	48	2	365	1040	2400	4300	4.1
29415	75	160	51	2	415	1190	2400	4000	4.85
29416	80	170	54	2.1	460	1380	2200	3800	5.8
29317	85	150	39	1.5	265	820	2400	4000	2.85
29417	85	180	58	2.1	490	1480	2000	3600	6.8
29318	90	155	39	1.5	285	915	2400	4000	2.93
29418	90	190	60	2.1	545	1680	1900	3400	8.1
29320	100	170	42	1.5	345	1160	2200	3600	3.85
29420	100	210	67	3	685	2310	1700	3000	11.2
29322	110	190	48	2	445	1500	1900	3200	5.6
29422	110	230	73	3	845	2620	1600	2800	14.5
29324	120	210	54	2.1	537	1770	1700	2800	7.8
29424	120	250	78	4	975	3050	1500	2600	17.8
29326	130	225	58	2.1	615	2100	1600	2600	9.5

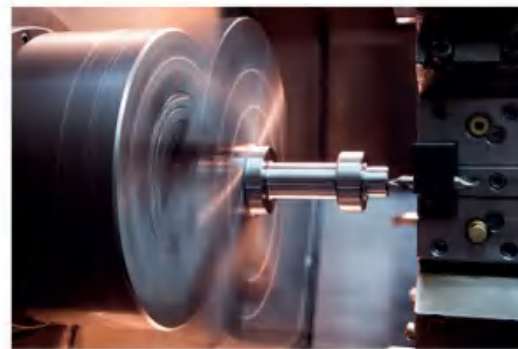
Item No.	Bore diameter	Outer diameter	Width	Chamfer r min	Basic rated load/KN		Limit speed R/min		Weight
	I.D (mm)	O.D (mm)	B(mm)	r min	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
29426	130	270	85	4	1080	3550	1300	2400	23
29328	140	240	60	2.1	685	2360	1500	2600	11
29428	140	280	85	4	1110	3750	1300	2400	24.8
29230	150	215	39	1.5	340	1340	1800	2800	4.5
29330	150	250	60	2.1	675	2390	1500	2400	11.5
29430	150	300	90	4	1280	4350	1200	2200	29
29232	160	225	39	1.5	360	1460	1700	2700	4.68
29332	160	270	67	3	820	2860	1300	2200	15
29432	160	320	95	5	1500	5150	1100	2000	35
29234	170	240	42	1.5	425	1770	1600	2300	5.9
29334	170	280	67	3	855	3050	1300	2200	15.8
29434	170	340	1.03	5	1660	5750	1100	1900	42
29236	180	250	42	1.5	450	1920	1500	2300	6
29336	180	300	73	3	995	3600	1200	2000	20
29436	180	360	109	5	1840	6200	1000	1800	51.8
29238	190	270	48	2	530	2230	1400	2200	8.6
29338	190	320	78	4	1150	4250	1100	1900	25
29438	190	380	115	5	2010	6800	950	1700	60
29240	200	280	48	2	535	2300	1400	2200	8.9
29340	200	340	85	3	1280	4600	1000	1700	30
29440	200	400	122	5	2230	7650	850	1600	71
29244	220	300	48	2	555	2480	1300	2200	9.8
29344	220	360	85	4	1390	5200	1000	1700	32.5
29444	220	420	122	6	2300	8100	850	1500	75
29248	240	340	60	2.1	825	3600	1100	1800	17

NEEDLE ROLLER BEARINGS



Needle roller bearings are roller bearings with cylindrical rollers.

The radial structure is compact, its inside diameter and bearing capacity are the same as other types of bearings, the outside diameter is the smallest. Especially suitable for support structures with limited radial mounting dimensions. Depending on the application, bearings without inner rings or needle rolling and cage components can be selected.

