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BEARINGS

Product Manual

SHANDONG TEFULE BEARING CO.,LTD

SPHERICAL ROLLER BEARING

Spherical roller bearing locates between the inner ring with two grooves and the outer ring with a spherical surface. The product assembles the drum-shaped roller. It has two rows of rollers mainly bearing radial load and the axial load in either direction. Our product has a high radial load capacity which is especially suitable for heavy load or vibration load. But it is unable to bear the pure axial load.

Spherical roller bearing has good aligning performance and can compensate the coaxial error due to its spherical surface of the outer ring. We have different types of products according to the retainer material, such as CA brass cage spherical roller bearing, CC steel cage spherical roller bearing and E cage spherical roller bearing.

CA brass cage spherical roller bearing has good wear resistance, good dimensional stability and good mechanical strength with a maximum using temperature of 300°C. It is widely used in rolling mill, roll crusher, vibrating screen, printing machinery, woodworking machinery and various types of industrial reducer. The product locates between the inner ring with two grooves and the outer ring with a spherical surface it assembles the drum-shaped roller. Its curvature of the center of the outer ring raceway is the same with the bearing, thus owning the same aligning function with the automatic self-aligning ball bearing.

CC steel cage spherical roller bearing has much higher rated load than traditional products, and it has a wide range of applications and a long lifespan. It is mainly used in paper making machinery, speed reducer, railway vehicle axle and rolling mill gear box, etc.

E cage spherical roller bearing has a high load capacity and a low torque. It can withstand multi-directional force and has high speed and large bearing capacity. The product consists of a symmetrical spherical roller and two pieces of stamped steel cage. It will generally add 2 or 4 rollers, thus greatly improving the radial rated dynamic load of bearings which usually can improve the rated dynamic load about 15%-30%. Our products have the advantages of simple structure, high load capacity, low friction torque, low noise and long lifespan. Currently, we have different types of E cages including 22212 , 22213 , 22215 , 22216 , 22217 , 22218 , 22220 , 22222 , 22224 , 22226 , 22312 , 22314 , 22315 , 22316 , 22318 , 22320 and 22322 , etc.

Spherical roller bearings are widely used in areas including paper making machinery, speed reducer, railway vehicle axle, rolling mill gear box bearing, rolling mill roller, roll crusher, vibrating screen, printing machinery, woodworking machinery, various types of industrial reducer and vertical ball bearings.

Meanwhile, we can provide picture, technical parameter, material, packaging and other related information for customers.

As an experienced spherical roller bearing manufacturer in China, we offer a wide range of products that includes inch tapered roller bearing, double row angular contact ball bearing, full complement cylindrical roller bearing, and wheel bearing, among others.



SPHERICAL ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
40	80	23	22208CA	75	84	5000	6700	0.536
40	80	23	22208CC	75	84	5000	6700	0.536
40	90	33	22308CA	108	125	3900	5200	1.04
40	90	33	22308CC	108	125	3900	5200	1.04
45	85	23	22209CA	80	91.2	4700	6400	0.6
45	85	23	22209CC	80	91.2	4700	6400	0.6
45	100	36	22309CA	138	160	3500	4500	1.42
45	100	36	22309CC	138	160	3500	4500	1.42
50	90	23	22210CA	83	96.7	4400	6100	0.64
50	90	23	22210CC	83	96.7	4400	6100	0.64
50	110	40	22310CA	177	200	3100	4200	1.88
50	110	40	22310CC	177	200	3100	4200	1.88
55	100	25	22211CA	101	118	4000	5600	0.85
55	100	25	22211CC	101	118	4000	5600	0.85
55	120	43	22311CA	213	245	3000	3800	2.43
55	120	43	22311CC	213	245	3000	3800	2.43
60	110	28	22212CA	125	153	3700	4800	1.18
60	110	28	22212CC	125	153	3700	4800	1.18
60	130	46	22312CA	241	278	2600	3500	3.01
60	130	46	22312CC	241	278	2600	3500	3.01
65	120	31	22213CA	149	186	3300	4500	1.61
65	120	31	22213CC	149	186	3300	4500	1.61
65	140	48	22313CA	251	291	2500	3300	3.53
65	140	48	22313CC	251	291	2500	3300	3.53
70	125	31	22214CA	155	192	3100	4200	1.7
70	125	31	22214CC	155	192	3100	4200	1.7
70	150	51	22314CA	300	360	2400	3000	4.35
70	150	51	22314CC	300	360	2400	3000	4.35
75	130	31	22215CA	162	205	3000	3900	1.77
75	130	31	22215CC	162	205	3000	3900	1.77
75	160	55	22315CA	342	432	2200	2900	5.51
75	160	55	22315CC	342	432	2200	2900	5.51
80	140	33	22216CA	170	224	2800	3800	2.194
80	140	33	22216CC	170	224	2800	3800	2.194
80	170	58	22316CA	384	490	2100	2800	6.56
80	170	58	22316CC	384	490	2100	2800	6.56
85	150	36	22217CA	210	270	2700	3700	2.74
85	150	36	22217CC	210	270	2700	3700	2.74
85	180	60	22317CA	421	530	2000	2600	7.42
90	160	40	22218CA	250	340	2500	3400	3.48
90	160	40	22218CC	250	340	2500	1800	3.48
90	190	64	22318CA	486	623	1900	3400	8.88

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Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
90	190	64	22318CC	486	623	1900	3400	8.88
95	170	43	22219CA	280	375	2400	3200	4.35
95	170	43	22219CC	280	375	2400	3200	4.35
95	200	67	22319CA	495	646	1700	2200	10.4
95	200	67	22319CC	495	646	1700	2200	10.4
100	180	46	22220CA	310	415	2200	3100	5.12
100	180	46	22220CC	310	415	2200	3100	5.12
100	215	73	22320CA	605	789	1600	2100	13.3
100	215	73	22320CC	605	789	1600	2100	13.3
110	200	53	22222CA	405	562	2000	2700	7.68
110	200	53	22222CC	405	562	2000	2700	7.68
110	240	80	22322CA	714	904	1500	2000	18.24
110	240	80	22322CC	714	904	1500	2000	18.24
120	215	58	22224CA	475	652	1900	2500	9.065
120	215	58	22224CC	475	652	1900	2500	9.065
130	230	64	22226CA	850	1130	1400	1800	23.412
140	210	69	24028CA	475	875	1700	2200	8.36
140	250	68	22228K	635	890	1700	2200	14.8
140	250	68	22228CA	640	950	1700	2200	15.8
140	250	88	23228CA	805	1253	1200	1600	18.8
140	300	102	22328CA	1128	1534	1100	1500	36
150	225	56	23030CA	446	763	1700	2200	7.73
150	250	80	23130CA	743	1232	1400	1800	17.3
150	270	73	22230CA	725	1048	1600	2000	18
150	270	96	23230CA	953	1522	1100	1500	18.7
150	320	108	22330CA	1300	1713	1000	1400	43.8
160	240	60	23032CA	495	841	1700	2200	9.74
160	240	80	24032CA	650	1180	1100	1500	13
160	270	86	23132CA	798	1288	1300	1700	20.5
160	270	109	24132CA	1008	1730	700	900	24
160	290	80	22232CA	838	1220	1500	1900	22.5
160	290	80	22232CAK	838	1220	1500	1900	22
160	290	104	23232CA	1100	1765	1000	1400	35.7
160	340	114	22332K	1368	1814	950	1300	49.1
160	340	114	22332CA	1375	1872	950	1300	51.1
170	260	67	23034CA	570	1030	1600	2000	13.6
170	280	88	23134CA	864	1423	1200	1600	22.1
170	280	109	23134CAK	993	1656	670	850	26.5
170	310	86	22234K	964	1383	1300	1700	38.8
170	310	86	22234CA	1100	1430	1300	1700	39.2
170	310	110	23234CA	1180	1830	950	1300	37.6
170	360	120	22334K	1480	2125	950	1300	58.6

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Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
170	360	120	22334CA	1500	2150	950	1300	61.2
180	280	74	23036CA	765	1250	1400	1800	17.5
180	280	74	23036CAK	765	1250	1400	1800	17.2
180	280	100	24036CA/W33	914	1665	9501100	1300	22.8
180	300	96	23136CA	1000	1701	1100	1500	25.9
180	300	96	23136CAK	1000	1701	630	1500	25
180	300	118	24136CA	1169	2036	1300	800	32.8
180	320	86	22236K	956	1409	1300	100	30
180	320	86	22236CA	993	1493	1300	700	32.3
180	320	86	22236CAK	993	1493	1300	1700	31.6
180	320	112	23236CA	1269	2048	900	1200	42.8
180	380	126	22336CA	1686	2412	900	1200	72.6
190	290	75	23038CA	740	1395	1300	1700	18.1
190	290	100	24038CA/W33	940	1740	950	1300	23.8
190	320	104	23138K	1200	2000	1000	1400	34
190	320	128	24138CAK/W33	1355	24330	600	750	42.1
190	340	92	22238CA	1097	1643	1200	1600	40.7
190	340	92	22238CAK	1097	1643	1200	1600	40.3
190	340	120	23238CA	1455	2410	850	1100	48.3
190	400	132	22338CA	1820	2600	850	1100	83.2
200	310	82	23040CA	900	1610	1200	1600	24.1
200	340	112	23140K	1123	2052	950	1300	44
200	340	140	24140CA	1482	2634	560	700	52.3
200	360	98	22240K	1250	1950	1100	1500	42.5
200	360	98	22240CA	1260	2000	1100	1500	43.9
200	360	98	22240CAK	1260	2000	1100	1500	43.3
200	360	128	23240CA	1630	2680	850	1100	57.9
200	360	128	23240CAK	1630	2680	850	1100	56
200	420	138	22340CAK	1870	2730	850	1100	89.5
220	340	90	23044CAK	1025	1900	1100	1500	30.8
220	370	120	23144CCK	1320	2430	900	1200	54.6
220	370	120	23144CA	1470	2460	900	1200	54.4
220	370	120	23144CAK	1470	2460	900	1200	54.1
220	400	108	22244K	1500	2290	950	1300	61
220	400	108	22244CAK	1480	2230	950	1300	59.5
220	460	145	22344CA	2315	3400	750	950	118.8
240	360	92	23048K	1050	2110	1000	1400	34
240	360	92	23048CA	1100	2150	1000	1400	34
240	360	118	24048CAK	1370	2680	800	1000	45.1
240	400	128	23148K	1590	2960	850	1100	66.3
240	400	128	23148CA	1685	3000	850	1100	66.4
240	400	128	23148CAK	1685	3000	850	1100	64.3

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Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
240	400	160	24148CA	2050	2770	480	600	91.4
240	440	120	22248CAK	1815	2865	900	1200	83
240	440	160	23248CAK/W33	2385	3985	670	850	111.5
240	500	155	22348CA	2700	4000	430	530	149
260	360	75	23952CA	860	1670	1100	1500	23.3
260	400	104	23052K	1395	2525	900	1200	48.5
260	400	104	23052CA	1410	2560	900	1200	48.7
260	440	144	23152K	1935	3650	800	1000	90
260	440	144	23152CA	2130	3780	800	1000	93.2
260	440	180	24152CA	2405	4375	430	530	109
260	480	130	22252CA	2170	3420	850	1100	106
260	480	130	22252CAK	2170	3420	850	1100	104
260	480	174	23252CA	2795	4690	630	800	149
260	480	174	23252CAK	2795	4690	630	800	145
280	540	165	22352CA	2950	4480	630	800	186
280	380	75	23956CA	830	1650	1000	1400	25
280	420	106	23056CA	1510	2860	850	1100	52.7
280	420	106	23056CAK	1510	2860	850	1100	52
280	460	146	23156CA	2320	4230	750	950	404.5
280	460	146	23156CAK	2320	4230	750	950	101.3
280	460	180	24156CA	2510	4625	400	500	120
280	500	130	22256CA	2140	2450	800	1000	108
280	500	130	22256CAK	2140	2450	800	1000	107
280	580	175	22356K	3445	5240	600	750	222
280	580	175	22356CA	2450	5250	600	750	228
300	460	118	23060K	1615	31403	800	1000	69
300	460	118	23060CA	1800	3300	800	1000	72.7
300	460	160	24060CA	2315	4640	600	750	94.7
300	500	160	23160CA	2630	4730	670	850	135
300	500	160	23060CAK	2630	4730	670	850	131
300	500	200	24160CA	3060	5740	530	670	159
300	500	200	24160CAK	3060	5740	530	670	157
300	540	150	22260CA/W33	2630	4220	750	950	148
300	540	192	23260CA	3270	5620	530	670	202
300	580	185	22360CAX1	3400	5510	500	630	229
320	480	121	23064CA	1920	3690	800	1000	78.8
320	480	121	23064CAK	1920	3690	800	1000	76.4
320	480	160	24064CA	2360	4830	560	700	107
320	480	160	24064CAK	2360	4830	560	700	105.7
320	540	176	23164	3135	5730	630	800	187
320	540	176	23164CA	3150	5730	630	800	175
320	540	176	23164CAK	3150	5730	630	800	170

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
320	540	218	24164CA	3645	6930	500	630	208
320	580	208	23264CA	3830	6650	500	630	253
320	580	208	23264CAK	3830	6650	500	630	244
340	520	133	23068K	2200	4200	700	900	98
340	520	133	23068CA	2200	4200	700	900	99.7
340	520	133	23068CAK	2200	4200	700	900	96.6
340	520	180	24068CAK	2780	5720	530	670	138
340	580	190	23168K	3430	6155	600	750	225
340	580	190	23168CA	3560	6420	600	750	213
340	580	190	23168CAK	3560	6420	600	750	208
360	480	90	23972CA	1240	2765	850	1100	46
360	540	134	23072	2270	4440	670	850	115
360	540	134	23072CA	2330	4570	670	850	111
360	540	134	23072CAK	2330	4570	670	850	108
360	540	180	24072CA	2930	6120	560	700	143
360	600	192	23172K	3440	6540	560	700	209
360	600	243	24172CAK	4300	8350	450	560	287
360	620	224	23272CAF	4220	7910	450	560	288
360	650	232	23272CAK	4600	8115	400	500	280
360	750	224	22372CA	5640	8990	400	500	492
380	560	135	23076K	2370	4770	630	800	122
380	560	135	23076CA	2380	4800	630	800	115
380	560	135	23076CAK	2380	4800	630	800	111
380	560	180	24076CA	2990	6570	480	600	160
380	620	194	23176CAK	3680	7200	400	500	242
400	600	148	23080CA	2850	5600	600	750	155
400	600	148	23080CAK	2850	5600	600	750	146
400	600	200	24080CA	3520	7530	450	560	202
400	650	200	23180K	3745	7600	380	480	256
400	650	200	23180CAK	3820	7650	380	480	270
420	560	106	23984CA	1830	3470	600	750	73.5
420	620	200	24084CA	3780	8210	380	480	210
420	620	200	24084CAK	3780	8210	380	480	207
420	700	224	23184CA	4950	9360	360	450	355
420	760	272	23284CAK	6025	11190	320	400	531
440	720	226	23188CA	5095	9870	340	430	364
440	790	280	23288CA	7110	13170	300	380	610
460	760	240	23192CA	5520	10580	320	400	451
460	830	296	23292CAK	7310	13760	300	280	695

TAPERED ROLLER BEARING

Tapered roller bearings consist of inner ring, roller, cage and outer ring which can all be installed and separated respectively. The product can withstand heavy radial and axial load, and it can be divided into single row tapered roller bearing, double row tapered roller bearing and four row tapered roller bearing according to the row number of roller.

Single row tapered roller bearing is suitable for conditions with radial load and axial load and its synthetic load, and comes with large load capacity. If the contact angle is bigger, the product has the large axial load capacity. Generally, two sets of bearings are used in pairs. Meanwhile, our product is divided into metric series and inch series.

The outer ring or inner ring of double row tapered roller bearing is whole. The two inner rings or outer rings have similar small end face and own a space ring between them. The clearance and external surplus can both be adjusted by the thickness of the space ring.

Double row tapered roller bearing has various structures which 35000 type of product has the maximum structures. Our product has a double raceway outer ring and two inner rings. There is a space ring between the two inner rings which can adjust the clearance according to its thickness. The product can bear two-way axial load when it bears radial load at the same time. In addition, our product can limit the axial displacement of the shaft and the shell in the range of axial clearance of bearings. Double row tapered roller bearing is widely used in the applications of general industries and automobiles.

Four row tapered roller bearing is successfully used in the bearings of the rolling mills with a low to medium rolling speed around the world. The bearing can not only bear radial load, but also bear the axial load appeared in the applications due to its design, and the bearing generally does not need additional thrust bearing. This means that the roll neck can be relatively short, and the roll bearing seat on both sides of the roll neck can adopt the same design. In terms of the design of the product, the bearing must be installed as complete bearing mounted on the roller bearing seat.

Inch tapered roller bearing comes from the British and American country. Its dimensions are measured in inches. Its structure, assembly size precision and rotating precision are different from the metric bearing. The product is mainly used for the import of machinery or industry with special needs. Its structure type

TAPERED ROLLER BEARING

Consists of single row, double row and four row tapered roller bearing.

TFL brand tapered roller bearing is widely used in the industries of car, rolling mill, mining, metallurgy and plastics machinery industry. Meanwhile, we can provide picture, technical parameter, material, packaging and other related information for customers.



