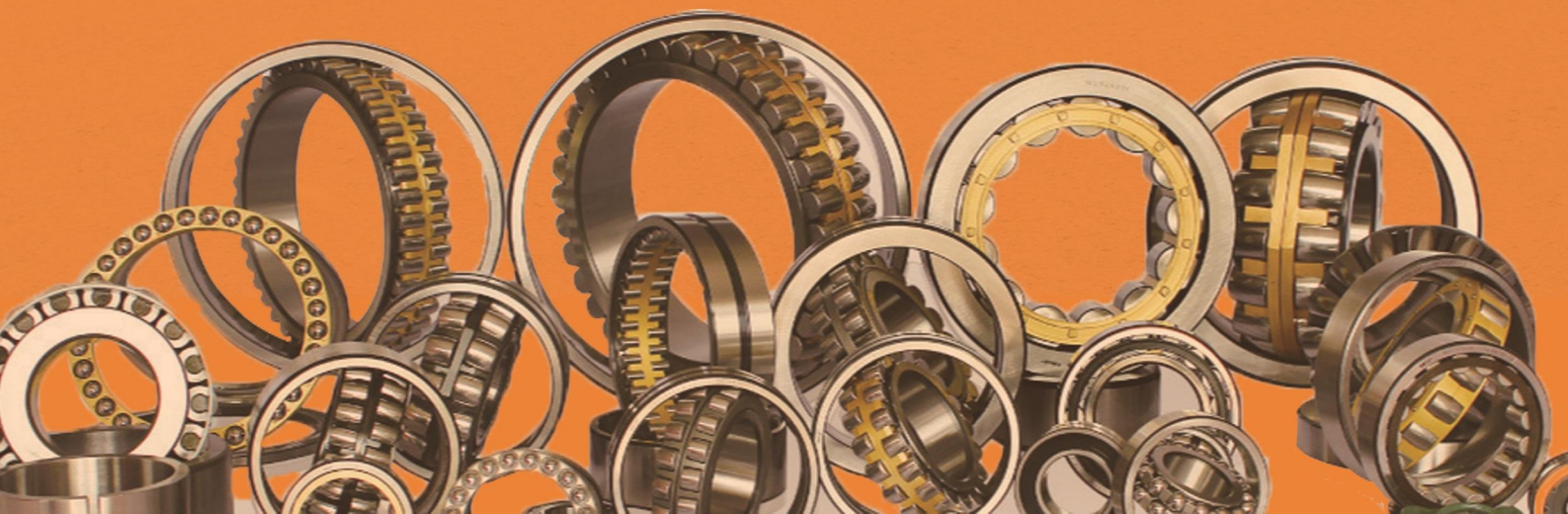




SHANDONG DOUST INDUSTRIAL TECHNOLOGY CO., LTD.

HIGH PRECISION BEARING MANUFACTURER





ABOUT US

Shandong Doust Industrial Technology Co., Ltd. was founded in June, 1996. We are a bearing manufacturer integrating the research, development and sales of bearings, with a floor area of 18,000 square meters and a plant area of 8,800 square meters. Equipped with modern production equipment and advanced detection instruments, the company specially produces DUT Doust Bearings including three varieties of spherical roller bearings, namely cylindrical roller bearings, tapered roller bearings and thrust spherical roller bearings, to replace imported high-end products. With precision of grade P0, grade P6, grade P5 or grade P4, Doust bearings are widely used in complete products in metallurgical, mining, petroleum, chemical, coal, cement, papermaking, wind power, heavy machinery, engineering machinery and port machinery industries.