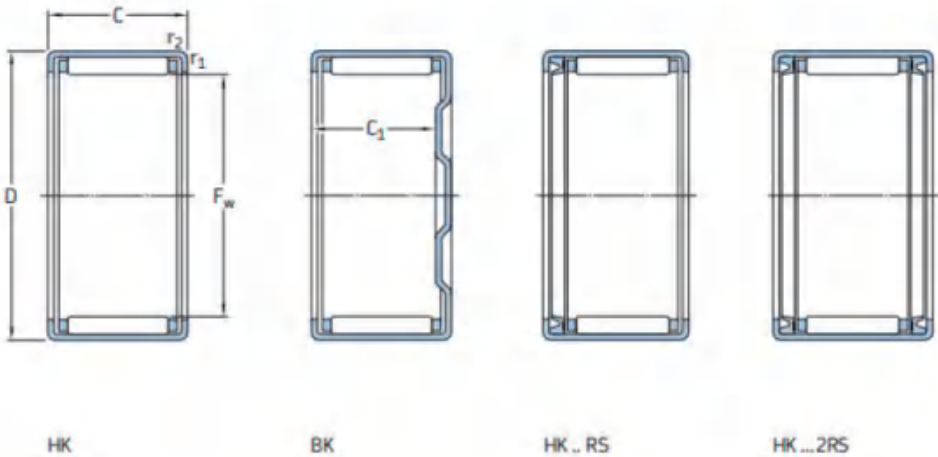


Needle bearings can be used in general engineering, such as:

- (1) open stamped outer ring needle bearings, stamped outer ring needle bearings
- (2) closed
- (3) inner ring needle bearings
- (4) no inner ring needle bearings/no inner ring needle bearings and cages
- (5) needle bearings and cages without cages.



Needle roller bearings have a small cross-sectional height therefore contribute to keeping the overall machine lightweight and compact. As such, they are used across a broad scope, including cars, motorcycles, electric machinery, machine tools, aerospace devices, office equipment and other industrial machinery.



Item No.	Bore diameter	Outer diameter	Width	Basic rated load/KN		Limit speed R/min		Weight
	Fw (mm)	O.D (mm)	C (mm)	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
HK0408TN	4	8	8	1540	1070	32000	40000	0.0016
HK0608	6	10	8	1830	1550	20000	32000	0.0021
HK0808	8	12	8	2550	2400	16000	21000	0.0027
HK0810	8	12	10	3700	3450	16000	21000	0.003
HK0910	9	13	10	4050	4250	15000	21000	0.004
HK1010	10	14	10	3900	4800	14000	19000	0.0041
HK1012	10	14	12	5000	6300	14000	19000	0.0048
HK1210	12	16	10	4100	4700	12000	19000	0.0046
HK1212	12	18	12	6200	6700	12000	15000	0.0055
HK1308	13	19	8	6200	7100	11000	14000	0.0086
HK1310	13	19	10	6200	7100	11000	14000	0.0088
HK1312	13	19	12	6200	7100	11000	14000	0.0089
HK1412	14	20	12	6800	7500	10000	14000	0.0105
HK1416	14	20	16	7300	9000	10000	14000	0.0139
HK1512	15	21	12	7000	8400	9500	13000	0.0111
HK1514	15	21	14	8500	10400	9500	13000	0.0127
HK1515	15	21	15	9100	11400	9500	13000	0.0142
HK1516	15	21	16	9800	11400	9500	13000	0.015

Item No.	Bore diameter	Outer diameter	Width	Basic rated load/KN		Limit speed R/min		Weight
	Fw(mm)	O.D(mm)	C (mm)	Dynamic load (Cr)	Static load (Cor)	Grease	Oil	Kg/pc
HK1522	15	21	22	10400	16500	9500	13000	0.0204
HK1612	16	22	12	7100	9200	9500	12000	0.013
HK1614	16	22	14	6800	9900	9500	12000	0.0138
HK1616	16	22	16	6800	14300	9500	12000	0.014
HK1622	16	22	22	9500	17400	9500	12000	0.018
HK1712	17	23	12	6800	9300	9000	10000	0.0122
HK1714	17	23	14	6800	10200	9000	10000	0.0145
HK1716	17	23	16	6800	12500	9000	10000	0.014
HK1718	17	23	18	7600	10600	9000	10000	0.02
HK1812	18	24	12	7100	9900	9000	10000	0.013
HK1816	18	24	16	7100	15300	9000	10000	0.01
HK2010	20	26	10	5900	7200	8000	9000	0.012
HK2012	20	26	12	7600	10100	8000	9000	0.01
HK2014	20	26	14	9700	13000	8000	9000	0.014
HK2016	20	26	16	11000	19000	8000	9000	0.02
HK2018	20	26	18	11000	19000	8000	9000	0.023
HK2020	20	26	20	14600	24000	8000	9000	0.0241
HK2030	20	26	30	21800	38000	8000	9000	0.035
HK2210	22	28	10	7200	9500	7500	9000	0.012
HK2212	22	28	12	8100	10400	7500	9000	0.015
HK2216	22	28	16	11400	18100	7500	9000	0.0209
HK2220	22	28	20	14500	25000	7500	9000	0.026
HK2230	22	28	30	17500	30400	7500	9000	0.03
HK2512	25	32	12	10000	14200	6700	9000	0.02
HK2514	25	32	14	13600	18700	6700	9000	0.02
HK2516	25	32	16	13600	20000	6700	9000	0.027
HK2520	25	32	20	17900	30000	6700	9000	0.03
HK2526	25	32	26	22500	42000	6700	9000	0.045
HK2816	28	35	16	15400	22500	5400	8700	0.03