TAPERED ROLLER BEARING

Single Row Tapered Roller Bearing

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	
150	210	31	32930	200	385	1500	2000	4.56
150	225	38	32030	255	455	1400	1900	6.85
150	225	36	32030E	356	610	1400	1900	6.4
150	270	38	30230	490	680	1300	1800	11
150	270	60	32230	7530	1175	1200	1700	18.7
150	320	55	30330	840	1085	1100	1600	25.2
150	320	90	32330	1275	1865	950	1400	42.7
160	220	31	32932	215	400	1300	1800	3.8
160	240	41	32032X2	400	675	1100	1600	7.7
160	290	40	30323	530	730	1100	1600	13.4
160	290	67	32232	890	1420	1100	1600	23.4
160	340	58	30332	930	1210	1000	1500	28.3
160	340	54	-	750	1080	1000	1500	30
160	340	95	32332	1400	2230	1000	1500	51.7
160	340	50.3	-	800	1060	1000	1500	40.7
170	230	31	32934	255	460	1400	1900	4
170	260	46	32034	440	774	1400	1900	10.1
170	360	62	30334	1040	1360	1100	1600	11.7
170	360	100	32334	1530	2315	950	1400	60.3
180	250	34	32936	335	685	1000	1500	6.54
180	280	48	32036	600	1035	950	1400	14
180	280	52	32036X2	540	900	950	1400	13.4
180	280	48	-	490	920	950	1400	15.6
180	320	43	30236	540	825	950	1400	17.8
180	320	71	32236	1040	1710	950	1400	30
180	380	64	30336	1120	1500	900	1300	45.5
190	260	34	32938	315	690	1100	1400	6.8
190	260	36	32938X2	350	700	1100	1600	6.25
190	290	40	31038	350	610	950	1400	10.5
190	290	52	32038	475	880	950	1400	15.3
190	340	46	30238	700	980	950	1400	21.4
190	340	75	32238	1160	1880	950	1300	35.8
200	280	41	32940	350	745	1000	1500	8.8
200	310	53	32040	730	1300	950	1400	19
200	310	56	32040X2	550	1050	950	1400	17.6
200	360	48	32040	710	1100	900	1300	25.4
200	360	82	32240	1375	2205	900	1300	43.5
220	300	41	32944	355	840	950	1400	10.1
220	340	57	32044	835	1490	900	1300	24.3
220	340	62	32044X2	710	1335	900	1300	23.3
220	400	54	30244	990	1460	900	1300	35.1
220	400	90	32244	1660	2640	900	1300	58.9

TAPERED ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
240	320	41	32948	355	770	900	1300	10.8
240	360	57	32048	850	1555	850	1200	25.8
240	360	62	32048X2	700	1410	850	1200	23.8
240	440	100	32248	1870	2960	850	1100	79.1
254	422.27	66.7	-	1010	1760	850	1200	45.4
260	360	48	32952	665	1410	800	1100	18.8
260	360	52	32952X2	530	1200	800	1100	19.2
260	400	65	32052	1130	2090	800	1100	37.8
260	400	71	32052X2	1060	1935	800	1100	36.8
260	480	106	32252	2220	3775	750	1000	100
260	540	85	30352	2115	2940	670	900	111.3
260	540	85	30352X2	1950	2755	670	900	111.8
280	380	48	32956	680	1490	800	1100	20
280	380	52	32956X2	545	1255	800	1100	21.3
280	420	65	32056	1150	2175	750	1000	40
280	420	71	32056X2	990	1975	750	1100	39.6
300	420	62	32960	650	1810	700	950	30.2
300	460	74	32060	1445	2720	700	950	56.5

Double Row Tapered Roller Bearing

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
100	180	112	352220	630	45	1700	2200	11.3
105	190	117	352221	720	1210	1600	2100	13.7
110	180	95	352122	480	860	1600	2100	8.63
110	180	95	352122K	480	860	1600	2100	8.57
110	200	124	352222K	620	1150	1500	2000	16.5
120	200	110	352124	605	1060	1400	1900	12.7
120	215	132	352224	700	1390	1400	1900	19.1
120	215	132	352224K	700	1390	1400	1900	19.2
130	180	70	352926	260	565	1400	1900	4.87
130	200	95	352026	440	870	1300	1800	9.72
130	210	110	352126	550	1070	1300	1700	13.9
130	230	149	352226EK	890	1760	1300	1700	37.4
130	230	149	35222EY	840	1700	1300	1700	25.6
140	210	95	352028	455	950	1200	1700	8.36
140	225	115	35218	580	1180	1200	1700	15.5

TAPERED ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
140	250	153	252228	1150	2080	1200	1600	31
150	210	80	352930	350	800	1200	1500	9.23
150	250	138	352130	855	1560	1100	1500	25.5
150	270	169	352230EK	1160	2330	1100	1500	39.4
160	220	82	352932	380	860	1100	1500	8.15
160	240	116	352032	675	1350	1100	1400	17.1
160	270	140	352132X2	970	1930	1000	1400	31.8
160	270	150	352132	955	1715	1000	1400	32.1
160	290	180	352232	1370	2558	920	1200	48.9
170	230	82	352934	460	1060	1000	1400	8.35
170	260	120	352034	755	1550	1000	1300	16.1
170	280	150	352134	1060	1995	950	1300	35.5
180	250	95	352936	505	1060	1000	1300	13.4
180	280	142	352036	1025	2065	940	1300	29.3
180	300	164	352136	1190	2295	890	1200	43.4
180	320	190	352236	1535	2765	890	1200	58.1
180	320	192	352236X2	1390	2750	980	1200	60
190	260	95	352938	550	1450	940	1300	13.3
190	260	102	352938X2	580	1500	940	1300	14.4
190	290	134	352038	845	1860	890	1200	28.8
190	320	170	352138	1420				
200	280	110	352940	680	1550	900	1200	18.1
200	310	152	352040X2	995	2070	840	1100	38.7
200	310	154	352040	1250	2600	840	1100	40.9
200	340	184	352140	1650	3400	800	1100	63.8
200	360	218	352240	2240	4230	800	1100	90.9
220	300	110	352944	640	1720	810	1100	21.2
220	340	165	352044X2	1365	2745	760	1000	49.3
220	340	166	352044	1435	2990	760	1000	42.7
220	370	195	352144	1705	3255	760	1000	78.1
240	320	105	352948	605	1590	760	1000	23
240	320	110	352948X2	685	1585	760	1000	52.8
240	360	165	352048	1330	2890	760	100	97.7
240	400	210	352148	2065	4065	690	920	28.3
260	360	134	352952X2	1060	2580	670	900	38.6
260	400	186	352052	1755	3760	630	840	74.5
260	440	225	352152	2190	4750	580	820	820
280	380	134	352956	935	2650	620	770	44
280	420	186	352056	1920	4000	580	770	81.5
300	420	160	352960X2	1505	3615	580	740	60.8
300	460	210	352060	2270	4890	560	710	117
300	500	205	351160	2090	4450	530	710	141

TAPERED ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
320	480	210	352064	2470	5520	530	710	129
330	420	100	350666	905	2325	530	710	30.3
340	460	160	352968X2	1400	4050	500	660	71
340	460	166	352968	1625	4250	500	660	73.8
340	520	180	351068	2020	3995	460	620	118.2
340	580	242	351168	3400	6600	460	620	228
360	480	160	352972	1490	2240	510	680	74.7
360	540	185	351072	2280	4770	460	620	127.7
360	540	220	352072	2510	5860	460	620	162
360	600	242	351172	3100	6800	400	520	221
380	520	145	351976	1510	3800	530	710	78.8
380	560	190	651076	2620	4300	410	540	135.2
380	620	242	351176	3100	6850	410	5540	250
400	600	206	351080	1800	4250	410	540	179
400	650	255	351180	3300	7400	360	480	279
420	560	145	351984	1630	3680	410	540	87.4
420	620	206	351084	2710	5985	360	480	188.8
420	700	275	351184	4030	9150	360	480	376
480	650	180	351996	1950	5150	360	480	159
500	670	180	3519/500	2360	6700	410	540	158

Four Row Tapered Roller Bearing

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
260	360	265	382952	1920	4590	450	560	76.3
260	400	345	382052	3750	7950	430	530	153
280	460	324	381156	4100	7850	360	450	200
300	420	300	382960	2253	4702	380	480	130
300	460	390	382060	3234	6832	360	450	238
300	500	370	381160	3654	6776	340	430	285
320	480	380	382064/YB2	3234	8296	340	430	234
340	460	310	382968	2478	5782	340	430	145
340	520	325	380068	2898	5872	320	400	234
340	580	425	381168	4236	8450	280	360	441
360	540	325	380072	3388	6524	300	380	248
380	560	325	380076	3066	5754	280	380	281
380	620	420	381176	5082	9604	240	360	519

TAPERED ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
400	600	356	380080	2618	6762	240	320	317
420	620	356	380084	3948	7616	220	300	358
420	700	480	381184	7308	12360	190	260	760
440	650	376	380088	4326	9072	200	280	401
460	620	310	381992	3402	7350	200	280	173
460	680	410	380092	5665	11235	180	240	476
480	650	338	381996	3390	10500	190	260	301
480	700	420	380096	5922	12600	170	220	547
500	720	420	3800/500	5950	12768	160	200	565
530	780	450	3800/530	7602	15960	140	180	744
530	870	590	3811/530	10038	20300	120	160	1422
560	750	368	3819/560	4424	10374	140	180	456
560	920	620	3811/560	12138	20300	100	140	1635
600	800	380	3819/600	4728	11652	120	160	536
600	870	480	3800/600	7212	15960	100	140	995
600	980	650	3811/600	11808	24480	90	120	1970
630	850	418	3819/630	7472	17600	100	140	720
630	920	515	3800/630	9975	20860	95	130	1158
630	1030	670	3811/630	10755	31080	85	110	2170
670	900	412	3819/670	7545	17360	95	130	959
670	1090	710	3811/670	15700	39900	75	95	2665
710	1030	555	3800/710	9828	22560	75	95	1568
710	1150	750	3811/710	15840	33960	67	85	3227
750	1090	605	3800/750	11580	26760	70	90	1880
750	1220	840	3811/750	18590	41470	48	80	3994
950	1360	880	3820/950	17000	44200	48	80	4087
1060	1500	1000	3820/1060	21300	56300	48	80	5698

Inch Tapered Roller Bearing

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
92.075	152.4	63.55	598/592DC	297	547	1800	2400	5.74
96.938	188.912	31.75	90.81/90744K	466	702	1800	2400	11.6
101.6	168.275	69.85	687/672D	357	648	1800	2400	8.18
101.6	190.5	101.6	861/854D	606	1020	1800	2400	15.6
127.792	228.6	84.138	HM926749 /HM926710D	70	1142	1400	1900	18.9

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
130	280	44	31326X.K11 .A160.200	1086	1649	1400	1900	40.4
140	2000	73.025	442210	422	917	1300	1700	9.2
140	3000	47	31328X.K11. A180.230	1244	1910	1300	1700	51
146.05	254	111.125	99575/99102CD	967	1887	1300	1700	28
150	320	50	31330X.K11. A180.230	1414	2196	1200	1500	59.6
165.1	225.425	69.85	NA46790 /SW/46720CD	400	1120	1150	1400	10.5
173	350	58	173KH350+K	1500	2550	1000	1300	70.7
177.8	288.925	47.625	HM237546DW /HM237510	1085	2050	940	1300	32
203.2	276.255	73.025	LM241149NW /LM241110D	590	135	940	1300	14.9
203.2	292.1	84.138	M541349 /M541310D	825	1710	940	1300	21.9
220	340	80.000.39.000	220KBE30+L	725	1178	840	1100	30.8
249.25	381	127	EE126098 /126151CD	1407	3066	690	920	63.4
253.975	347.662	69.85	LM249747NW /LM249710D	775	1650	630	840	23.8
279.4	457.2	106.363	HH255149D /HH255110	3670	8440	580	770	181
279.4	457.2	94	45T564624T	2743	5863	580	770	166.5
303.212	495.3	114.3	HH258249TD /HH258210	4023	9363	500	660	223.8
304.81	393.7	82.55	L357049NW /L357010CD	905	2260	500	660	30.6
305.07	500	60	332169A	2100	4300	500	660	147.7
342.9	457.089	101.6	LM961548 /LM961511D	1254	3411	480	630	60.4
355.6	444.5	111.125	L163149 /L163110CD	1133	3538	420	560	44.6
355.6	501.65	107.95	NA231400 /231976CD	17/62	3853	410	540	88
368.249	523.875	169.862	HM265049 /HM565010D	2714	6903	410	540	143
368.3	523.875	79.357	HM265049TDS /HM265010S	3165	7555	410	540	134.3
447.675	635	95.25	M270749ADW /M270710	4317	11416	320	440	239
498.475	634.873	142.875	EE243196 /243251CD	2356	6893	320	440	132.2

ANGULAR CONTACT BALL BEARING

Angular contact ball bearing can bear radial load and axial load, and it can work under high speed. If the contact angle is bigger, the axial bearing capacity will be higher. Contact angle of bearing with high precision and high speed is typically 15 degrees. In addition, contact angle will increase under the action of axial force.

Since the raceway of the inner and outer ring has relative displacement in the horizontal axis, angular contact ball bearing can withstand the combined load of radial load and axial load. Its cages are made of brass, synthetic resin, etc. The products can be divided into single row, double row and four point angular contact ball bearing based on its structure and number of columns of rolling element.

Single row angular contact ball bearing can only withstand one direction of the axial load. The rolling body load line and radial load line is not in the same radial plane generating an internal axial force, so the product must be installed in pairs. Its structure can be divided into separation type, non-separation type and paired configuration.

Double row angular contact ball bearing can withstand the combined load of mainly radial and axial load and torque load. It is mainly used in the shaft and shell component which restricts the bidirectional axial displacement. Our product has limited tilt between the inner ring and outer ring. The range of tilt angel depends on the bearing internal clearance, the bearing size, internal design and the forces and moments acting on the bearing. The maximum allowable tilt angle should ensure that the bearing does not produce high additional stress. However, the tilt angle will affect the bearing lifespan, decline the bearing running accuracy and magnify running noise.

Four point angular contact ball bearing consists of a outer ring with peach-shaped groove, double half inner rings and steel and copper ball cage. It is mainly used in the machine tools, rolling mill rolls and large diesel engine gear boxes as supports bearing greater thrust load.

QJ four point angular contact ball bearing is a kind of bidirectional single row angular contact ball bearing. As a result of the special design of the groove in the inner and outer ring, it has two contact points with 35°or 45°contact angle between every groove and ball, and so the product can bear bidirectional axial load. It has high limited speed and is suitable for the high-speed operation. It allows the

ANGULAR CONTACT BALL BEARING

bearing to load a number of balls due to its combined inner ring with double half rings, thus giving a higher load bearing capacity.

TFL bearing is a professional angular contact ball bearings manufacturer in china. We provide a broad range of products, including cylindrical roller bearing, pillow block bearing, rolling mill bearing, wheel bearing, and more.



ANGULAR CONTACT BALL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	
150	210	28	71930C	113	131	2600	3400	2.8
150	210	28	71930AC	107	126	2600	3400	2.8
150	225	35	7030C	155	171	2400	3200	4.5
150	225	35	7030AC	147	162	2400	3200	4.5
150	225	35	7030B	107	119	2400	3200	4.5
150	270	45	7230AC	190	270	2000	2600	12
150	270	45	B7230AC	190	270	2000	2600	12
150	270	45	7230B	176	202	2000	2600	12
150	320	65	7330AC	280	430	1800	2400	26
150	320	65	7330B	245	380	1800	2400	26
160	220	28	71932C	117	144	2400	3200	2.9
160	220	28	71932AC	112	138	2400	3200	2.9
160	240	38	7032C	176	195	2200	3000	6
160	240	38	7032AC	164	184	2200	3000	6
160	240	38	B7032AC	164	184	2200	3000	6
160	240	38	7032B	129	150	2200	3000	6
160	290	48	7232C	200	300	1800	2400	14
160	290	48	7232AC	190	280	1800	2400	14
160	290	18	7232B	180	215	1800	2400	14
160	340	68	7332B	260	400	1700	2200	32
170	230	28	71934C	120	150	2200	3000	3
170	230	28	71934AC	112	145	2200	3000	3
170	260	42	7034C	191	221	2200	2800	8.5
170	260	42	7034AC	180	210	2200	2800	8.5
170	260	42	7034B	155	185	2200	2800	8.5
170	310	52	7234C	250	300	1800	2400	18.2
170	310	52	7234AC	235	290	1800	2400	18.2
170	310	52	B7234AC	235	290	1800	2400	18.2
170	310	52	7234B	200	245	1800	2400	18.2
170	360	72	7334B	325	410	1500	2000	36
180	250	33	71936C	152	191	220	2800	4.5
180	250	33	71936AC	145	180	2200	2800	4.5
180	280	46	7036C	218	261	2000	2600	11
180	280	46	7036AC	207	276	2000	2600	11
180	280	46	7036B	176	216	2000	2600	11
180	320	52	7236C	250	320	1700	2200	19
180	320	52	7236AC	240	300	1700	2200	19
180	320	52	7236B	226	288	1700	2200	19
180	380	75	7336B	334	441	1500	2000	44
190	260	33	71938C	155	200	2200	2800	4.5
190	260	33	71938AC	150	190	2200	2800	4.5
190	290	46	7038C	225	270	2000	2600	11