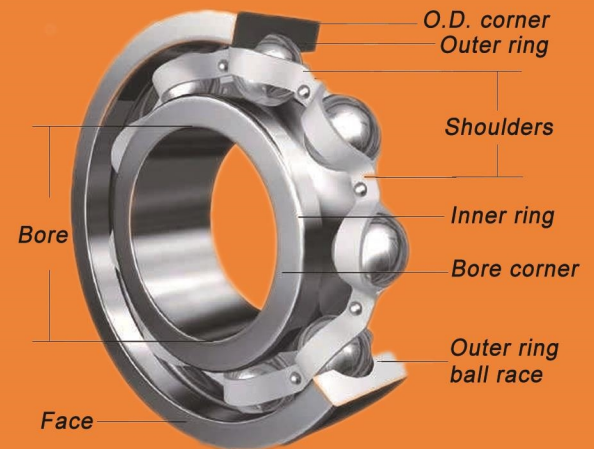
With self-run import & export rights, we sell products not only across China, but also in other countries and areas such as the United States, Canada, Italy, Russia, German and South Africa. Learning from advanced bearing enterprises abroad, Doust people continuously strive to create China-made fine bearings.

With revitalizing national industry as a mission, our company intends to impart life into local economy, promoting the coordinate and harmonious development among the company, the society and the nature. Adhering to the business philosophy of "Diligent Development, Sincere Service, Meticulous Manufacturing and Brand Strategy", the company works with customers at home and abroad with an honesty and fair principle.

The company has successively passed the certifications of ISO9001:2008 Quality Management System and ISO14001:2004 Environment Management System. The company adopts detailed quality control measures to enhance products and services, in order to provide global customers with high-quality products and services.

DEEP GROOVE BALL BEARING

Deep groove ball bearings consist of an outer ring, an inner ring, a set of steel balls and a set of retainers. Deep groove ball bearing type has a single row and double row, deep groove ball structure is also divided into two types of seal and open structure, open bearing is not sealed structure, sealed deep groove ball is divided into dust seal and oil seal. Dustproof sealing cover material for steel stamping, only play a simple to prevent dust into the bearing raceway. The oil-proof type is the contact type oil seal, can effectively prevent the grease inside the bearing spillover.



Deep Groove Ball Bearing Technical Parameter								
Bearing No.	Boundary Dimensions (mm)			Speed Rating (ipm)		Load Rating (kn)		Weight (kg)
	d	D	B	Grease lubrication	Oil lubrication	Dynamic Cr	Static Cor	
6005	25	47	12	15000	18000	10.1	5.85	0.08
6006	30	55	13	13000	15000	13.2	8.3	0.12
6007	35	62	14	12000	14000	16	10.3	0.16
6008	40	68	15	9000	11000	15.34	10.85	0.18
6009	45	75	16	8000	10000	21.19	14.77	0.24
6010	50	80	16	7300	9200	22.05	16.21	0.26
6011	55	90	18	6300	8000	30.97	22.52	0.37
6012	60	95	18	6000	7500	31.65	24.22	0.39
6013	65	100	18	5800	7200	32.23	24.72	0.42
6014	70	110	20	5400	6400	38.72	30.3	0.59
6015	75	115	20	5100	6100	39.5	33.5	0.64
6016	80	125	22	4800	5800	47.5	40	0.86
6017	90	140	24	4500	5400	51.33	42.8	0.87
6018	95	145	24	4200	5000	58	49.5	1.02
6019	100	150	24	4500	5300	60.5	54	1.08
6020	110	170	28	4200	5000	63.84	55.91	1.2
6022	120	180	28	3800	4500	81.9	72.8	1.93
6203	17	40	12	16000	20000	9.58	4.78	0.065
6204	20	47	14	14000	18000	12.8	6.65	0.106
6205	25	52	15	13000	15000	14	7.85	0.128
6206	30	62	16	11000	13000	19.5	11.3	0.199
6207	35	72	17	9200	11000	25.7	15.4	0.288
6208	40	80	18	8000	10000	29.5	18	0.368
6209	45	85	19	7000	9000	31.5	20.5	0.416
6210	50	90	20	7100	8500	35	23.2	0.5
6211	55	100	21	6300	7500	43.5	28.8	0.61
6212	60	110	22	5600	7100	53	33	0.79