PILLOW BLOCK BEARINGS



Pillow block bearing is a bearing unit that combines a rolling bearing with a bearing housing.

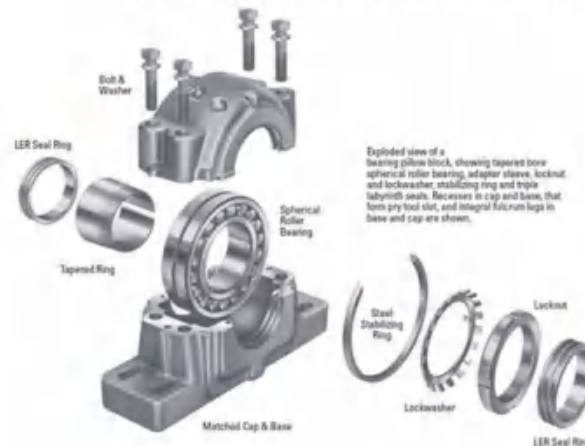
Most of the pillow block bearings are made of spherical surfaces and are mounted together with imported bearing housings with spherical inner holes. The structure is diverse, versatile and interchangeable.

PLUMMER BLOCK HOUSINGS

The bearing housing is typically cast.

- Commonly used seats are vertical seat (P)
- Square seat (F)
- Boss square seat (FS)
- Boss circular seat (FC)
- Diamond seat (FL)
- Ring seat (C)
- Slider seat (T) Wait

For example, the design features of SNL plummer block housings include a reinforced base, good cooling, relubrication facilities, etc. These features help to increase the durability and service life of the bearing housing.



LINEAR BEARINGS



As a linear motion system with high precision, low cost and low friction resistance, linear bearings have a very wide range of applications.

Linear bearings are widely used in precision equipment or special machinery industries such as electronic equipment, food machinery, packaging machinery, medical machinery, printing machinery, textile machinery, CNC machine tools, automobiles, and digital three-dimensional coordinate measuring equipment.

BALL SCREW



The ball screw bearing is composed of a screw, nut, ball, preload plate, a reverser and a dust collector. The precise coordination of these components ensures its efficient and accurate motion conversion capability.

AUTO BEARINGS



Automobile bearings include: universal joint, Tapered roller bearing, Oil seal, belt, clutch bearing, wheel hub bearing, Tensioner etc.

WHEEL HUB BEARINGS



Wheel assembly directly affects the performance and safety of the vehicle. When selecting and replacing the wheel assembly, you need to consider the material, design and performance of the tire, hub and rim.

FORKLIFT BEARINGS



Forklifts are widely used in economy, such as ports, stations, airports, factories, warehouses, etc.

They are efficient equipment for mechanized loading and unloading, stacking and short-distance transportation.

OIL SEAL



Oil seal is a mechanical component that is mainly used to prevent lubricating oil from leaking from the gap of the machine.

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Cindy

General Manager

WhatsApp WeChat
sales@wxingbearing.com
+86-15857360499
www.wxingbearing.com / www.wxinggroup.com

Bearing Jack Lee
+86-18057338723



Lisa

Sales Manager

sales1@wxingbearing.com
+86-15990302076



Linda

Sales Manager

sales2@wxingbearing.com
+86-19817070720



Summer

Sales Manager

sales3@wxingbearing.com
+86-13806712084



Oliya

Sales Manager

sales1@bearing-wxing.com
+86-13185399288