ANGULAR CONTACT BALL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
190	290	46	7038AC	215	260	2000	2600	11
190	290	46	7038B	180	230	2000	2600	11
190	340	55	7238B	250	320	1500	2000	22
190	400	78	7338B	270	505	1400	1900	49
200	280	38	71940C	190	240	2000	2600	7.5
200	280	38	71940AC	180	225	2000	2600	7.5
200	310	51	7040C	270	355	1800	2400	14.5
200	310	51	7040AC	255	330	1800	2400	14.5
200	360	58	7240C	280	370	1500	2000	27
200	360	58	7240AC	270	350	1500	2000	27
200	360	58	7240B	240	320	1500	2000	27
200	420	80	7340B	405	590	1400	1800	53
220	300	68	71944C	200	270	1800	2400	8
220	300	68	71944AC	190	260	1800	2400	8
220	340	56	7044C	305	410	1700	2200	19.56
220	340	56	7044AC	290	400	1700	2200	19.5
220	340	56	7044B	230	315	1700	2200	19.5
220	400	65	7244AC	320	450	1400	1800	37.5
220	400	65	7244B	290	420	1400	1800	37.5
220	460	88	7344B	445	650	1200	1600	70
240	320	38	71948AC	195	270	1700	2200	9
240	360	56	7048C	315	445	1500	2000	21
240	360	56	7048AC	300	420	1500	2000	21
240	360	56	7048B	235	340	1500	2000	21
240	440	72	7248B	330	490	1200	1600	49
240	500	95	7348B	430	605	1100	1400	88
260	360	46	71952AC	200	380	1400	1900	15
260	480	80	7252B	460	710	1100	1400	66
280	380	46	71956AC	230	345	1400	1800	15.8
280	420	65	7056C	355	550	2300	1700	30
280	420	65	7056B	290	450	1300	1700	30
280	500	80	7256B	470	770	1100	1400	70
300	460	74	7060B	340	570	1100	1500	43
300	540	85	7260B	500	840	1000	1300	87
320	480	74	7064B	355	610	1100	1400	45
320	580	92	7264B	565	1010	900	1200	110
340	460	56	71968B	270	480	1100	1400	27
340	520	82	7068B	405	735	1000	2300	62
340	620	92	7268B	635	1200	850	1100	125
360	440	38	71872AC	215	385	1100	1400	12
360	480	56	71972B	275	500	1100	1400	29
360	540	82	7072C	450	950	1000	1300	63

ANGULAR CONTACT BALL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
360	540	82	7072B	520	765	1000	1300	63
360	650	95	7272B	585	1125	700	950	145
380	480	46	71876AC	265	450	1000	1300	18
380	520	65	71976AC	370	665	1000	1300	43
380	520	65	71976B	320	630	1000	1300	43
380	520	82	72976AC	410	730	1000	1300	50
380	560	82	7076B	425	795	900	1200	66
400	600	90	7080B	475	920	850	1100	85
400	720	103	7280B	660	1350	600	800	190
420	560	65	71984B	330	605	850	1100	45
420	620	90	7084B	490	955	850	1100	89
440	650	94	7088B	520	1065	750	1000	100
460	620	74	71992AC	460	940	750	1000	58
460	680	100	7092B	560	1165	700	950	120
480	700	100	7096B	565	1210	670	900	125
500	720	100	70/500B	575	1260	670	900	130
530	650	56	718/530AC	370	840	670	900	40
530	710	82	719/530AC	560	1210	630	850	92
530	780	112	70/530B	670	1530	600	800	180
600	730	60	718/600AC	425	1040	600	800	47
600	800	90	719/600AC	645	1560	560	750	125
670	820	69	718/670AC	500	1160	500	670	80
710	870	74	718/710AC	545	1470	480	630	94
710	950	106	719/710AC	770	1980	450	600	195
750	920	78	718/750AC	585	1620	450	600	100

Double Row Angular Contact Ball Bearing

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
10	26	12	3000	5.5	3.2	18000	23000	0.022
10	26	12	3000-2RS	5.5	3.2	18000	-	0.022
10	26	12	3000-2Z	5.5	3.2	18000	-	0.022
10	30	14.3	3200	7.5	4.3	16000	21000	0.05
10	30	14.3	3200-2RS	7.5	4.3	16000	-	0.05
10	30	14.3	3200-2Z	7.5	4.3	16000	-	0.05
12	28	12	3001	6.1	3.7	17000	22000	0.025

ANGULAR CONTACT BALL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
12	28	12	3001-2RS	6.1	3.7	17000	-	0.025
12	28	12	3001-2Z	6.1	3.7	17000	-	0.025
12	32	15.9	3201	9	4.9	14000	19000	0.058
12	32	15.9	3201-2RS	9	4.9	14000	-	0.058
12	32	15.9	3201-2Z	9	4.9	14000	-	0.058
15	32	13	3002	8.5	5.4	14500	18000	0.036
15	32	13	3002-2RS	8.5	5.4	14500	-	0.036
15	32	13	3002-2RS	8.5	5.4	14500	-	0.036
15	35	15.9	3202	10	6	11000	16000	0.066
15	35	15.9	3202-2RS	10	6	11000	-	0.066
15	35	15.9	3202-2Z	10	6	11000	-	0.066
15	42	19	3302	14	8	10000	15000	0.13
15	42	19	3302-2RS	14	8	10000	-	0.13
15	42	19	3302-2Z	14	8	10000	-	0.13
17	35	14	3003	9	6	12500	16000	0.042
17	35	14	3003-2RS	9	6	12500	-	0.042
17	35	14	3003-2Z	9	6	12500	-	0.042
17	40	17.5	3203	12.7	7.8	9000	14000	0.096
17	40	17.5	3203-2RS	12.7	7.8	9000	-	0.096
17	40	17.5	3203-2Z	12.7	7.8	9000	-	0.096
17	47	22.2	3303	17.3	10.4	8000	12000	0.18
17	47	22.2	3303-2RS	17.3	10.4	8000	-	0.18
17	47	22.2	3303-2Z	17.3	10.4	8000	-	0.18
20	32	10	3804	4.9	3.9	13000	14300	0.02
20	32	10	3804-2RS	4.9	3.9	13000	-	0.02
20	32	10	3804-2Z	4.9	3.9	13000	-	0.02
20	37	13	3904	9.3	6.6	12000	13200	0.046
20	37	13	3904-2RS	9.3	6.6	12000	-	0.046
20	37	13	3904-2Z	9.3	6.6	12000	-	0.046
20	42	16	3004	14.2	9.6	11000	13000	0.08
20	42	16	3004-2RS	14.2	9.6	11000	-	0.08
20	42	16	3004-2Z	14.2	9.6	11000	-	0.08
20	47	20.6	3204	19	12.1	8000	12000	0.16
20	47	20.6	3204-2RS	19	12.1	8000	-	0.16
20	47	20.6	3204-2Z	19	12.1	8000	-	0.16
20	52	22.2	3304	19	12.3	8500	12000	0.22
20	52	22.2	3304-2RS	19	12.3	8500	-	0.22
20	52	22.2	3304-2Z	19	12.3	8500	-	0.22
25	37	10	3805	5.5	4.9	11500	12700	0.025
25	37	10	3805-2RS	5.5	4.9	11500	-	0.025
25	37	10	3805-2Z	5.5	4.9	11500	-	0.025
25	42	13	3905	9.6	7.5	11000	12300	0.062

ANGULAR CONTACT BALL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
25	42	13	3905-2RS	9.6	7.5	11000	-	0.062
25	42	13	3905-2Z	9.6	7.5	11000	-	0.062
25	47	16	3005	15.2	11	9500	12000	0.1
25	47	16	3005-2RS	15.2	11	9500	-	0.1
25	47	16	3005-2Z	15.2	11	9500	-	0.1
25	52	20.6	3205	20.6	13.9	7500	10000	0.19
25	52	20.6	3205-2RS	20.6	13.9	7500	-	0.19
25	52	20.6	3205-2Z	20.6	13.9	7500	-	0.19
25	62	25.4	3305	27.6	17.8	7500	10000	0.367
25	62	25.4	3305-2RS	27.6	17.8	7500	-	0.367
25	62	25.4	3305-2Z	27.6	17.8	7500	-	0.367
30	42	10	3806	5.7	5.6	10000	11500	0.03
30	42	10	3806-2RS	5.7	5.6	10000	-	0.03
30	42	10	3806-2Z	5.7	5.6	10000	-	0.03
30	47	13	3906	9.9	8.3	9500	10500	0.095
30	47	13	3906-2RS	9.9	8.3	9500	-	0.095
30	47	13	3906-2Z	9.9	8.3	9500	-	0.095
30	55	19	3006	20.3	15.5	8000	10000	0.16
30	55	19	3006-2RS	20.3	15.5	8000	-	0.16
30	55	19	3006-2Z	20.3	15.5	8000	-	0.16
30	62	23.8	3206	25.7	18.5	6300	8500	0.31
30	62	23.8	3206-2RS	25.7	18.5	6300	-	0.31
30	62	23.8	3206-2Z	25.7	18.5	6300	-	0.31
30	72	30.2	3306	37.2	25.9	6000	8000	0.59
30	72	30.2	3306-2RS	37.2	25.9	6000	-	0.59
30	72	30.2	3306-2Z	37.2	25.9	6000	-	0.59
35	47	10	3807	6.1	6.2	8500	10000	0.035
35	47	10	3807-2RS	6.1	6.2	8500	-	0.035
35	47	10	3807-2Z	6.1	6.2	8500	-	0.035
35	55	15	3907	12.9	11.3	8000	9500	0.138
35	55	15	3907-2RS	12.9	11.3	8000	-	0.138
35	55	15	3907-2Z	12.9	11.3	8000	-	0.138
35	62	20	3007	24.2	20.4	6500	8500	0.24
35	62	20	3007-2RS	24.2	20.4	6500	-	0.24
35	62	20	3007-2Z	24.2	20.4	6500	-	0.24
35	72	27	3207	30.4	23.5	5600	7500	0.51
35	72	27	3207-2RS	30.4	23.5	5600	-	0.51
35	72	27	3207-2Z	30.4	23.5	5600	-	0.51
35	80	34.9	3307	46.1	35.3	5300	7000	0.82
35	80	34.9	3307-2RS	46.1	35.3	5300	-	0.82
35	80	34.9	3307-2Z	46.1	35.3	5300	-	0.82
40	52	10	3808	6.4	6.9	7000	8500	0.04

ANGULAR CONTACT BALL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
40	52	10	3808-2RS	6.4	6.9	7000	-	0.04
40	52	10	3808-2Z	6.4	6.9	7000	-	0.04
40	62	16	3908	17.4	15.8	6500	8000	0.158
40	62	16	3908-2RS	17.4	15.8	6500	-	0.158
40	62	16	3908-2Z	17.4	15.8	6500	-	0.158
40	68	21	3008	24.5	20.8	6000	7800	0.279
40	68	21	3008-2RS	24.5	20.8	6000	-	0.279
40	68	21	3008-2Z	24.5	20.8	6000	-	0.279
40	80	30.2	3208	40.8	30.2	5300	7000	0.64
40	80	30.2	3208-2RS	40.8	30.2	5300	-	0.64
40	80	30.2	3208-2Z	40.8	30.2	5300	-	0.64
40	90	36.5	3308	54.9	40.1	4800	6300	1.06
40	90	36.5	3308-2RS	54.9	40.1	4800	-	1.06
40	90	36.5	3308-2Z	54.9	40.1	4800	-	1.06
45	58	10	3809	6.7	7.7	6300	7000	0.055
45	58	10	3809-2RS	6.7	7.7	6300	-	0.055
45	58	10	3809-2Z	6.7	7.7	6300	-	0.055
45	68	16	3909	17.9	17.2	6000	6800	0.183
45	68	16	3909-2RS	17.9	17.2	6000	-	0.183
45	68	16	3909-2Z	17.9	17.2	6000	-	0.183
45	75	23	3009	39.3	36.4	5600	6200	0.364
45	75	23	3009-2RS	39.3	36.4	5600	-	0.364
45	75	23	3009-2Z	39.3	36.4	5600	-	0.364
45	85	30.2	3209	42.8	34.5	4800	6300	0.72
45	85	30.2	3209-2RS	42.8	34.5	4800	-	0.72
45	85	30.2	3209-2Z	42.8	34.5	4800	-	0.72
45	100	39.7	3309	72.1	52	4300	5600	1.24
45	100	39.7	3309-2RS	72.1	52	4300	-	1.24
45	100	39.7	3309-2Z	72.1	52	4300	-	1.24
50	65	12	3810	7	8.4	6000	7500	0.075
50	65	12	3810-2RS	7	8.4	6000	-	0.075
50	65	12	3810-2Z	7	8.4	6000	-	0.075
50	72	16	3910	19.1	19.6	5800	7200	0.189
50	72	16	3910-2RS	19.1	19.6	5800	-	0.189
50	72	16	3910-2Z	19.1	19.6	5800	-	0.189
50	80	23	3010	42.3	41.9	5300	6600	0.395
50	80	23	3010-2RS	42.3	41.9	5300	-	0.395
50	80	23	3010-2Z	42.3	41.9	5300	-	0.395
50	90	30.2	3210	43.2	35.3	4500	6000	0.78
50	90	30.2	3210-2RS	43.2	35.3	4500	-	0.78
50	90	30.2	3210-2Z	43.2	35.3	4500	-	0.78
50	110	44.4	3310	84.9	62.6	4000	5300	1.96

ANGULAR CONTACT BALL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
50	110	44.4	3310-2RS	84.9	62.6	4000	-	1.96
50	110	44.4	3310-2Z	84.9	62.6	4000	-	1.96
55	72	13	3811	12.8	14.4	5500	6500	0.01
55	72	13	3811-2RS	12.8	14.4	5500	-	0.01
55	72	13	3811-2Z	12.8	14.4	5500	-	0.01
55	80	19	3911	20	21.7	5300	6200	0.282
55	80	19	3911-2RS	20	21.7	5300	-	0.282
55	80	19	3911-2Z	20	21.7	5300	-	0.282
55	90	26	3011	43.7	44.7	4800	5800	0.581
55	90	26	3011-2RS	43.7	44.7	4800	-	0.581
55	90	26	3011-2Z	43.7	44.7	4800	-	0.581
55	100	33.3	3211	53.9	47.2	4000	5300	1.03
55	100	33.3	3211-2RS	53.9	47.2	4000	-	1.03
55	100	33.3	3211-2Z	53.9	47.2	4000	-	1.03
55	120	49.2	3311	106.3	82	3600	4800	2.4
55	120	49.2	3311-2RS	106.3	82	3600	-	2.4
55	120	49.2	3311-2Z	106.3	82	3600	-	2.4
60	78	14	3812	13.6	16.2	5000	5500	0.14
60	78	14	3812-2RS	13.6	16.2	5000	-	0.14
60	78	14	3812-2Z	13.6	16.2	5000	-	0.14
60	85	19	3912	21	23.8	4800	5300	0.303
60	85	19	3912-2RS	21	23.8	4800	-	0.303
60	85	19	3912-2Z	21	23.8	4800	-	0.303
60	95	26	3012	47.2	53.4	4400	5000	0.621
60	95	26	3012-2RS	47.2	53.4	4400	-	0.621
60	95	26	3012-2Z	47.2	53.4	4400	-	0.621
60	110	36.5	3212	61.3	52.6	3800	5000	1.4
60	110	36.5	3212-2RS	61.3	52.6	3800	-	1.4
60	110	36.5	3212-2Z	61.3	52.6	3800	-	1.4
60	130	54	3312	121.4	95.1	3400	4500	3.24
60	130	54	3312-2RS	121.4	95.1	3400	-	3.24
60	130	54	3312-2Z	121.4	95.1	3400	-	3.24
65	85	15	3813	15.1	18.3	4700	5200	0.182
65	85	15	3813-2RS	15.1	18.3	4700	-	0.182
65	85	15	3813-2Z	15.1	18.3	4700	-	0.182
65	90	19	3913	21.4	24.8	4500	5000	0.324
65	90	19	3913-2RS	21.4	24.8	4500	-	0.324
65	90	19	3913-2Z	21.4	24.8	4500	-	0.324
65	100	26	3013	49.5	59.2	4000	4800	0.661
65	100	26	3013-2RS	49.5	59.2	4000	-	0.661
65	100	26	3013-2Z	49.5	59.2	4000	-	0.661
65	120	38.1	3213	73.4	66.6	3400	4500	1.84

ANGULAR CONTACT BALL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
65	120	38.1	3213-2RS	73.4	66.6	3400	-	1.84
65	120	38.1	3213-2Z	73.4	66.6	3400	-	1.84
65	140	58.7	3313	137.5	109.6	2800	3700	2.9
65	140	58.7	3313-2RS	137.5	109.6	2800	-	2.9
65	140	58.7	3313-2Z	137.5	109.6	2800	-	2.9
70	90	15	3814	18	21.9	4400	4800	0.19
70	90	15	3814-2RS	18	21.9	4400	-	0.19
70	90	15	3814-2Z	18	21.9	4400	-	0.19
70	100	23	3914	25.8	30	4000	4600	0.516
70	100	23	3914-2RS	25.8	30	4000	-	0.516
70	100	23	3914-2Z	25.8	30	4000	-	0.516
70	110	30	3014	54.2	58.9	3600	4400	0.95
70	110	30	3014-2RS	54.2	58.9	3600	-	0.95
70	110	30	3014-2Z	54.2	58.9	3600	-	0.95
70	125	39.7	3214	80.5	73.8	3200	4300	1.98
70	125	39.7	3214-2RS	80.5	73.8	3200	-	1.98
70	125	39.7	3214-2Z	80.5	73.8	3200	-	1.98
70	150	63.5	3314	154.5	125.1	2800	3800	4.7
70	150	63.5	3314-2RS	154.5	125.1	2800	-	4.7
70	150	63.5	3314-2Z	154.5	125.1	2800	-	4.7
75	95	15	3815	16	20.3	4200	4700	0.224
75	95	15	3815-2RS	16	20.3	4200	-	0.224
75	95	15	3815-2Z	16	20.3	4200	-	0.224
75	105	23	3915	26	31.3	3800	4300	0.546
75	105	23	3915-2RS	26	31.3	3800	-	0.546
75	105	23	3915-2Z	26	31.3	3800	-	0.546
75	115	30	3015	57.7	66.5	3400	4000	1.003
75	115	30	3015-2RS	57.7	66.5	3400	-	1.003
75	115	30	3015-2Z	57.7	66.5	3400	-	1.003
75	130	41.3	3215	87.9	81.4	3000	3600	2.01
75	130	41.3	3215-2RS	87.9	81.4	3000	-	2.01
75	130	41.3	3215-2Z	87.9	81.4	3000	-	2.01
75	160	68.3	3315	171.4	134.8	2600	3200	6.3
75	160	68.3	3315-2RS	171.4	134.8	2600	-	6.3
75	160	68.3	3315-2Z	171.4	134.8	2600	-	6.3
80	100	15	3816	16.5	21.7	4000	4400	0.23
80	100	15	3816-2RS	16.5	21.7	4000	-	0.23
80	100	15	3816-2Z	16.5	21.7	4000	-	0.23
80	110	23	3916	26.7	32.5	3500	4000	0.576
80	110	23	3916-2RS	26.7	32.5	3500	-	0.576
80	110	23	3916-2Z	26.7	32.5	3500	-	0.576
80	125	34	3016	63.5	67.8	3100	3800	1.38