Deep Groove Ball Bearing Technical Parameter

Bearing No.	Boundary Dimensions (mm)			Speed Rating (ipm)		Load Rating (kn)		Weight (kg)
	d	D	B	Grease lubrication	Oil lubrication	Dynamic Cr	Static Cor	
6213	65	120	23	5300	6300	56	41	0.97
6214	70	125	24	5000	6000	60.5	46	1.34
6215	75	130	25	4800	5600	66	50	1.16
6216	80	140	26	4500	5300	71.5	54.5	1.43
6217	85	150	28	4300	5000	83	64	1.8
6218	90	160	30	3800	4500	95.5	72	2.19
6219	95	170	32	3600	4300	108	81.5	2.61
6220	100	180	34	3400	4000	122	93	3.2
6302	15	42	13	16000	20000	11.5	5.42	0.082
6303	17	47	14	15000	18000	13.5	6.58	0.115
6304	20	52	15	13000	16000	15.8	7.88	0.142
6305	25	62	17	11000	13000	20.6	11.3	0.232
6306	30	72	19	8600	12000	26.7	15	0.346
6307	35	80	21	8500	10000	33.4	19.3	0.457
6308	40	90	23	7000	8500	40.8	24	0.639
6309	45	100	25	6300	7500	52.8	31.8	0.837
6310	50	110	27	6300	7500	62	38	1.07
6311	55	120	29	5600	6700	71.5	45	1.39
6312	60	130	31	5300	6300	82	48.5	1.71
6313	65	140	33	4800	5600	92.5	59.5	2.1
6314	70	150	35	4500	5300	104	68	2.55
6315	75	160	37	4300	5000	113	116	3.1
6316	80	170	39	3800	4500	119	86.5	3.64
6317	85	180	41	3800	4500	102	96.5	4.33
6318	90	190	43	3400	4000	144	108	4.97
6319	95	200	45	3200	3800	152	122	5.65
6320	100	215	47	2800	3600	173	141	7.01

Deep groove ball bearings can be used in gearboxes, instruments, motors, household appliances, internal combustion engines, transportation vehicles, agricultural machinery, construction machinery, construction machinery, roller skates, yo-yo, etc.



Automobiles



Low noise motors



Precision instruments



General machinery



SPHERICAL ROLLER BEARING

A spherical roller bearing is a rolling-element bearing that permits rotation with low friction, and permits angular misalignment. Typically these bearings support a rotating shaft in the bore of the inner ring that may be misaligned in respect to the outer ring.

Spherical bearings are used in countless industrial applications, where there are heavy loads, moderate speeds and possibly misalignment. Some common application areas are: gearboxes wind turbines continuous casting machines material handling pumps mechanical fans and blowers mining and construction equipment pulp and paper processing equipment marine propulsion and offshore drilling off-road vehicles.



Spherical Roller Bearing Technical Parameter

Bearing No.	Boundary Dimensions (mm)			Weight (kg)
	d	D	B	
22205CAW/33	25	52	18	0.178
22206CKW/33	30	62	20	0.28
22207CAW/33	35	72	23	0.43
22208CAW/33	40	80	23	0.5
22209CAW/33	45	85	23	0.59
22210CAW/33	50	90	23	0.622
22211CAW/33	55	100	25	0.887
22212CAW/33	60	110	28	1.19
22213CAW/33	65	120	31	1.6
22214CAW/33	70	125	31	1.6
22215CAW/33	75	130	31	1.71
22216CAW/33	80	140	33	2.02
22217CAW/33	85	150	36	2.64
22218CAW/33	90	160	40	3.35
22219CAW/33	95	170	43	4.12
22220CAW/33	100	180	46	5.13
22222CAW/33	110	200	53	7.4
22224CAW/33	120	215	58	8.96
22226CAW/33	130	230	64	11.3
23022CAW/33	110	170	45	3.75
23024CAW/33	120	180	46	4.2
23026CAW/33	130	200	52	6.1
23028CAW/33	140	210	53	6
23030CAW/33	150	225	56	7.95
23032CAW/33	160	240	60	9.7
23034CAW/33	170	260	67	13.154
23036CAW/33	180	280	74	17.124
23038CAW/33	190	290	75	17.1
23040CAW/33	200	310	82	23
23044CAW/33	220	340	90	31.4
23048CAW/33	240	360	92	34
23050CAW/33	250	420	106	51
23052CAW/33	260	400	104	49.6
23056CAW/33	280	420	106	52.5