ANGULAR CONTACT BALL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
80	125	34	3016-2RS	63.5	67.8	3100	-	1.38
80	125	34	3016-2Z	63.5	67.8	3100	-	1.38
80	140	44.4	3216	103.7	97.5	2800	3600	2.48
80	140	44.4	3216-2RS	103.7	97.5	2800	-	2.48
80	140	44.4	3216-2Z	103.7	97.5	2800	-	2.48
80	170	68.3	3316	190.1	151.7	2400	3400	7.21
80	170	68.3	3316-2RS	190.1	151.7	2400	-	7.21
80	170	68.3	3316-2Z	190.1	151.7	2400	-	7.21
85	110	19	3817	22	28.7	3600	4000	0.407
85	110	19	3817-2RS	22	28.7	3600	-	0.407
85	110	19	3817-2Z	22	28.7	3600	-	0.407
85	120	26	3917	31.5	38.5	3300	3700	0.821
85	120	26	3917-2RS	31.5	38.5	3300	-	0.821
85	120	26	3917-2Z	31.5	38.5	3300	-	0.821
85	130	34	3017	68.3	77.5	2900	3600	1.447
85	130	34	3017-2RS	68.3	77.5	2900	-	1.447
85	130	34	3017-2Z	68.3	77.5	2900	-	1.447
85	150	49.2	3217	111.8	106.4	2400	3500	3.2
85	150	49.2	3217-2RS	111.8	106.4	2400	-	3.2
85	150	49.2	3217-2Z	111.8	106.4	2400	-	3.2
85	180	73	3317	189.4	234.5	2200	3200	8.3
85	180	73	3317-2RS	189.4	234.5	2200	-	8.3
85	180	73	3317-2Z	189.4	234.5	2200	-	8.3
90	115	19	3818	23.3	30.8	3300	3600	0.45
90	115	19	3818-2RS	23.3	30.8	3300	-	0.45
90	115	19	3818-2Z	23.3	30.8	3300	-	0.45
90	125	26	3918	32.1	40.1	3100	3400	0.861
90	190	73	3318	230.6	193.3	2000	3000	9.23
90	190	73	3318-2RS	230.6	193.3	2000	-	9.23
90	190	73	3318-2Z	230.6	193.3	2000	-	9.23
95	120	19	3819	23.6	31.8	3200	3500	0.501
95	120	19	3819-2RS	23.6	31.8	3200	-	0.501
95	120	19	3819-2Z	23.6	31.8	3200	-	0.501
95	130	26	3919	32.6	41.7	3000	3300	0.901
95	130	26	3919-2RS	32.6	41.7	3000	-	0.901
95	130	26	3919-2Z	32.6	41.7	3000	-	0.901
95	145	37	3019	72.4	82.9	2600	3100	1.954
95	145	37	3019-2RS	72.4	82.9	2600	-	1.954
95	145	37	3019-2Z	72.4	82.9	2600	-	1.954
95	170	55.6	3219	145	198.7	2200	3000	5.01
95	170	55.6	3219-2RS	145	198.7	2200	-	5.01
95	170	55.6	3219-2Z	145	198.7	2200	-	5.01

ANGULAR CONTACT BALL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
100	125	19	3820	23.7	32.8	3100	3400	0.56
100	125	19	3820-2RS	23.7	32.8	3100	-	0.56
100	125	19	3820-2Z	23.7	32.8	3100	-	0.56
100	140	30	3920	37.9	48.5	2800	3200	1.27
100	140	30	3920-2RS	37.9	48.5	2800	-	1.27
100	140	30	3920-2Z	37.9	48.5	2800	-	1.27
100	150	37	3020	74.7	88.2	2500	2800	2.04
100	150	37	3020-2RS	74.7	88.2	2500	-	2.04
100	150	37	3020-2Z	74.7	88.2	2500	-	2.04
100	180	60.3	3220	185	172	2000	2500	5.82
100	180	60.3	3220-2RS	185	172	2000	-	5.82

Four-point Angular Contact Ball Bearing

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
20	52	15	QJ304MA	1.1	30	19.6	28000	0.184
25	52	15	QJ205MA	1	25.5	18.6	26000	0.171
	62	17	QJ305TVP	1.1	44	31.5	14000	0.256
30	62	16	QJ206MA	1	36.5	27.5	20000	0.254
	72	19	QJ306TVP	1.1	58.8	43	11000	0.379
35	72	17	QJ207MA	1.1	44	35.5	18000	0.359
	80	21	QJ307TVP	1.5	62	51	9500	0.504
40	80	18	QJ208TVP	1.1	56	46.5	9500	0.399
	90	23	QJ308TVP	1.5	86.5	68	8500	0.704
45	85	19	QJ209TVP	1.1	64	57	8500	0.467
	100	25	QJ309TVP	1.5	102	83	7500	0.934
50	90	20	QJ210MA	1.1	61	56	13000	0.609
	110	27	QJ310MA	2	110	91.5	11000	1.39
55	100	21	QJ211TVP	1.5	80	76.5	7000	0.697
	120	29	QJ311MA	2	127	108	10000	1.76
60	110	22	QJ212TVP	1.5	96.5	93	6300	0.89
	130	31	QJ312MA	2.1	146	127	9000	2.2
65	120	23	QJ213MA	1.5	104	104	9500	1.27
	140	33	QJ313MA	2.1	163	146	8500	2.71
70	125	24	QJ214TVP	1.5	118	122	5600	1.22
	150	35	QJ314MA	2.1	183	166	8000	3.29

ANGULAR CONTACT BALL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
75	130	25	QJ215TVP	1.5	125	129	5300	1.35
	160	37	QJ315MA	2.1	212	204	7000	3.96
80	140	26	QJ216MA	2	132	137	8000	1.84
	170	39	QJ316MA	2.1	224	220	7000	4.65
85	150	28	QJ217MA	2	153	160	7000	2.3
	180	41	QJ317MA	3	245	255	6300	5.54
90	160	30	QJ218MA	2	176	186	7000	2.8
	190	43	QJ318MA	3	265	285	6000	6.44
95	170	32	QJ219MA	2.1	200	212	6300	3.41
	200	45	QJ319MA	3	285	310	6000	7.45
100	180	34	QJ220MA	2.1	224	240	6000	4.1
	215	47	QJ320MA	3	325	365	5600	9.04
105	190	36	QJ221MA	2.1	232	260	6000	4.81
110	200	38	QJ222MA	2.1	250	285	5600	5.66
	240	50	QJ322MA	3	345	415	5300	12.2
120	215	40	QJ222MA	2.1	280	340	5300	6.74
	260	55	QJ324MA	3	380	480	5000	15.6
130	230	40	QJ226MA	3	290	365	5000	7.66
	280	58	QJ326MA	4	425	570	4800	19.2
140	250	42	QJ228MA	3	315	415	4800	9.69
	300	62	QJ328MA	4	475	655	4300	23.2
150	270	45	QJ230MA	3	345	480	4500	12.2
	320	65	QJ330MA	4	510	735	3800	28



CYLINDRICAL ROLLER BEARING

Cylindrical roller bearing has a separable structure of inner ring and outer ring and large load capacity which mainly bear radial load. There is small friction between the rolling element and the ring wall, and it is suitable for high-speed rotation. Our product is divided into NU, NJ, NUP, N, NF series of single row bearings and NNU, NN double row bearings according to the rings with or without ring walls.

The outer ring of N type cylindrical roller bearing has no outer walls while the inner ring has double walls. It allows relative axial displacement on two directions between axle and bearing block.

The outer ring of NU type cylindrical roller bearing has double outer walls while the inner ring has no inner walls. It can also allow relative axial displacement on two directions between axle and bearing block. Therefore, this type of structure is applicable to the use of moving bearing.

The outer ring of NJ type cylindrical roller bearing has double outer walls while the inner ring has single inner wall. It can bear a certain amount of axial load and this kind of structure can be applied as a single axial direction locating bearing. NJ type cylindrical roller bearing may limit the displacement of axle or axis of the shell in one direction.

The outer ring of NUP type cylindrical roller bearing has double outer walls while the inner ring has one fixed inner wall and the other is detachable flat ring. It can endure a certain amount of bidirectional axial load. The product can limit the axial displacements of two directions between the axle and bearing block, thus applying to be used as a stationary end bearing.

The outer ring of NN type cylindrical roller bearing has no outer walls while the inner ring has double inner walls and middle wall in the middle. In comparison, the outer ring of NNU type cylindrical roller bearing has double outer walls and middle wall in the middle while the inner ring has no inner walls. The two types bearings both allow axial displacement of two directions between the axis and bearing block. Therefore, this structure is suitable for moving bearings and the cage of the bearing mainly uses car business entity cage.

Full complement cylindrical roller bearing is designed to bear heavy load. In the same width, the bearing has super high bearing capacity and small radial

section and it can save space, but its speed is relatively low. In order to make the bearing working normally, the product must be subjected to a certain minimum load, namely $C/P < 25$, in continuous operation condition. Otherwise it will aggravates wear because of lack of lubrication and high speed operation. All multi-row cylindrical roller bearings have a lubricating groove and hole on the outer ring.

Cylindrical roller bearing generally adopts stamping steel cage, copper alloy machined cage and polyamide forming cage. It is widely used in large and medium-sized motor vehicle, locomotive, machine tool spindle, internal combustion engine, generator, gas turbine, gearbox, rolling mill, vibration sieve and lifting the transport machinery.



CYLINDRICAL ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
100	150	24	NU1020	85	110	4300	5000	1.5
100	180	34	N220	190	260	3200	3800	3.45
100	180	34	NF220	190	260	3200	3800	3.55
100	180	34	NU220	190	260	3200	3800	3.52
100	180	34	NJ220	190	260	3200	3800	3.61
100	180	46	NU2220	260	385	3200	3800	5.2
100	180	46	NJ2220	260	385	3200	3800	5.6
100	215	73	N2320	435	625	2400	3000	13.1
100	215	73	NU2320	435	625	2400	3000	13.2
100	215	73	NJ2320	435	625	2400	3000	13.5
100	250	58	N420	460	590	2400	3000	15.4
100	250	58	NU420	460	590	2400	3000	15.5
100	250	58	NJ420	460	590	2400	3000	15.9
105	160	26	N1021	110	170	4000	4800	1.85
105	160	26	NF1021	110	170	4000	4800	1.9
105	160	26	NU1021	110	170	4000	4800	1.9
105	190	36	N221	210	285	3000	3600	4.33
105	190	36	NJ221	210	285	3000	3600	4.5
105	190	36	N221E	240	300	3000	3600	3.95
105	190	36	NU221E	240	300	3000	3600	4
105	190	36	NJ221E	240	300	3000	3600	4.1
105	190	36	NUP221E	240	300	3000	3600	4.2
105	225	49	N321E	415	525	2200	2800	10.5
105	225	49	NU321E	415	525	2200	2800	10.6
105	225	49	NJ321E	415	525	2200	2800	10.7
105	260	60	N421	510	655	2200	2800	17.2
105	260	60	NU421	510	655	2200	2800	18
110	170	28	N1022	130	195	3800	4500	2.31
110	170	28	NU1022	130	195	3800	4500	2.32
110	200	38	N222	245	335	2800	3400	5.02
110	200	38	NU222	245	335	2800	3400	5.05
110	200	38	NJ222	245	335	2800	3400	5.1
110	200	38	N222E	270	370	2800	3400	5.27
110	200	38	NU222E	270	370	2800	3400	5.3
110	200	38	NJ222E	270	370	2800	3400	5.32
110	200	38	NUP222E	270	370	2800	3400	5.5
110	200	53	NU2222	330	500	2800	3400	7.63
110	200	53	NJ2222	330	500	2800	3400	7.83
110	200	53	NU2222E	380	520	2800	3400	6.7
110	200	53	NJ2222E	380	520	2800	3400	6.85
110	200	53	NUP2222E	380	520	2800	3400	7
110	240	50	N322	390	515	2000	2600	11.4

CYLINDRICAL ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
110	240	50	NU322	390	515	2000	2600	11.6
110	240	50	NJ322	390	515	2000	2600	11.8
110	240	50	NUP322	390	515	2000	2600	12
110	240	50	N322	440	575	2000	2600	11.5
110	240	50	NU322E	440	575	2000	2600	11.7
110	240	50	NJ322E	440	575	2000	2600	11.9
110	240	50	NUP322E	440	575	2000	2600	12.2
110	240	80	NU2322	605	800	2000	2600	18.3
110	240	80	NU2322E	605	800	2000	2600	18.3
110	240	80	NJ2322E	605	800	2000	2600	18.7
110	240	80	NUP2322E	605	800	2000	2600	19.1
110	280	65	N422	560	725	2000	2600	21.8
110	280	65	NU422	560	725	2000	2600	22
110	280	65	NJ422	560	725	2000	2600	22.3
120	180	28	NU1024	133	205	3400	4000	2.96
120	180	28	NJ1024	133	205	3400	4000	3.1
120	215	40	N224	275	390	2400	3000	6.11
120	215	40	NU224	275	390	2400	3000	6.27
120	215	40	NJ224	275	390	2400	3000	6.39
120	215	40	NUP224	275	390	2400	3000	6.51
120	215	40	N224E	320	450	2400	3000	6.35
120	215	40	NU224E	320	450	2400	3000	6.5
120	215	40	NJ224E	320	450	2400	3000	6.7
120	215	58	N2224	360	550	2400	3000	8.92
120	215	58	NU2224	360	550	2400	3000	9.31
120	215	58	NJ2224	360	550	2400	3000	9.46
120	215	58	NU2224E	430	660	2400	3000	9.31
120	215	58	NJ2224E	430	660	2400	3000	9.46
120	215	58	NUP2224E	430	660	2400	3000	9.7
120	260	55	N324	460	600	1900	2400	14.1
120	260	55	NF324	460	600	1900	2400	14.3
120	260	55	NU324	460	600	1900	2400	14.5
120	260	55	NJ324	460	600	1900	2400	14.7
120	260	55	N324E	540	710	1900	2400	14.3
120	260	55	NU324E	540	710	1900	2400	14.8
120	260	55	NJ324E	540	710	1900	2400	15
120	260	55	NUP324E	540	710	1900	2400	15.3
120	260	86	N2324	670	970	1900	2400	22.9
120	260	86	NU2324	670	970	1900	2400	23.1
120	260	86	NJ2324	670	970	1900	2400	23.6
120	260	86	NU2324E	720	1000	1900	2400	24
120	260	86	NJ2324E	720	1000	1900	2400	24.5

CYLINDRICAL ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
120	260	86	NUP2324E	720	1000	1900	2400	25
120	310	72	N424	700	915	1900	2400	29
120	310	72	NU424	700	915	1900	2400	29.1
120	310	72	NJ424	700	915	1900	2400	29.7
130	200	33	N1026	170	270	3200	3800	4.52
130	200	33	NU1026	170	270	3200	3800	4.7
130	230	40	N226	258	415	2200	2800	7.08
130	230	40	NU226	285	415	2200	2800	7.22
130	230	40	NJ226	285	415	2200	2800	7.32
130	230	40	N226E	350	495	2200	2800	7.1
130	230	40	NU226E	350	495	2200	2800	7.25
130	230	40	NJ226E	350	495	2200	2800	7.38
130	230	40	NUP226E	350	495	2200	2800	7.49
130	230	64	N2226	390	625	2200	2800	11.6
130	230	64	NF2226	390	625	2200	2800	11.7
130	230	64	NU2226	390	625	2200	2800	11.8
130	230	64	NJ2226	390	625	2200	2800	11.8
130	230	64	NUP2226	390	625	2200	2800	12.2
130	230	64	NU2226E	480	735	2200	2800	11.5
130	280	58	N326	540	725	1800	2200	17.8
130	280	58	NU326	540	725	1800	2200	17.9
130	280	58	NJ326	540	725	1800	2200	18.2
130	280	93	N2326	790	1180	1800	2200	29
130	280	93	NU2326	790	1180	1800	2200	28.7
130	280	93	NJ2326	790	1180	1800	2200	29
130	280	93	NUP2326	790	1180	1800	2200	29.5
130	340	78	NU426	855	1180	1800	2200	39.5
140	210	33	NU1028	170	240	2400	3000	4
140	210	53	NU3028M	325	480	2400	3000	7.64
140	250	42	N228	330	490	2000	2600	9.14
140	250	42	NU228	330	490	2000	2600	9.16
140	250	42	NJ228	330	490	2000	2600	9.38
140	250	42	NUP228	330	490	2000	2600	9.51
140	250	68	NU2228	460	755	2000	2600	14.4
140	250	68	NJ2228	460	755	2000	2600	14.8
140	300	62	N328	590	800	1800	2200	21.8
140	300	62	NF328	590	800	1800	2200	21.9
140	300	62	NU328	590	800	1800	2200	22.2
140	300	62	NJ328	590	800	1800	2200	22.6
140	300	62	NUP328	590	800	1800	2200	22.3
140	300	102	N2328	870	1300	1800	2200	34.6
140	300	102	NU2328	870	1300	1800	2200	33.6

CYLINDRICAL ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
140	300	102	NJ2328	870	1300	1800	2200	34.8
140	360	82	NU428	920	1200	1700	2000	45.5
140	360	82	NJ428	920	1200	1700	2000	46.3
150	255	35	N1030	190	300	2600	3200	4.94
150	255	35	NU1030	190	300	2600	3200	5.05
150	270	45	N230	380	565	1900	2400	11.6
150	270	45	NU230	380	565	1900	2400	11.8
150	270	45	NJ230	380	565	1900	2400	12
150	270	45	NUP230	380	565	1900	2400	12.3
150	320	65	N330	650	890	1700	2000	26.5
150	320	65	NU330	650	890	1700	2000	26.6
150	320	65	NJ330	650	890	1700	2000	26.9
150	320	65	NUP330	650	890	1700	2000	27.4
150	320	108	NF2330	970	1480	1700	2000	43.6
150	320	108	NU2330	970	1480	1700	2000	41.5
150	320	108	NJ2330	970	1480	1700	2000	42.4
150	320	128	NJ3330	1200	1880	1700	2000	50
160	220	36	NJ2932	230	435	2400	3000	4.2
160	240	38	NU1032	235	380	2400	3000	5.96
160	240	38	NJ1032	235	3801	2400	3000	6.15
160	290	48	N232	450	655	1800	2200	14.3
160	290	48	NU230	450	655	1800	2200	14.4
160	290	48	NJ230	450	655	1800	2200	14.5
160	290	48	NUP232	450	655	1800	2200	14.6
160	290	80	NU2232	625	1000	1800	2200	23.3
160	340	68	N332	685	970	1500	1800	30.8
160	340	68	NU332	685	970	1500	1800	30.9
160	340	68	NJ332	685	970	1500	1800	31.5
160	340	114	N2332	1020	1610	1500	1800	51.6
160	340	114	NU2332	1020	1610	1500	1800	54.4
170	260	42	NU1034	270	440	2200	2800	8.23
170	260	42	NJ1034	270	440	2200	2800	8.5
170	310	-	N234	500	780	1800	2200	18.2
170	310	52	NU234	500	780	1800	2200	18.7
170	310	52	NJ234	500	780	1800	2200	19.2
170	360	72	N334	780	1110	1600	1900	37.3
170	360	72	NU334	780	1110	1600	1900	37.7
170	360	72	NJ334	780	1110	1600	1900	38.4
170	360	120	NU2334	1160	1850	1400	1700	61.1
170	360	120	NJ2334	1160	1850	1400	1700	62.5
180	280	46	NU1036	310	450	2000	2600	10.5
180	320	52	N236	505	785	1700	2000	19.7

CYLINDRICAL ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
180	320	52	NU236	505	785	1700	2000	19.8
180	320	52	NJ236	505	785	1700	2000	20
180	320	52	NUP236	505	785	1700	2000	20.5
180	320	86	NU2236	950	1580	1700	2000	31.4
180	320	86	NJ2236	950	1580	1700	2000	31.9
180	320	86	NUP2236	950	1580	1700	2000	32.1
180	380	75	N336	900	1260	1500	1800	39.6
180	380	75	NU336	900	1260	1500	1800	42.8
180	380	126	NU2336	1240	1850	1300	1600	69.5
180	380	126	NJ2336	1240	1850	1300	1600	72
190	260	42	NU2938	310	380	2000	2600	6.5
190	290	46	NU1038	370	640	2000	2600	10.9
190	340	55	NU238	650	900	1600	1900	21.6
190	340	55	NJ238	650	900	1600	1900	22
190	340	55	NUP238	650	900	1600	1900	22.3
190	340	92	NU2238	905	1350	1600	1900	38.6
190	400	78	N338	905	1370	1200	1500	50.2
190	400	78	NU338	905	1370	1200	1500	48.5
190	400	78	NJ338	905	1370	1200	1500	49.4
200	310	51	NU1040	905	705	1900	2400	14.3
200	310	51	NJ1040	905	705	1900	2400	14.7
200	360	58	N240	905	995	1500	1800	26.8
200	360	58	NU240	905	995	1500	1800	26.5
200	360	58	NJ240	905	995	1500	1800	27.1
200	360	58	NU240E	905	1050	1500	1800	28.5
200	360	58	NJ240E	905	1050	1500	1800	29
200	360	58	NUP240E	905	1050	1500	1800	29.5
200	360	98	NJ2240	905	1600	1500	1800	45.5
200	360	98	NUP2240	905	1600	1500	1800	46.3
200	360	98	NU2240E	1100	1750	1500	1800	46
200	360	98	N2240E	1160	1980	1500	1800	41.5
200	420	80	NU340	900	1200	1300	1600	56
200	420	138	N2340	1620	2640	1200	1500	94.5
200	420	138	NU2340	1850	2600	1200	1500	96
200	420	165	NU3340	1950	3900	1200	1500	118
200	420	165	NUP3340	1950	3900	1200	1500	121
220	300	48	NU2944	370	750	1900	2400	10.5
220	340	56	NU1044	470	775	1800	2200	19.4
220	340	56	NJ1044	470	775	1800	2200	19.6
220	400	65	N244	760	1220	1500	1800	36.7
220	400	65	NU244	760	1220	1500	1800	35
220	400	65	NJ244	760	1220	1500	1800	35.4

CYLINDRICAL ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
220	400	65	NUP244	760	1220	1500	1800	36
220	400	108	NU2244	1100	1950	1300	1600	62.24
220	400	108	NJ224	1100	1950	1300	1600	63.3
220	460	88	NU344	1160	1730	1200	1500	73.4
220	460	145	NU2344	1970	3200	1000	1300	114
220	460	145	N2344E	2050	3350	1000	1300	113
220	460	145	NU2344E	2050	3350	1000	1300	114
240	360	56	NU1048	495	855	1700	2000	21.2
240	440	72	NU248	950	1540	1300	1600	46.9
240	440	72	NJ248	950	1540	1300	1600	49.6
240	440	72	NUP248	950	1540	1300	1600	53.5
240	440	120	NU2248	1350	2150	1200	1500	84
240	500	95	N348	1390	2120	1000	1300	96.3
240	500	95	NU348	1390	2120	1000	1300	96.5
240	500	155	NU2348	1950	3000	950	1200	155
250	380	50	N650	650	1150	1300	1600	20
260	400	65	N1052	625	1090	1500	1800	36.8
260	400	65	NU1052	625	1090	1500	1800	37.2
260	400	65	NUP1052	625	1090	1500	1800	37.6
260	400	82	NU2052	985	1880	1200	1500	40
260	480	80	NU252	1100	1800	1100	1400	68.5
260	480	80	NJ252	1100	1800	1100	1400	71
260	480	130	NU2252	1650	2700	1000	1300	110
280	420	65	NU1056	640	1100	1400	1700	40
280	500	80	NU256	1050	1550	1100	1400	72
280	500	80	NJ256	1050	1550	1100	1400	73
280	500	130	NU2256	2000	3000	950	1200	115
280	580	175	NU2356	2450	3900	850	1000	230
300	460	74	NU1060	850	1510	1200	1500	44.1
300	460	74	NJ1060	850	1510	1200	1500	45.1
300	460	118	NU3060	1650	1800	1000	1300	73
300	540	85	NU260	1370	2270	1000	1300	86.9
300	540	140	NU2260	1890	3100	950	1200	145
300	620	109	NU360	2100	3300	900	1100	166
320	480	74	NU1064	870	1580	1100	1400	48.2
320	480	74	NJ1064	870	1580	1100	1400	49
320	480	74	NUP1064	870	1580	1100	1400	49.5
320	580	92	NU264	1450	2250	950	1200	115
320	580	150	NU2264	2150	3600	900	1100	180
340	520	82	NU1068	1350	1900	1000	1300	65
340	620	165	NU2268	2400	4000	850	1000	225
360	540	82	NU1072	1000	1650	1000	1300	68

CYLINDRICAL ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
360	600	192	NU3172	3200	6500	800	950	129
360	650	170	NU2272	2750	2900	800	950	263
360	750	224	NU2372	4700	5400	630	750	490
380	480	60	N2876	640	750	1000	1300	25
380	560	82	NU1076	1050	1750	950	1200	71
380	680	175	NU2276	2850	4950	750	900	285
400	540	65	NU1980	780	980	950	1200	44
400	600	90	NU1080	1310	2460	900	1100	90
400	600	90	NJ1080	1310	2460	900	1100	91
400	600	148	NU3080	2150	3300	800	950	150
400	650	145	N2180	2800	3000	750	900	195
420	620	90	NU1084	1300	2200	900	1100	96
440	546	46	NU688	410	476	900	1100	27
440	650	94	NU1088	13604	2400	850	1000	110
440	720	122	N1188	2300	2300	700	900	195
440	720	226	NU3188	4850	9800	600	700	374
460	620	95	NUP2992	1520	1600	800	950	85
460	680	100	NU1092	1500	2600	800	950	125
460	760	240	NU3192	4950	10000	560	670	465
480	700	100	NU1096	1600	2700	750	900	130
500	620	56	NU18/500E	800	1700	800	650	39
500	670	78	NU19/500	1100	2100	750	900	79
500	670	100	NU29/500	17604	4300	750	900	101
500	670	128	NJ39/500E	2100	4700	750	900	130
500	720	100	NU10/500	1800	4350	750	900	135
500	720	128	NU20/500E	2700	5300	630	750	180
500	720	167	NU30/500E	3650	7200	630	750	230
500	830	264	NU31/500E	5800	10800	500	600	595
500	920	185	NU12/500	4700	7650	560	670	585
530	650	72	NF28/530	1050	2890	750	900	53
530	650	72	NJ28/530E	1050	2890	750	900	52
530	710	106	NU19/530	1800	4550	700	850	123
530	710	106	NUP29/530	1800	4550	700	850	126
530	780	112	NU10/530E	2100	3700	670	800	190
530	780	145	NU20/530E	3400	6600	560	670	255
560	750	85	NU19/560E	1500	2900	670	800	110
560	750	112	N29/560	2250	5600	670	800	140
560	820	115	NU10/560	2100	3850	630	750	215
560	820	115	NJ10/560	2100	3850	630	750	220
560	820	150	NU20/560E	3500	6900	530	630	290
560	1030	206	NU12/560	6500	10100	480	560	805
600	730	60	NU18/600E	810	1850	670	800	51

CYLINDRICAL ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
600	800	90	NU19/600E	1750	3500	630	750	130
600	800	90	NU19/600E	1750	3500	630	750	140
600	800	90	NF19/600E	1750	3500	630	750	135
600	800	118	NUP29/600E	2650	5900	630	750	165
600	830	150	-	3100	7400	630	750	240
600	870	118	NU10/600	2500	4600	600	700	250
600	870	155	NU20/600E	3800	7200	500	600	325
600	870	200	NU30/600E	4850	9900	500	600	415
630	780	88	NU28/630	1450	3550	630	750	98
630	780	88	N28/630	1450	3550	630	750	100
630	780	112	N38/630	2000	5150	560	670	120
630	780	112	NF38/630	2000	5150	560	670	125
630	850	100	N19/630	1850	2530	600	700	165
630	850	100	NU19/630	1850	2530	600	700	160
630	850	100	NU19/630E	2050	4000	600	700	165
630	850	128	NU29/630	3000	4200	600	700	210
630	850	128	NU29/630E	3200	6400	600	700	220
630	850	128	NUP29/630E	3200	6400	600	700	230
630	920	128	NU10/630E	3100	5600	450	530	285
630	920	128	NUP10/630E	3100	5600	450	530	290
630	920	170	NU20/630E	4300	8600	450	530	400
670	900	103	NU19/670E	2100	4300	530	630	195
670	900	103	NUP19/670E	2100	4300	530	630	200
670	980	136	NU10/670E	3400	6150	430	500	350
670	980	180	NU20/670E	4900	9900	430	500	480
670	980	230	NU30/670	6000	12600	430	500	600
700	930	160	NU6/700	3200	4500	430	500	300
710	870	74	NU18/710	1350	3050	530	630	98
710	870	95	N28/710	1750	4500	530	630	130
710	950	106	NU19/710	2300	3250	500	600	210
710	950	140	NU129/710E	3400	7500	500	600	295
710	950	140	NUP29/710E	3400	7500	500	600	300
710	1030	140	NU10/710	4200	7650	430	500	480
710	1030	185	NU20/710E	5350	10800	400	480	540
750	920	78	NU18/750	1350	3150	500	600	100
750	1000	112	NF19/750E	2550	5300	480	560	265
750	1090	150	NU10/750E	4300	7950	360	430	490
750	1090	195	NU20/750E	6350	13200	360	430	635
800	980	82	NJ18/800E	1550	3750	450	530	145
800	1150	155	NU10/800E	4950	9550	340	400	560
800	1150	200	NU20/800E	6350	13150	340	400	715
150	190	40	NN4830	190	450	2400	3000	2.8

CYLINDRICAL ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
150	190	40	NN4830K	190	450	2400	3000	2.75
150	210	60	NNU4930	300	590	2000	2600	6.3
150	210	60	NNU4930K	300	590	2000	2600	6.2
150	225	56	NN3030	330	570	2000	2600	7.8
150	225	56	NN3030K	330	570	2000	2600	7.7
150	250	100	NNU4130	680	1170	1900	2400	18
150	250	100	NNU4130K	680	1170	1900	2400	17.5
160	220	60	NNU4932	315	620	2000	2600	6.6
160	220	60	NNU4932K	315	620	2000	2600	6.5
160	240	60	NN3032	345	650	1900	2400	8.4
160	240	60	NN3032K	345	650	1900	2400	8.3
160	270	109	NNU4132	850	1380	1800	2200	25
160	270	109	NNU4132K	850	1380	1800	2200	24.5
170	230	30	NNU4934	330	680	2000	2600	7
170	230	60	NNU4934K	330	680	2000	2600	6.9
170	260	67	NN3034	435	810	1900	2400	13.3
170	260	67	NN3034K	435	810	1900	2400	12.9
170	280	109	NNU4134	880	1500	1600	2000	26
170	280	109	NNU4134K	880	1500	1600	2000	25.5
180	250	69	NNU4936	400	770	1900	2400	11
180	250	69	NNU4936K	400	770	1900	2400	10.5
180	280	74	NN3036	550	1000	1800	2200	17
180	280	74	NN3036K	550	1000	1800	2200	16.5
180	300	118	NNU4136	980	1650	1500	1900	33
180	300	118	NNU4136K	980	1650	1500	1900	32.5
190	260	69	NNU4938	400	800	1800	2200	11.5
190	260	69	NNU4938K	400	800	1800	2200	11
190	290	75	NN3038	560	1000	1600	2000	18
190	290	75	NN3038K	560	1000	1600	2000	17.5
190	320	128	NNU4138	1200	2000	1400	1800	41.5
190	320	128	NNU4138K	1200	2000	1400	1800	41
200	250	50	NNU4840	240	540	1900	2400	5.8
200	250	50	NNU4840K	240	540	1900	2400	5.75
200	280	80	NNU4940	480	950	1800	2300	15
200	280	80	NNU4940K	480	950	1800	2300	14.5
200	310	82	NN3040	640	1100	1600	2000	22.5
200	310	82	NN3040K	640	1100	1600	2000	22
200	340	140	NNU4140	1350	2300	1400	1700	52
200	340	140	NNU4140K	1350	2300	1400	1700	50
220	300	80	NNU4944	480	1050	1600	2000	17
220	300	80	NNU4944K	480	1050	1600	2000	16.5
220	340	90	NN3044	790	1400	1400	1800	31

CYLINDRICAL ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
220	340	90	NN3044K	790	1400	1400	1800	30.5
220	370	150	NNU4144	150	2650	1200	1500	66
220	370	150	NNU4144K	1500	2650	1200	1500	65
240	300	60	NNU4848	350	850	1800	2200	10
240	300	60	NNU4848K	350	850	1800	2200	9.8
240	320	80	NNU4948	500	1100	1600	2000	18
240	320	80	NNU4948K	500	1100	1600	2000	17.5
240	360	92	NN3048	810	1550	1400	1800	32
240	360	92	NN3048K	810	1550	1400	1800	31.5
240	400	160	NNU4148	1800	3300	1100	1400	86
240	400	160	NNU4148K	1800	3300	1100	1400	85
260	360	100	NNU4952	710	1500	1400	1800	30
260	360	100	NNU4952K	710	1500	1400	1800	29
260	400	104	NN3052	960	1800	1300	1600	48
260	400	104	NN3052K	960	1800	1300	1600	47
260	400	140	NNU4052	1500	2850	1200	1500	64
260	400	140	NNU4052K	1500	2850	1200	1500	63.5
260	440	180	NNU44152	2000	3550	1000	1300	112
260	440	180	NNU4152K	2000	3550	1000	1300	110
280	350	69	NNU4856	450	1150	1400	1700	16
280	350	69	NNU4856K	450	1150	1400	1700	15.5
280	380	100	NNU4956	700	1650	1300	1600	33
280	380	100	NNU4956K	700	1650	1300	1600	32.5
280	420	106	NN3056	1000	1900	1600	2000	50
280	420	106	NN3056K	1000	1900	1600	2000	49.5
280	420	140	NNU4056	1500	2850	1100	1400	67
280	420	140	NNU4056K	1500	2850	1100	1400	66.5
280	460	180	NNU4156	2300	4300	950	1200	122
280	460	180	NNU4156K	2300	4300	950	1200	120
300	380	80	NNU4860	530	1450	1700	2200	22.5
300	380	80	NNU4860K	530	1450	1700	2200	22
300	420	118	NNU4960	950	2150	1600	2000	51
300	420	118	NNU4960K	950	2150	1600	2000	50
300	460	118	NN3060	1150	2200	1500	1900	70
300	460	118	NN3060K	1150	2200	1500	1900	68.5
300	460	160	NNU4060	1850	3600	1000	1300	97
300	460	160	NNU4060K	1850	3600	1000	1300	96
300	500	200	NNU4160	2600	4800	900	1100	157
300	500	200	NU4160K	2600	4800	900	1100	155
320	400	80	NNU4864	700	1850	1200	1500	24
320	400	80	NNU4864k	700	1850	1200	1500	23.5
320	440	118	NNU4964	1000	2250	1100	1400	54