Spherical Roller Bearing Technical Parameter

Bearing No.	Boundary Dimensions (mm)			Weight (kg)
	d	D	B	
22309CA/W33	45	100	36	1.39
22310CA/W33	50	110	40	1.88
22311CA/W33	55	120	43	2.17
22312CA/W33	60	130	46	2.97
22313CA/W33	65	140	48	3.49
22314CA/W33	70	150	51	4.26
22315CA/W33	75	160	55	5.34
22316CA/W33	80	170	58	6.63
22317CA/W33	85	180	60	7.07
22318CA/W33	90	190	64	8.76
22319CA/W33	95	200	67	9.93
22320CA/W33	100	215	73	13.7
22322CA/W33	110	240	80	17.7
22324CA/W33	120	260	86	22.9
22326CA/W33	130	280	93	28.5
24015CA/W33	75	115	40	1.423
24018CA/W33	90	140	50	2.92
24020CA/W33	100	150	50	2.95
24022CA/W33	110	170	60	4.98
24024CA/W33	120	180	60	5.4
24026CA/W33	130	200	69	7.95
24028CA/W33	140	210	69	8.45
24030CA/W33	150	225	175	10.5
24032CA/W33	160	240	80	13
24034CA/W33	170	260	90	16.7
24036CA/W33	180	280	100	22.5
24038CA/W33	190	290	100	24
24040CA/W33	200	310	109	30.5
24044CA/W33	220	340	118	34
24048CAAA/33	240	360	118	42.5
24052CA/W33	260	400	140	64.5

Spherical bearings are used in countless industrial applications, where there are heavy loads, moderate speeds and possibly misalignment. Some common application areas are: gearboxes wind turbines continuous casting machines material handling pumps mechanical fans and blowers mining and construction equipment pulp and paper processing equipment marine propulsion and offshore drilling off-road vehicles.



Wind turbine



Blower



Offshore drilling platform



Gearbox



SUV

TAPER ROLLER BEARING

Tapered roller bearings refer to radial thrust rolling bearings whose rolling elements are tapered rollers. There are two types of bearings with large taper angle and small taper angle. The large cone angle mainly bears the combined axial and radial loads mainly based on the axial load, and is generally not used to bear the pure axial load alone. The taper angle mainly bears the combined radial and axial loads mainly based on radial loads. It is often used in pairs and installed in reverse. The inner and outer races can be installed separately. The radial and axial clearances can be adjusted during installation and use.



Tapered Roller Bearing Technical Parameter								
Bearing No.	Boundary Dimensions (mm)					Load Rating (kn)		Weight (kg)
	d	D	T	B	C	Dynamic Cr	Static Cor	
30203	17	40	13.25	12	11	20.5	20.3	0.08
30204	20	47	15.25	14	12	28.2	28.7	0.127
30205	25	52	16.25	15	13	31.5	34	0.154
30206	30	62	17.25	16	14	43.5	48	0.241
30207	35	72	18.25	17	15	55.5	61.5	0.344
30208	40	80	19.25	18	16	61	67	0.435
30209	45	85	20.75	19	16	67.5	78.5	0.495
30210	50	90	21.75	20	17	77	93	0.563
30211	55	100	22.75	21	18	93	111	0.74
30212	60	110	23.75	22	19	105	125	0.949
30213	65	120	24.75	23	20	123	148	1.18
30214	70	125	26.25	24	21	131	162	1.26
32004	20	42	15	15	12	24.9	27.9	0.097
320/22	22	44	15	15	11.5	27	31.5	0.106
32005	25	47	15	15	11.5	27.8	33.5	0.114
320/28	28	52	16	16	12	33	40.5	0.146
32006	30	55	17	17	13	37.5	46	0.166
320/32	32	58	17	17	13	37	46.5	0.181
32203	17	40	17.25	16	14	27.3	28.3	0.102
32204	20	47	19.25	18	15	36.5	39.5	0.16
32204	20	47	19.25	18	15	35	39	0.163
32205	25	52	19.25	18	16	42	47	0.187
32205	25	52	19.25	18	15	38	46.5	0.19
32303	17	47	20.25	19	16	31.9	29.9	0.174
32304	20	52	22.25	21	18	46.5	48.5	0.245
32305	25	62	25.25	24	20	61.5	64.5	0.381
32306	30	72	28.75	27	23	79	94	0.592

Tapered roller bearings are widely used in automobiles, rolling mills, mining, metallurgy, plastic machinery and other industries.