CYLINDRICAL ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
320	440	118	NNU4964k	1000	2250	1100	1400	53
320	480	121	NN3064	1200	2350	1000	1300	76.5
320	480	121	NN3064K	1200	2350	1000	1300	75
320	480	160	NNU4064	1950	3900	950	1200	102
320	480	160	NNU4064K	1950	3900	950	1200	100
320	540	218	NNU4164	3100	5600	800	1000	202
320	540	218	NNU4164K	3100	5600	800	1000	200
340	420	80	NNU4868	600	1650	1100	1400	25.5
340	420	80	NNU4868K	600	1650	1100	1400	25
340	460	118	NNU4968	1000	2400	1000	1300	57
340	460	118	NNU4968K	1000	2400	1000	1300	56
340	520	133	NN3068	1550	3000	950	1200	100
340	520	133	NN3068K	1550	3000	950	1200	99
340	520	180	NNU4068	2300	4600	900	1100	142
340	520	180	NNU4068K	2300	4600	900	1100	140
340	580	243	NNU4168	3650	7000	750	950	262
340	580	243	NNU4168K	3650	7000	750	950	260
360	480	118	NNU4972	1050	2550	1400	1700	59
360	480	118	NNU4972K	1050	2550	1400	1700	58.5
360	540	134	NN3072	1600	3200	1200	1500	106
360	540	134	NN3072K	1600	3200	1200	1500	105
360	540	180	NNU4072	2550	5150	900	1100	141
360	540	180	NNU4072K	2550	5150	900	1100	140
360	600	243	NNU4172	3900	7650	700	900	277
360	600	243	NNU4172K	3900	7650	700	900	275
380	480	100	NNU4876	900	2300	950	1200	45
380	480	100	NNU4876K	900	2300	950	1200	44
380	520	140	NNU4976	1350	3250	900	1100	89
380	520	140	NNU4976K	1350	3250	900	1100	87.5
380	560	135	NN3076	1550	3150	900	1100	112
380	560	135	NN3076K	1550	3150	900	1100	110
380	560	180	NNU4076	2600	5400	800	1000	153
380	560	180	NNU4076K	2600	5400	800	1000	150
380	620	243	NNU4176	3900	7650	670	850	288
380	620	243	NNU4176K	3900	7650	670	850	285
340	580	243	NNU4168	3650	7000	750	950	262
340	580	243	NNU4168K	3650	7000	750	950	260
360	480	118	NNU4972	1050	2550	1400	1700	59
360	480	118	NNU4972K	1050	2550	1400	1700	58.5
360	540	134	NN3072	1600	3200	1200	1500	106
360	540	134	NN3072K	1600	3200	1200	1500	105
360	540	180	NNU4072	2550	5150	900	1100	141

CYLINDRICAL ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
360	540	180	NNU4072K	2550	5150	900	1100	140
360	600	243	NNU4172	3900	7650	700	900	277
360	600	243	NNU4172K	3900	7650	700	900	275
380	480	100	NNU4876	900	2300	950	1200	45
380	480	100	NNU4876K	900	2300	950	1200	44
380	520	140	NNU4976	1350	3250	900	1100	89
380	520	140	NNU4976K	1350	3250	900	1100	87.5
380	560	135	NN3076	1550	3150	900	1100	112
380	560	135	NN3076K	1550	3150	900	1100	110
380	560	180	NNU4076	2600	5400	800	1000	153
380	560	180	NNU4076K	2600	5400	800	1000	150
380	620	243	NNU4176	3900	7650	670	850	288
380	620	243	NNU4176K	3900	7650	670	850	285
420	700	280	NNU4184K	5000	10300	600	750	440
440	540	100	NNU4888	910	2450	1000	1300	51
440	540	100	NNU4888K	910	2450	1000	1300	50
440	600	160	NNU4988	1850	4700	1000	1300	132
440	600	160	NNU4988K	1850	4700	1000	1300	130
440	650	157	NN3088	2200	4600	950	1200	173
440	650	157	NN3088K	2200	4600	950	1200	170
440	650	212	NNU4088	3600	7500	670	850	218
440	650	212	NNU4088K	3600	7500	670	850	215
440	720	280	NNU4188	5150	11000	560	700	455
440	720	280	NNU4188K	5150	11000	560	700	450
460	580	118	NNU4892	1100	2950	950	1200	75.5
460	580	118	NNU4892K	1100	2950	950	1200	75
460	620	160	NNU4992	2050	5000	800	1000	136
460	620	160	NNU4992K	2050	5000	800	1000	135
460	680	163	NN3092	2470	5070	800	1000	197
460	680	163	NN3092K	2470	5070	800	1000	195
460	680	218	NNU4092	3900	8100	630	800	242
460	680	218	NNU4092K	3900	8100	630	800	240
460	760	300	NNU4192	5800	12000	530	670	538
460	760	300	NNU4192K	5800	12000	530	670	535
480	650	170	NNU4996	2100	5500	800	1000	162
480	650	170	NNU4996K	2100	5500	800	1000	160
480	700	165	NN3096	2450	5300	700	900	203
480	700	165	NN3096K	2450	5300	700	900	200
480	700	218	NNU4096	4000	8700	600	750	277
480	700	218	NNU4096K	4000	8700	600	750	275
480	790	308	NNU4196	6350	13000	500	630	594
480	790	308	NNU4196K	6350	13000	500	630	590

CYLINDRICAL ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
500	670	170	NNU49/500	2200	5500	750	950	166
500	670	170	NNU49/500K	2200	5500	750	950	165
500	720	167	NN30/500	2500	5300	700	900	212
500	720	167	NN30/500K	2500	5300	700	900	210
500	720	218	NNU40/500	4050	9000	600	750	288
500	720	218	NNU40/500K	4050	9000	600	750	285
500	830	325	NNU41/500	6750	13500	480	600	715
500	830	325	NNU41/500K	6750	13500	480	600	710
530	710	180	NNU49/530	2600	7050	800	1000	202
530	710	180	NNU49/530K	2600	7050	800	1000	200
530	780	185	NN30/530	3000	6500	800	1000	272
530	780	185	NN30/530K	3000	6500	800	1000	270
530	780	250	NNU40/530	5000	11000	530	670	423
530	780	250	NNU40/530K	5000	11000	530	670	420
530	870	335	NNU41/530	7050	14500	450	560	795
530	870	335	NNU41/530K	7050	14500	450	560	790
560	750	140	NN39/560	2350	4850	800	1000	188
560	750	190	NNU49/560	2900	7800	750	950	237
560	750	190	NNU49/560K	2900	7800	750	950	235
560	780	180	NN6/560	2400	6400	750	950	266
560	820	195	NN30/560	3350	8150	700	900	318
560	820	195	NN30/560K	3350	8150	700	900	315
560	820	258	NNU40/560	5150	12000	500	630	478
560	820	258	NNU40/560K	5150	12000	500	630	475
560	920	355	NNU41/560	8000	16500	430	530	935
560	920	355	NNU41/560K	8000	16500	430	530	930
600	800	200	NN49/600	3450	7150	700	900	278
600	800	200	NNU49/600	3450	7150	700	900	283
600	800	200	NNU49/600K	3450	7150	700	900	280
600	870	200	NN30/600	3600	7800	670	850	385
600	870	200	NN30/600K	3600	7800	670	850	355
600	870	272	NNU40/600	6150	14100	480	600	535
600	870	272	NNU40/600K	6150	14100	480	600	530
600	980	375	NNU41/600	9000	19000	380	480	1110
600	980	375	NNU41/600K	9000	19000	380	480	1100
630	850	218	NNU49/630	3650	8300	670	850	358
630	850	218	NNU49/630K	3650	8300	670	850	355
630	920	212	NN30/630	3900	8900	630	800	434
630	920	212	NN30/630K	3900	8900	630	800	430
630	920	290	NNU40/630	6900	15800	450	560	640
630	920	290	NNU40/630K	6900	15800	450	560	635

CYLINDRICAL ROLLER BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)	Weight (kg)
d	D	B		Dynamic	Static		
20	42	30	NNCF5004V	47.5	53	9000	0.2
25	47	30	NNCF5005V	54	65	7500	0.23
30	55	34	NNCF5006V	70	86	6500	0.35
35	62	36	NNCF5007V	85	109	5500	0.46
40	68	38	NNCF5008V	101	136	5000	0.56
45	75	40	NNCF5009V	108	151	4600	0.71
50	80	40	NNCF5010V	131	184	4300	0.76
55	90	46	NNCF5011V	179	270	3700	1.16
60	85	25	NNCF4912V	67	115	3700	0.48
60	95	46	NNCF5012V	184	280	3500	1.24
65	100	46	NNCF5013V	194	310	3200	1.32
70	100	30	NNCF4914V	103	178	3200	0.78
70	110	54	NNCF5014V	229	340	3100	1.85
75	115	54	NNCF5015V	242	375	2800	1.93
80	110	30	NNCF4916V	109	199	2900	0.88
80	125	60	NNCF5016V	295	450	2600	2.59
85	130	60	NNCF5017V	305	470	2500	2.72
90	125	35	NNCF4918V	149	280	2500	1.35
90	140	67	NNCF5018V	355	560	2300	3.62
100	140	40	NNCF4920V	191	370	2200	1.95
100	150	67	NNCF5020V	375	610	2200	3.94
110	150	40	NNCF4922V	198	400	2100	2.15
110	170	80	NNCF5022V	490	790	2000	6.32
120	165	45	NNCF4924V	222	440	1900	2.95
120	180	80	NNCF5024V	520	870	1800	6.77
130	180	50	NNCF4926V	260	510	1700	3.95
130	200	95	NNCF5026V	740	1220	1700	10.2
140	190	50	NNCF4928V	270	550	1600	4.2
140	210	95	NNCF5028V	780	1340	1500	11.1
150	210	60	NNCF4930V	410	820	1500	6.65
150	225	100	NNCF5030V	810	1400	1500	13.3
160	220	60	NNCF4932V	425	880	1400	7
170	230	60	NNCF4934V	435	930	1300	7.35
180	250	69	NNCF4936V	570	1200	1300	10.8
190	260	69	NNCF4938V	580	1270	1200	11.2
200	280	80	NNCF4940V	690	1480	1100	15.8
220	300	80	NNCF4944V	720	1590	1000	17.2
240	320	80	NNCF4948V	740	1710	950	18.5
260	360	100	NNCF4952V	1110	2490	900	32
280	380	100	NNCF4956V	1150	2700	800	34
300	420	118	NNCF4960V	1650	3800	750	53
320	440	118	NNCF4964V	1720	4100	700	56

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)	Weight (kg)
d	D	B		Dynamic	Static		≈
340	460	118	NNCF4968V	1770	4300	650	59
360	480	118	NNCF4972V	1810	4500	650	62.1
380	520	140	NNCF4976V	2270	5600	600	92.4
400	540	140	NNCF4980V	2330	5900	550	96.5



DEEP GROOVE BALL BEARING

Deep groove ball bearing is a general rolling bearing which consists of a outer ring, an inner ring, a group of balls and cages. It has tow types which are single row with code 6 and double row with code 4. The product has a simple structure which can be divided into open deep groove ball bearing and sealed deep groove ball bearing. It is convenient to use and is widely used in the gearboxes, instruments and apparatuses, electric motors, household appliances, internal combustion engines, vehicles, agricultural machinery, construction machinery and construction machinery.

Open deep groove ball bearing consists of inner ring raceway outer ring raceway, ball and cage. Under normal operating conditions, the inner raceway, outer raceway and ball bear load while the cage charges for the separation and maintaining the stability for the ball. Our product mainly bears radial load and can also bear a certain amount of axial load.

Sealed deep groove ball bearing often adopts steel skeleton rubber sealing ring. It adopts a contact seal compared with the deep groove ball bearings with dust cover. The product has better dustproof and waterproof performance. But it has larger friction resistance and limited speed with certain restrictions. Our product mainly support radial load and can also bear a certain amount of axial load.

Deep groove ball bearing mainly bears radial load and can support radial and axial load at the same time. When it only bears the radial load, its contact angle is zero. Our product has the properties of angular contact bearings and endure large axial load when it has larger radial clearance. The product has a small friction coefficient and a high limited speed.

As a specialized deep groove ball bearing manufacturer in china, we offer a wide range of products that includes four point angular contact ball bearing, brass cage spherical roller bearing, cylindrical roller bearing, and double row tapered roller bearing, among others.



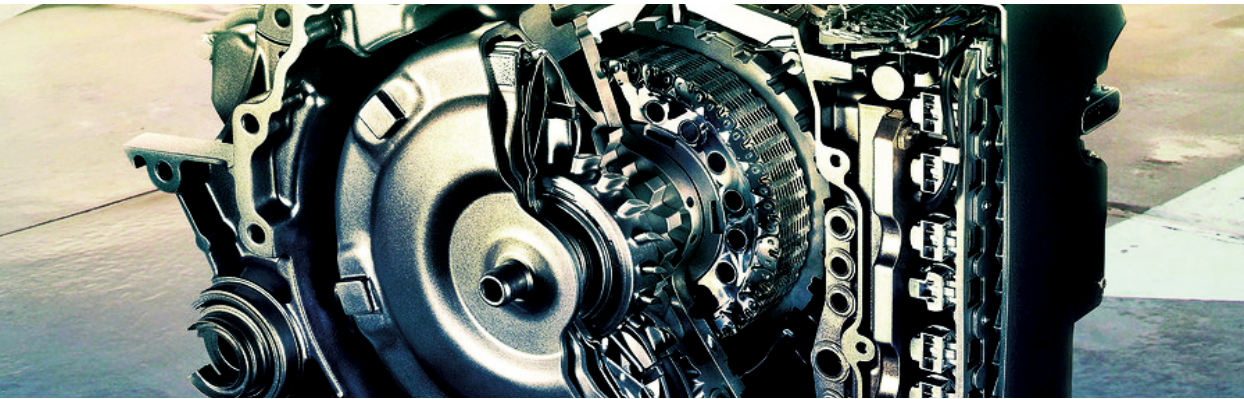
DEEP GROOVE BALL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
10	26	8	6000-Z	4.58	1.98	22000	30000	0.02
10	30	9	6200-Z	5.1	2.38	20000	26000	0.03
10	35	11	6300-Z	7.65	3.48	18000	24000	0.05
12	21	5	61801-Z	1.9	1	24000	32000	0.005
12	24	6	61901-Z	2.9	1.5	22000	28000	0.008
12	28	8	6001-Z	5.1	2.38	20000	26000	0.022
12	32	10	6201-Z	6.82	3.05	19000	24000	0.04
12	37	12	6301-Z	9.72	5.08	17000	22000	0.06
15	24	5	61802-Z	2.1	1.3	22000	30000	0.005
15	28	7	61902-Z	4.3	2.3	20000	26000	0.012
15	32	9	6002-Z	5.58	2.85	19000	24000	0.03
15	35	11	6202-Z	7.65	3.72	18000	22000	0.04
15	42	13	6302-Z	11.5	5.42	16000	20000	0.08
17	26	5	61803-Z	2.2	1.5	20000	28000	0.007
17	30	7	61903-Z	4.6	2.6	19000	24000	0.014
17	35	10	6003-Z	6	3.25	17000	21000	0.04
17	40	12	6203-Z	9.58	4.78	16000	20000	0.06
17	47	14	6303-Z	13.5	6.58	15000	18000	0.11
20	32	7	61804-Z	3.5	2.2	18000	24000	0.015
20	37	9	61904-Z	6.4	3.7	17000	22000	0.031
20	42	12	6004-Z	9.38	5.02	16000	19000	0.07
20	47	14	6204-Z	12.8	6.65	14000	18000	0.1
20	52	15	6304-Z	15.8	7.88	13000	16000	0.14
25	37	7	61805-Z	4.3	2.9	16000	20000	0.017
25	42	9	61905-Z	7	4.5	14000	18000	0.038
25	47	12	6005-Z	10	5.85	13000	17000	0.08
25	52	15	6205-Z	14	7.88	12000	15000	0.12
25	62	17	6305-Z	22.2	11.5	10000	14000	0.22
30	42	7	61806-Z	4.7	3.6	13000	17000	0.019
30	47	9	61906-Z	7.2	5	12000	16000	0.043
30	55	13	6006-Z	13.2	8.3	11000	14000	0.12
30	62	16	6206-Z	19.5	11.5	9500	13000	0.19
30	72	19	6306-Z	27	15.2	9000	11000	0.35
35	47	7	61807-Z	4.9	4	11000	15000	0.023
35	55	10	61907-Z	9.5	6.8	10000	13000	0.078
35	62	14	6007-Z	16.2	10.5	9500	12000	0.16
35	72	17	6207-Z	25.5	15.2	8500	11000	0.27
35	80	21	6307-Z	33.4	19.2	8000	9500	0.42
40	52	7	61808-Z	5.1	4.4	10000	13000	0.026
40	62	12	61908-Z	13.7	9.9	9500	12000	0.103
40	68	15	6008-Z	17	11.8	9000	11000	0.19
40	80	18	6208-Z	29.5	18	8000	10000	0.37