High speed rail



Aircraft



Automobiles



Metallurgy



Cold rolling mill



Wind power generation



CYLINDRICAL ROLLER BEARING

Cylindrical roller bearings have rollers that provide a modified line contact with the cylindrical inner and outer ring raceways, while the rollers are guided by ground ribs on either the inner or outer ring. The cylindrical shape allows the inner ring to have axial movement relative to the outer ring. This is especially important when accommodating thermal expansion, where both rings must be press-fitted.



Cylindrical Roller Bearing Technical Parameter				
Bearing No.	Boundary Dimensions (mm)			Weight (kg)
	d	D	B	
NJ 1005EM	25	47	12	0.084
NJ 1006EM	30	55	13	0.121
NJ 1007EM	35	62	14	0.182
NJ 1008EM	40	68	15	0.23
NJ 1009EM	45	75	16	0.289
NJ 1010EM	50	80	16	0.29
NJ 1011EM	55	90	18	0.45
NJ 1012EM	60	95	18	0.43
NJ 1013EM	65	100	18	0.508
NJ 1014EM	70	110	20	0.71
NJ 1015EM	75	115	20	0.739
NJ 1016EM	80	125	22	1
NJ 1017EM	85	130	22	1.12
NJ 1018EM	90	140	24	1.36
NJ 1019EM	95	145	24	1.53
NJ 1020EM	100	150	24	1.75
NU 202EM	15	35	11	0.06
NU 203EM	17	40	12	0.08
NU 204EM	20	47	14	0.14
NU 205EM	25	52	15	0.153
NU 206EM	30	62	16	0.259
NU 207EM	35	72	17	0.298
NU 208EM	40	80	18	0.45
NU 209EM	45	85	19	0.51
NU210EM	50	90	20	0.477
NU211EM	55	100	21	0.71
NU212EM	60	110	22	0.95



Cylindrical Roller Bearing Technical Parameter

Bearing No.	Boundary Dimensions (mm)			Weight (kg)
	d	D	B	
NU 213EM	65	120	23	1.21
NU 214EM	70	125	24	1.2
NU 215EM	75	130	25	1.48
NU 216EM	80	140	26	1.72
NU 217EM	85	150	28	2
NU 218EM	90	160	30	2.55
NU 219EM	95	170	32	3.07
NU 220EM	100	180	34	3.47
N 202EM	15	35	11	0.06
N 203EM	17	40	12	0.07
N 200EM	20	47	14	0.14
N205EM	25	52	15	0.149
N 206EM	30	62	16	0.22
N207EM	35	72	17	0.349
N208EM	40	80	18	0.391
N209EM	45	85	19	0.46
N210EM	50	90	20	0.592
N211EM	55	100	21	0.7
N212EM	60	110	22	0.86
N213EM	65	120	23	1.2
N214EM	70	125	24	1.3
N215EM	75	130	25	1.39
N216EM	80	140	26	1.72
N217EM	85	150	28	2
N218EM	90	160	30	2.55
N219EM	95	170	32	3.07
N220EM	100	180	34	3.35

Cylindrical roller bearings are widely used in large and medium-sized electric motors, rolling stock, machine tool spindles, internal combustion engines, generators, gas turbines, gearboxes, rolling mills, vibrating screens, and hoisting and transporting machinery, etc.