DEEP GROOVE BALL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
40	90	23	6308-Z	40.8	24	7000	8500	0.63
45	58	7	61809-Z	6.4	5.6	9000	12000	0.03
45	68	12	61909-Z	14.1	10.9	8500	11000	0.123
45	75	16	6009-Z	21	14.8	8000	10000	0.23
45	85	19	6209-Z	31.5	20.5	7000	9000	0.42
45	100	25	6309-Z	52.8	31.8	6300	7500	0.83
50	65	7	61810-Z	6.6	6.1	8500	10000	0.043
50	72	12	61910-Z	14.5	11.7	8000	9500	0.122
50	80	16	6010-Z	22	16.2	7000	9000	0.28
50	90	20	6210-Z	35	23.2	6700	8500	0.47
50	110	27	6310-Z	61.8	38	6000	7000	1.08
55	72	9	61811-Z	9.1	8.4	8000	9500	0.07
55	80	13	61911-Z	15.9	13.2	7500	9000	0.17
55	90	18	6011-Z	30.2	21.8	7000	8500	0.38
55	100	21	6211-Z	43.2	29.2	6000	7500	0.58
55	120	29	6311-Z	71.5	44.8	5600	6700	1.37
60	78	10	61812-Z	9.1	8.7	9000	8500	0.093
60	85	13	61912-Z	16.4	14.2	6700	8000	0.181
60	95	18	6012-Z	31.5	24.2	6300	7500	0.39
60	110	22	6212-Z	47.8	32.8	5600	7000	0.77
60	130	31	6312-Z	81.8	51.8	5000	6000	1.71
65	85	10	61813-Z	11.9	11.5	6700	8000	0.13
65	90	13	61913-Z	17.4	16	6300	7500	0.196
65	100	18	6013-Z	32	24.8	6000	7000	0.42
65	120	23	6213-Z	57.2	40	5000	6300	0.98
65	140	33	6313-Z	93.8	60.5	4500	5300	2.09
70	90	10	61814-Z	12.1	11.9	6300	7500	0.138
70	100	16	61914-Z	23.7	21.1	6000	7000	0.336
70	110	20	6014-Z	38.5	30.5	5600	6700	0.57
70	125	24	6214-Z	60.8	45	4800	6000	1.04
70	150	35	6314-Z	105	68	4300	5000	2.6
75	95	10	61815-Z	12.5	12.8	6000	7000	0.147
75	105	16	61915-Z	24.3	22.5	5600	6700	0.355
75	115	20	6015-Z	40.2	33.2	5300	6300	0.64
75	130	25	6215-Z	66	49.5	4500	5600	1.18
75	160	37	6315-Z	113	76.8	4000	4800	3.05
80	100	10	61816-Z	12.7	13.3	5600	6700	0.155
80	110	16	61916-Z	24.9	23.9	5300	6300	0.375
80	125	22	6016-Z	47.5	39.8	5000	6000	0.83
80	140	26	6216-Z	71.5	54.2	4300	5300	1.38
80	170	39	6316-Z	123	86.5	3800	4500	3.62
85	110	13	61817-Z	19.2	19.8	5000	6300	0.245

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg) ≈
d	D	B		Dynamic	Static	Grease	Oil	
85	120	18	61917-Z	31.9	29.7	4800	6000	0.507
85	130	22	6017-Z	50.8	42.8	4500	5600	0.86
85	150	28	6217-Z	83.2	63.8	4000	5000	1.75
85	180	41	6317-Z	132	96.5	3600	4300	4.27
90	115	13	61818-Z	19.5	20.5	4800	6000	0.258
90	125	18	61918-Z	32.8	31.5	4500	5600	0.533
90	140	24	6018-Z	58	49.8	4300	5300	1.1
90	160	30	6218-Z	95.8	71.5	3800	4800	2.2
95	120	13	61819-Z	19.8	21.3	4500	5600	0.27
95	130	18	61919-Z	33.7	33.3	4300	5300	0.558
95	145	24	6019-Z	57.8	50.0	4000	5000	1.14
95	170	32	6219-Z	110	82.8	3600	4500	2.62
100	125	13	61820-Z	20.1	22	4300	5300	0.283
100	140	20	61920-Z	42.7	41.9	4000	5000	0.774
100	150	24	6020-Z	64.5	56.2	3800	4800	1.25
100	180	34	6220-Z	122	92.8	3400	4300	3.2
105	130	13	61821-Z	20.3	22.7	4000	5000	0.295
105	145	20	61921-Z	43.9	44.3	3800	4000	0.808
105	160	26	6021-Z	71.8	63.2	3600	4500	1.52
110	140	16	61822-Z	28.1	30.7	3800	5000	0.496
110	150	20	61922-Z	43.6	44.4	3600	4500	0.835
110	170	28	6022-Z	81.8	72.8	3400	4300	1.87
120	150	16	61824-Z	28.9	32.9	3400	4300	0.536
120	165	22	61924-Z	55	56.9	3200	4000	1.131
120	180	28	6024-Z	87.5	79.2	3000	3800	2
130	165	18	61826-Z	37.9	42.9	3200	4000	0.736
130	180	24	61926-Z	65.1	67.2	3000	3800	1.496
140	175	18	61828-Z	38.2	44.3	3000	3800	0.784



PILLOW BLOCK BEARING



Pillow block bearing is a bearing unit which combines rolling bearing with the bearing block. Most pillow block bearings make the external diameter spherical and are mounted with bearing block with a spherical inner hole. The product has a variety of structural forms and good versatility and interchangeability.

Meanwhile, pillow block bearing has adjustable disposition and a double structure sealing device, and it is easy to install and can work under bad environment. The bearing block generally adopts the casting forming. Common bearing blocks consist of P vertical seat, F square base, FS convex square seat, FC convex circular seat, FL diamond-shaped seat. Our products apply to the situations which give priority to have simple equipment and spare parts, such as agricultural machinery, transport system or building machinery.

Vertical block is the largest application in the bearing block. UCP, UCPK and UCAK type bearings are all fixed on the shaft by the set screw of inner ring while the UKP type bearing is fixed on the shaft through the adapter sleeve.

UCF pillow block bearing is mainly applied in the occasion that the side which is vertical to axis is fixed by four bolts. Its fixed mode is the same with UCP pillow block bearing and widely used in machinery.

UCFC pillow block bearing is mainly used to install on the side hole with central requirements.

UCFL and UKFL type block is beneficial to save the space and weight and can be fixed by two bolts. It has the same installation hole size with the UCF block.

Insert bearing can be conveniently mounted and dismantled and can align. Its standard tolerance is the summation of inner diameter and tolerance or the difference of outer diameter and tolerance. The summation of inner diameter and tolerance ensures the lightness when and cooperates with the shaft. In addition, every insert bearing is not alone to use which must be installed with the bearing block as a whole. The whole is suitable for a variety of structural location due to its various shapes of bearing block. Our product can be divided into three categories which are apical paraphysis insert bearing, tapered insert bearing and eccentric bushing insert bearing.

PILLOW BLOCK BEARING

Plummer Block Bearing

Designation	Principal Dimensions (mm)						
	d	h	a	J	N	A1	A2
UCP201	12	30.2	127	95	12.7	13	19
UCP202	15	30.2	127	95	12.7	13	19
UCP203	17	30.2	127	95	12.7	13	19
UCP204	20	33.3	127	95	14.3	13	19
UCP205	25	36.5	140	105	14.3	13	19
UCP206	30	42.9	165	121	15.9	17	20
UCP207	35	47.6	167	127	17.5	17	20
UCP208	40	49.2	184	137	19	17	20
UCP209	45	54	190	146	19	17	20
UCP210	50	57.2	200	159	19	20	23
UCP211	55	63.5	219	171	22.2	20	23
UCP212	60	69.8	241	184	25.4	20	23
UCP213	65	76.2	265	203	25.4	25	28
UCP214	70	79.4	266	210	30.2	25	28
UCP215	75	82.6	275	217	33.3	25	28
UCP216	80	88.9	292	232	33.3	25	28
UCP217	85	95.2	310	247	34.1	25	28
UCP218	90	101.6	327	262	39.7	27	30
UCP305	25	45	175	132	45	17	20
UCP306	30	50	180	140	50	17	20
UCP307	35	56	210	160	56	17	25
UCP308	40	60	220	170	60	17	27
UCP309	45	67	245	190	67	20	30
UCP310	50	75	275	212	75	20	35
UCP311	55	80	310	236	80	20	38
UCP312	60	85	330	250	85	25	38
UCP313	65	90	340	260	90	25	38
UCP314	70	95	360	280	90	27	40
UCP315	75	100	380	290	100	27	40
UCP316	80	106	400	300	110	27	40
UCP317	85	112	420	320	110	33	45
UCP318	90	118	430	330	110	33	45
UCP319	95	125	470	360	120	36	50
UCP320	100	140	490	380	120	36	50
UCP321	105	140	490	380	120	36	50
UCP322	110	150	520	400	140	40	55
UCP324	120	160	570	450	140	40	55
UCP326	130	180	600	480	140	40	55
UCP328	140	200	620	500	140	40	55

PILLOW BLOCK BEARING

Principal Dimensions (mm)				Bolt	Bearing	Housing	Weight (kg)
A0	t	b	s				
14	62	31	38	M10	UC201	P203	0.69
14	62	31	38	M10	UC202	P203	0.69
14	62	31	38	M10	UC203	P203	0.68
15	71	34.1	38	M10	UC204	P204	0.66
15	71	34.1	38	M10	UC205	P205	0.81
17	84	38.1	48	M14	UC206	P206	1.24
18	93	42.9	48	M14	UC207	P207	1.58
18	100	49.2	54	M14	UC208	P208	1.89
20	106	49.2	54	M14	UC209	P209	2.14
21	113	51.6	60	M16	UC210	P210	2.66
23	125	55.6	60	M16	UC211	P211	3.31
25	138	65.1	70	M16	UC212	P212	4.9
27	150	65.1	70	M20	UC213	P213	5.15
27	156	74.6	72	M20	UC214	P214	6.2
28	162	77.8	74	M20	UC215	P215	7.16
30	174	82.6	78	M20	UC216	P216	8.1
32	185	85.7	83	M20	UC217	P217	9.81
33	198	96	88	M22	UC218	P218	11.96
15	85	38	15	M14	UC305	P305	1.4
18	95	43	17	M14	UC306	P306	1.8
20	106	48	19	M14	UC307	P307	2.8
22	116	52	19	M14	UC308	P308	3
24	129	57	22	M16	UC309	P309	4.1
27	143	61	22	M16	UC310	P310	5.8
30	154	66	25	M16	UC311	P311	7.4
32	165	71	26	M20	UC312	P312	9.4
33	176	75	30	M20	UC313	P313	10
35	187	78	33	M22	UC314	P314	12
35	198	82	32	M22	UC315	P315	14
40	210	86	34	M22	UC316	P316	18
40	220	96	40	M27	UC317	P317	20
45	235	96	40	M27	UC318	P318	24
45	250	103	41	M30	UC319	P319	29
50	275	108	42	M30	UC320	P320	35
50	280	112	44	M30	UC321	P321	35
55	300	117	46	M33	UC322	P322	45
65	320	126	51	M33	UC324	P324	55
75	355	135	54	M33	UC326	P326	72
75	390	145	59	M33	UC328	P328	89

Plummer Block Bearing With Flange

Designation	Principal Dimensions (mm)						
	d	h	a	J	N	A1	A2
UCFL201	12	113	25.5	90	11	15	12
UCFL202	15	113	25.5	90	11	15	12
UCFL203	17	113	25.5	90	11	15	12
UCFL204	20	113	25.5	90	11	15	12
UCFL205	25	130	27	99	13	16	16
UCFL206	30	148	31	117	13	18	16
UCFL207	35	161	34	130	14	19	16
UCFL208	40	175	36	144	14	21	16
UCFL209	45	188	38	148	15	22	19
UCFL210	50	197	40	157	15	22	19
UCFL211	55	224	43	184	18	25	19
UCFL212	60	250	48	202	18	29	23
UCFL213	65	258	50	210	22	30	23
UCFL214	70	265	54	216	22	31	23
UCFL215	75	275	56	225	22	34	23
UCFL216	80	290	58	233	22	34	25
UCFL217	85	305	63	248	24	36	25
UCFL218	90	320	68	265	24	40	25
UCFL305	25	150	113	16	13	29	19
UCFL306	30	180	134	18	15	32	23
UCFL307	35	185	141	20	16	36	23
UCFL308	40	200	158	23	17	40	23
UCFL309	45	230	177	25	18	44	25
UCFL310	50	240	187	28	19	48	25
UCFL311	55	250	198	30	20	52	25
UCFL312	60	270	212	33	22	56	31
UCFL313	65	295	240	33	25	58	31
UCFL314	70	315	250	36	28	61	35
UCFL315	75	320	260	39	30	66	35
UCFL316	80	355	285	38	32	68	38
UCFL317	85	370	300	44	32	74	38
UCFL318	90	385	315	44	36	76	38

Principal Dimensions (mm)				Bolt	Bearing	Housing	Weight (kg)
A0	t	b	s				
33.3	31	12.7	12.7	M10	UC201	FL204	0.45
33.3	31	12.7	12.7	M11	UC202	FL204	0.44
33.3	31	12.7	12.7	M12	UC203	FL204	0.43
33.3	31	12.7	12.7	M10	UC204	FL204	0.41
35.7	34.1	14.3	14.3	M14	UC205	FL205	0.58
40.2	38.1	15.9	15.9	M14	UC206	FL206	0.86
44.4	42.9	17.5	17.5	M14	UC207	FL207	1.08
51.2	49.2	19	19	M14	UC208	FL208	1.44
52.2	49.2	19	19	M16	UC2059	FL209	1.74
54.6	51.6	19	19	M16	UC210	FL210	2.1
58.4	55.6	22.2	22.2	M16	UC211	FL211	2.91
68.7	65.1	25.4	25.4	M20	UC212	FL212	3.74
69.7	65.1	25.4	25.4	M20	UC213	FL213	4.57
75.4	74.6	30.2	30.2	M20	UC214	FL214	5.11
78.5	77.8	33.3	33.3	M20	UC215	FL215	5.37
83.3	82.6	33.3	33.3	M22	UC216	FL216	7.2
87.6	85.7	34.1	34.1	M22	UC217	FL217	8.61
96.3	96	39.7	39.7	M22	UC218	FL218	10.51
80	39	38	15	M16	UC305	FL305	1.1
90	44	43	17	M20	UC306	FL306	1.6
100	49	48	19	M20	UC307	FL307	2
112	56	52	19	M20	UC308	FL308	2.7
125	60	57	22	M22	UC309	FL309	3.4
140	67	61	22	M22	UC310	FL310	4.4
150	71	66	25	M22	UC311	FL311	5.1
160	78	71	26	M27	UC312	FL312	6.1
175	78	75	30	M27	UC313	FL313	7.8
185	81	78	33	M20	UC314	FL314	9
195	89	82	32	M30	UC315	FL315	10
210	90	86	34	M33	UC316	FL316	13
220	100	96	40	M33	UC317	FL317	15
235	100	96	40	M33	UC318	FL318	18

PILLOW BLOCK BEARING

Square Plummer Block Bearing

Designation	Principal Dimensions (mm)						
	d	h	a	J	N	A1	A2
UCF201	12	86	25.5	64	12	12	15
UCF202	15	86	25.5	64	12	12	15
UCF203	17	86	25.5	64	12	12	15
UCF204	20	86	25.5	64	12	12	15
UCF205	25	95	27	70	14	12	16
UCF206	30	108	31	83	14	12	18
UCF207	35	117	34	92	16	14	19
UCF208	40	130	36	102	16	16	21
UCF209	45	137	38	105	18	16	22
UCF210	50	143	40	111	18	16	22
UCF211	55	162	43	130	20	19	25
UCF212	60	175	48	143	20	19	29
UCF213	65	187	50	149	22	19	30
UCF214	70	193	54	152	22	19	31
UCF215	75	200	56	159	22	19	34
UCF216	80	208	58	165	22	23	34
UCF217	85	220	63	175	24	23	36
UCF218	90	235	68	187	24	23	40
UCF305	25	110	80	16	13	29	16
UCF306	30	125	95	18	15	32	16
UCF307	35	135	100	20	16	36	19
UCF308	40	150	112	23	17	40	19
UCF309	45	160	125	25	18	44	19
UCF310	50	175	132	28	19	48	23
UCF311	55	185	140	30	20	52	23
UCF312	60	195	150	33	22	56	23
UCF313	65	208	166	33	22	58	23
UCF314	70	226	178	36	25	61	25
UCF315	75	236	184	39	25	66	25
UCF316	80	250	196	38	27	68	31

PILLOW BLOCK BEARING

Principal Dimensions (mm)				Bolt	Bearing	Housing	Weight (kg)
A0	t	b	s				
33.3	37.5	31	12.7	M10	UC201	F204	0.6
33.3	37.5	31	12.7	M10	UC202	F204	0.59
33.3	37.5	31	12.7	M10	UC203	F204	0.58
33.3	37.5	34.1	14.3	M10	UC204	F204	0.56
35.8	40	34.1	14.3	M10	UC205	F205	0.8
40.2	44.5	38.1	15.9	M10	UC206	F206	1.12
44.4	48.5	42.9	17.5	M12	UC207	F207	1.46
51.2	55.5	49.2	19	M14	UC208	F208	1.84
52.2	56.5	49.2	19	M14	UC209	F209	2.15
54.6	59.5	51.6	19	M16	UC210	F210	2.42
58.4	63	55.6	22.2	M16	UC211	F211	3.31
68.7	73.5	65.1	25.4	M16	UC212	F212	4.28
69.7	74.5	65.1	25.4	M16	UC213	F213	4.99
75.4	81.5	74.6	30.2	M16	UC214	F214	5.85
78.5	83.5	77.8	33.3	M16	UC215	F215	6.91
83.3	88.5	82.6	33.3	M20	UC216	F216	7.5
87.6	92.6	85.7	34.1	M20	UC217	F217	9.66
96.3	101.5	96	39.7	M20	UC218	F218	12.06
39	38	15		M14	UC305	F305	1.1
44	43	17		M14	UC306	F306	1.6
49	48	19		M16	UC307	F307	2
56	52	19		M16	UC308	F308	2.7
60	57	22		M16	UC309	F309	3.4
67	61	22		M20	UC310	F310	4.5
71	66	25		M20	UC311	F311	5.5
78	71	26		M20	UC312	F312	6.5
78	75	30		M20	UC313	F313	7.9
81	78	33		M22	UC314	F314	9.5
89	82	32		M22	UC315	F315	12
90	86	34		M27	UC316	F316	14

PILLOW BLOCK BEARING

Square Plummer Block Bearing

Designation	Principal Dimensions (mm)						
	d	h	a	J	N	A1	A2
UCT201	12	89	32	94	19	21	16
UCT202	15	89	32	94	19	21	16
UCT203	17	89	32	94	19	21	16
UCT204	20	89	32	94	19	21	16
UCT205	25	89	32	97	19	24	16
UCT206	30	102	37	113	22	28	16
UCT207	35	102	37	129	22	30	16
UCT208	40	114	49	144	29	33	19
UCT209	45	117	49	144	29	35	19
UCT210	50	117	49	149	29	37	19
UCT211	55	146	64	171	35	38	25
UCT212	60	146	64	194	35	42	32
UCT213	65	167	70	224	41	44	32
UCT214	70	167	70	224	41	46	32
UCT215	75	167	70	232	41	48	32
UCT216	80	184	70	235	41	51	32
UCT217	85	198	73	260	48	54	38
UCT305	25	16	14	62	36	26	65
UCT306	30	18	16	70	41	28	74
UCT307	35	20	17	75	45	30	80
UCT308	40	22	19	83	50	32	89
UCT309	45	24	20	90	55	34	97
UCT310	50	27	22	98	61	37	106
UCT311	55	29	23	105	66	39	115
UCT312	60	31	25	113	71	41	123
UCT313	65	32	27	116	70	43	134
UCT314	70	36	27	130	85	46	140
UCT315	75	36	27	132	85	46	150
UCT316	80	42	30	150	98	53	160
UCT317	85	42	32	152	98	53	170
UCT318	90	46	32	160	106	57	175
UCT319	95	46	33	165	106	57	180

PILLOW BLOCK BEARING

Principal Dimensions (mm)				Bearing	Housing	Weight (kg)
A0	t	b	s			
10	51	31	32	UC201	T204	0.8
10	51	31	32	UC202	T204	0.79
10	51	31	32	UC203	T204	0.78
10	51	31	32	UC204	T204	0.76
10	51	34.1	32	UC205	T205	0.81
10	56	38.1	37	UC206	T206	1.22
13	64	42.9	37	UC207	T207	1.44
16	83	49.2	49	UC208	T208	2.4
16	83	49.2	49	UC209	T209	2.36
16	83	51.6	49	UC210	T210	2.43
19	102	55.6	64	UC211	T211	4.11
19	102	65.1	64	UC212	T212	4.97
21	111	65.1	70	UC213	T213	6.65
21	111	74.6	70	UC214	T214	7.05
21	111	77.8	70	UC215	T215	7.41
21	111	82.6	70	UC216	T216	8.3
29	124	85.7	73	UC217	T217	11
12	80	89	122	UC305	T305	1.4
16	90	100	137	UC306	T306	1.8
16	100	111	150	UC307	T307	2.4
18	112	124	162	UC308	T308	3
18	125	138	178	UC309	T309	4
20	140	151	192	UC310	T310	5
22	150	163	207	UC311	T311	6.4
22	160	178	220	UC312	T312	7.6
26	170	190	238	UC313	T313	9.7
26	180	202	252	UC314	T314	11
26	192	216	262	UC315	T315	14
30	204	230	282	UC316	T316	16
32	214	240	298	UC317	T317	20
32	228	255	312	UC318	T318	22
35	240	270	322	UC319	T319	24

ROLLING MILL BEARING

Rolling mill bearing is widely used in the roll neck and roller of metallurgy, mining and other rolling mills. It usually adopts cylindrical roller bearing to bear radial load while it adopts deep groove ball bearing, angular contact ball bearing or tapered roller bearing with a radial design or thrust design to bear axial load. Our products can be divided into four categories which are four row taper roller bearing, four row cylindrical roller bearing, two row taper roller bearing and angular contact ball bearing.

Four row tapered roller bearing is successfully used in the bearings of the rolling mills with a low to medium rolling speed around the world. The bearing can not only bear radial load, but also bear the axial load appeared in the applications due to its design, and the bearing generally does not need additional thrust bearing. This means that the roll neck can be relatively short, and the roll bearing seat on both sides of the roll neck can adopt the same design. In terms of the design of the product, the bearing must be installed as complete bearing mounted on the roller bearing seat.

Four row cylindrical roller bearing has separate structure, and its bearing ring and rolling element components can be easily separated. Therefore, bearing cleaning, inspection and assembly and disassembly are very convenient. Our product has two series which are FC and FCD. FC type bearing consists of two outer rings and an inner ring.

The outer ring or inner ring of two row taper roller bearing is a whole. The two inner rings or outer rings have similar small end face and own a space ring between them. The clearance and external surplus can both be adjusted by the thickness of the space ring. Our products are widely used in automobile, rolling mill, mining, metallurgy and plastics machinery industry.

Angular contact ball bearing can withstand the combined load of mainly radial and axial load and torque load. It is mainly used in the shaft and shell component which restricts the bidirectional axial displacement. Our product has limited tilt between the inner ring and outer ring. The range of tilt angle depends on the bearing internal clearance, the bearing size, internal design and the forces and moments acting on the bearing. The maximum allowable tilt angle should ensure that the bearing does not produce high additional stress. However, the tilt angle will affect the bearing lifespan, decline the bearing running accuracy and magnify running noise.



ROLLING MILL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
100	135	80	FC202780	200	510	3400	4000	3
100	138	80	FC202880	260	600	3400	4000	3.7
100	140	70	FC202870	190	410	3400	4000	3.5
100	140	104	FC2028104	290	700	3400	4000	5.1
100	145	70	FC202970	220	460	3400	4000	4.1
100	150	106	FC2030106	350	740	3400	4000	6.8
110	150	80	FC223080	240	600	3100	3800	4.4
110	170	90	FC223490	360	750	2800	2600	7.9
110	170	120	FC2234120	360	750	2800	3600	10.6
120	180	92	FC243692	375	820	2600	3400	8.7
120	180	105	FC2436105	430	920	2600	3400	9.8
120	180	120	FC2436120	480	1060	2600	3400	11.2
130	200	104	FC2640104	480	1000	2400	3000	12.5
130	200	125	-	530	1140	2400	3000	15
140	190	119	FC2838119	470	1250	2400	3000	9.5
140	210	100	FC2842100	500	1100	2200	2800	12.8
140	210	106	FC2842106	500	1100	2200	2800	13.6
140	210	125	FC2842125	620	1360	2200	2800	15.87
140	210	155	FC2842155	760	1770	2200	2800	19.6
145	210	155	FC2942155	720	1560	2200	2800	17.5
145	225	156	FC2945156	800	1940	2000	2600	24.4
150	210	120	FC3042120	600	1500	2200	2800	12.5
150	210	120	FCD3042120	600	1500	2200	2800	12.5
150	220	120	FC3044120	630	1360	2100	2700	15
150	225	120	SFC3045120	790	1560	2000	2600	17.3
150	225	120	FC3045120	725	1590	2000	2600	17.5
150	225	150	FC3045150	780	1750	2000	2600	20
150	230	156	FC3046156	815	1660	2000	2600	23.5
150	230	156	SFC3046156	815	1900	2000	2600	23.5
160	225	168	FC3245168	950	2300	2000	2600	-
160	230	130	FC3246130	640	1610	2000	2600	18.7
160	230	130	SFC3246130	720	1500	2000	2600	18.5
160	230	168	-	820	2220	2000	2600	24.2
160	230	168	FC3246168	890	2270	2000	2600	22.2
160	230	168	SFC3246168	910	2070	2000	2600	22
160	240	124	FC3248124	670	1500	1900	2400	20.6
160	240	124	SFC3248124	780	1800	1900	2400	20.6
160	240	168	FC3248168	955	2330	1900	2400	27.9
160	240	168	FCD3248168	955	2330	1900	2400	26
160	260	168	FC3252168	955	2330	1800	2300	38.2
170	230	130	FC3446130	680	1700	1900	2400	16.3
170	230	180	FC3446180	700	2000	1900	2400	22.7

ROLLING MILL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
170	240	130	FC3448130	830	1800	1800	2300	-
170	250	170	FC3450170	1000	2400	1800	2200	29.9
170	250	170	SFC3450170	1050	2700	1800	2200	29.5
170	260	120	FC3452120	880	1770	1800	2200	24.2
170	260	120	SFC3452120	870	1770	1800	2200	-
170	260	150	FC3452150	860	1900	1800	2200	30.2
170	260	170	FC3452170	1080	2460	1800	2200	34.9
170	260	170	SFC3452170	1050	2300	1800	2200	-
170	260	225	FC3452225	1270	3350	1800	2200	-
180	250	120	FC3650120	600	1580	1800	2200	19
180	250	130	FC3650130	740	1750	1800	2200	20.7
180	250	156	FC3650156	710	1900	1800	2200	24.7
180	250	156	SFC3650156	900	2400	1800	2200	24.5
180	260	120	FC3652120	690	1860	1800	2200	20
180	260	124	FC3652124	720	1650	1800	2200	22.6
180	260	124	SFC3652124	875	1900	1800	2200	22.3
180	260	154	FC3652154	980	2200	1800	2200	28.2
180	260	160	FC3652160	900	2200	1800	2200	29.2
180	260	168	SFC3652168	1100	2500	1800	2200	30.5
180	260	168	FC3652168	985	2500	1800	2200	30.7
180	260	168	FCD3652168	985	2500	1800	2200	30
180	260	180	FC3652180	1100	2560	1800	2200	32.9
180	260	180	SFC3652180	1000	2600	1800	2200	32.6
180	280	180	FC3656180	1220	2580	1700	2000	43.4
180	280	180	SFC3656180	1200	2760	1700	2000	43
190	260	168	FC3852186	880	2560	1700	2000	27.9
190	265	124	FC3853124	820	1900	1700	2000	22.1
190	270	124	FC3854124	820	1900	1700	2000	24.2
190	270	168	-	1000	2450	1700	2000	32.7
190	270	168	FC3854168	1050	2700	1700	2000	32
190	270	170	FC3854170	890	2400	1700	2000	33
190	270	200	FC3854200	950	2400	1700	2000	38
190	270	200	SFC3854200	1300	3150	1700	2000	38.2
190	280	200	FC3856200	1500	3350	1700	2000	-
200	270	120	FC4054120	615	1600	1600	1900	20.8
200	270	170	FC4054170	830	2350	1600	1900	29.5
200	280	170	FC4056170	1000	2700	1600	1900	31.5
200	280	188	FC4056180	1140	3100	1600	1900	35
200	280	200	FC4056200	1020	2690	1600	1900	39.9
200	280	200	-	1150	2770	1600	1900	39.9
200	290	130	FC4058130	840	1950	1600	1900	29.9
200	290	192	FC4058192	1073	2950	1600	1900	41.7

ROLLING MILL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
200	290	192	FCD4058192	1240	3250	1600	1900	41.4
200	290	202	FC4058202	1250	3250	1600	1900	43.5
200	320	216	FC4064216	1580	3600	1500	1800	66
210	290	192	FC4258192	1035	3000	1500	1800	40.6
210	300	170	FC4260170	1035	2800	1500	1800	41.4
210	300	210	FC4260210	1300	3000	1500	1800	50.3
210	300	210	SFC4260210	1400	3400	1500	1800	50.5
210	300	210	FCD4260210	1300	3000	1500	1800	50
220	300	192	FC4460192	1085	3300	1400	1700	41.5
220	310	157	FC4462157	935	2500	1400	1700	39.7
220	310	157	SFC4462157	1135	2630	1400	1700	39.5
220	310	190	FC4462190	1285	3500	1400	1700	47.2
220	310	192	SFC4462192	1345	3200	1400	1700	48.5
220	310	192	FC4462192	1105	3100	1400	1700	48.6
220	310	225	FC4462225	1470	4100	1400	1700	52.5
220	320	210	FC4464210	1320	3500	1400	1700	59.8
220	330	230	FC4466230	1720	4300	1300	1600	67.5
220	340	192	-	1600	3440	1300	1600	65.6
220	340	192	SFC4468192	1820	3600	1300	1600	65.5
230	330	170	FC4666170	1145	2900	1300	1600	50.2
230	330	206	FC4666206	1410	3800	1300	1600	60.8
230	340	260	FC4668260	1920	5300	1300	1600	81
230	340	260	FCD4668260	1920	5300	1300	1600	80
230	365	250	FC4673250	2400	4900	1300	1600	-
240	330	220	FC486620	1840	4890	1300	1600	58.4
240	330	220	FCD4866220	1840	4890	1300	1600	58
240	340	192	-	1220	3150	1300	1600	58
240	340	192	FC4868129	1220	3150	1300	1600	58
240	350	220	FCD4870220	1630	4200	1300	1600	70
240	360	220	FC4872220	1800	4600	1200	1500	83
250	340	170	FC5068170	1145	3280	1200	1500	47.9
250	340	170	FCD5068170	1145	3280	1200	1500	47
250	350	220	SFC507020	1740	4400	1200	1500	69.5
250	350	220	FC5070220	1350	3800	1200	1500	72.7
250	350	220	FCD5070220	1350	3800	1200	1500	72
250	350	230	FC5070230	1350	3800	1200	1500	74
250	360	160	FC5072160	1080	2780	1100	1400	57
250	360	220	FC5072220	1500	4200	1100	1400	78.5
250	360	220	SFC5072220	1800	4600	1100	1400	78.5
260	360	192	FC5272192	1275	3450	1100	1400	62.3
260	360	192	SFC5272192	1500	3750	1100	1400	62
260	360	200	FC5272200	1485	4200	1100	1400	64.9

ROLLING MILL BEARING

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
260	370	200	FC5274200	1410	4050	1100	1400	74.2
260	370	220	FC5274220	1520	4350	1100	1400	75.8
260	370	220	SFC5274220	1900	4900	1100	1400	73.5
260	370	230	FC5274230	1550	4380	1100	1400	78.6
260	380	220	FC5276220	1520	4350	1100	1400	91.2
260	380	280	FCD5276280	2300	6600	1100	1400	107
260	380	280	-	1970	5700	1100	1400	114.5
260	400	200	FC5280200	1800	4050	1000	1300	95.6
260	400	290	FCD5280290	2710	7100	1000	1300	95.4
270	380	230	SFC5476230	2080	5170	1000	1300	85
270	380	230	FC5476230	1752	4550	1000	1300	85.3
270	380	275	FC5476275	2240	6400	1000	1300	96
270	390	220	FC5478220	1840	5000	1000	1300	86
270	390	240	FC5478240	2150	5450	1000	1300	91.5
270	390	240	SFC5478240	2410	5680	1000	1300	-
270	400	220	FC5480220	1835	4570	1000	1300	100
280	375	200	FC5675200	1480	4300	1000	1300	65.1
280	380	192	FC5676192	1430	4100	1000	1300	61.5
280	380	290	FC5676290	1890	5830	1000	1300	100
280	380	290	FCD5676290	1890	5830	1000	1300	100
280	390	220	FC5678200	1800	5350	1000	1300	85.1
280	390	220	FCD5678200	1800	5350	1000	1300	85
280	390	240	FC5678240	1765	5200	1000	1300	93.4
280	390	275	FC5678275	2240	6500	1000	1300	101
280	390	275	FCD5678275A	2250	6500	1000	1300	105.4
280	420	280	FCD56842801	2430	6600	1000	1300	143.4
290	400	180	FC5880180	1460	4000	950	1200	67
290	410	240	FC5882240	2100	5670	950	1200	105
290	410	240	FCD5882240	2100	5670	950	1200	105
290	410	240	SFC5882240	2300	6200	950	1200	104
290	420	300	FCD5884300	2840	8200	950	1200	137
300	420	218	FC6084218	1940	5280	900	1100	91.5
300	420	240	FC6084240	2060	5650	900	1100	107.8
300	420	240	FCD6084240	2225	5750	900	1100	107.5
300	420	300	FCD6084300	2310	6565	900	1100	134.7
300	420	300	FCDP6084300	2310	6565	900	1100	134.7
310	430	240	FCD6286240	2150	6300	900	1100	106
320	440	240	FC6488240	2120	3100	850	1000	113.9
320	440	240	FCD6488240	2120	3100	850	1000	113.9
320	440	300	FCD6488300	2530	7660	850	1000	142.3
320	450	240	FC6490240	2145	5860	850	1000	125.3
320	450	240	FCD6490240	2145	5860	850	1000	125

Principal Dimensions (mm)			Designation	Basic Load ratings (KN)		Limited Speed (rpm)		Weight (kg)
d	D	B		Dynamic	Static	Grease	Oil	≈
320	460	280	FC6492280	2450	6500	800	1000	159
320	460	300	FCD6492300	2800	8000	800	1000	164
320	460	240	FCD6492340	2900	8100	800	1000	193.1
320	480	290	FCD6496290	3170	8350	800	1000	185
320	480	350	FCD6496350	3710	10200	800	1000	224
320	480	350	FCDP6496350	3710	10200	800	1000	224
330	460	340	FCD6692340	2790	8260	800	1000	182
330	460	340	FCDP6692340	3190	9800	800	1000	182
340	450	250	FC6890250	2165	6300	800	1000	113
340	450	250	FCD6890250	2045	6130	800	1000	112.6
340	460	260	FC6892260	2135	5950	800	1000	128.25
340	460	260	FCD6892260	2135	5950	800	1000	128



Wide Field of Application

Bearing application
in various fields
Bearings are small
but contains
a huge strength
make our life
more beautiful