Blowers



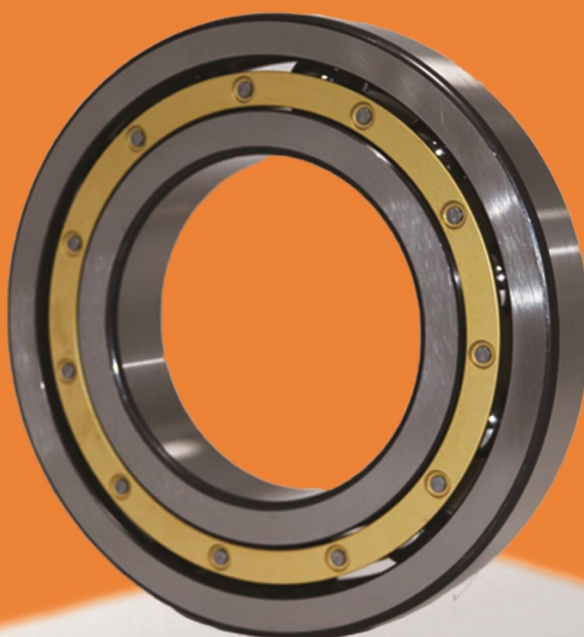
Traction motors



Mining



Briquetting machines



Pumps



Rotary dryers

ANGULAR CONTACT BALL BEARING

Single row angular contact ball bearings are self-retaining units with solid inner and outer rings and ball and cage assemblies with polyamide, sheet metal or brass cages. The raceways of the inner and outer rings are offset from each other along the bearing axis. The bearings are available in open and sealed designs. Their angular adjustment facility is very limited.

Double row angular contact ball bearings are units with solid inner and outer rings and ball and cage assemblies with polyamide, sheet steel or brass cages. Their construction is similar to a pair of single row angular contact ball bearings in an O arrangement but they are narrower to a certain extent. They differ in the size of the contact angle and the design of the bearing rings.

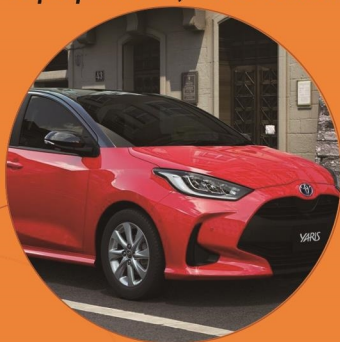


Angular Contact Ball Bearing Technical Parameter				
Bearing No.	Boundary Dimensions (mm)			Weight (kg)
	d	D	B	
7000AC	10	26	8	0.02
7001AC	12	28	8	0.028
7002AC	15	32	9	0.035
7003AC	17	35	10	0.04
7004AC	20	42	12	0.07
7005AC	25	47	12	0.08
7006AC	30	55	13	0.012
7007AC	35	62	14	0.143
7008AC	40	68	15	0.19
7009AC	45	75	16	0.24
7010AC	50	80	16	0.273
7200AC	10	30	9	0.031
7201AC	12	32	10	0.035
7202AC	15	35	11	0.043
7203AC	17	40	12	0.075
7204AC	20	47	14	0.11
7205AC	25	52	15	0.127
7206AC	30	62	16	0.2
7207AC	35	72	17	0.3
7300AC	10	35	11	0.054
7301 AC	12	37	12	0.054
7302AC	15	42	13	0.054
7303AC	17	47	14	0.103
7304AC	20	52	15	0.14
7305AC	25	62	17	0.23
7306AC	30	72	19	0.345
7307AC	35	80	21	0.51
7308AC	40	90	23	0.749



Single row angular contact ball bearings: machine tool spindles, high frequency motors, gas turbines, centrifugal separators, front wheels of small cars, differential pinion shafts, booster pumps, drilling platforms, food machinery, indexing heads, repair welding machines, Low-noise cooling towers, electromechanical equipment, painting equipment, machine tool slots, arc welding machines

Double row angular contact ball bearings: oil pumps, roots blowers, air compressors, various transmissions, fuel injection pumps, printing machinery, planetary reducers, extraction equipment, cycloid reducers, food packaging machinery, electric welding machines, electric soldering irons, Square box, gravity spray gun, wire stripping machine, half shaft, inspection and analysis equipment, fine chemical machinery.



Automobiles



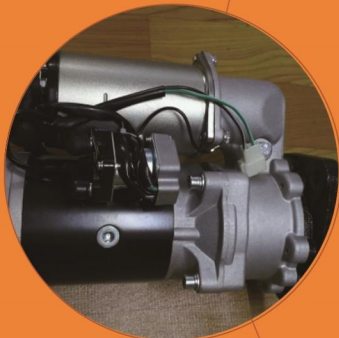
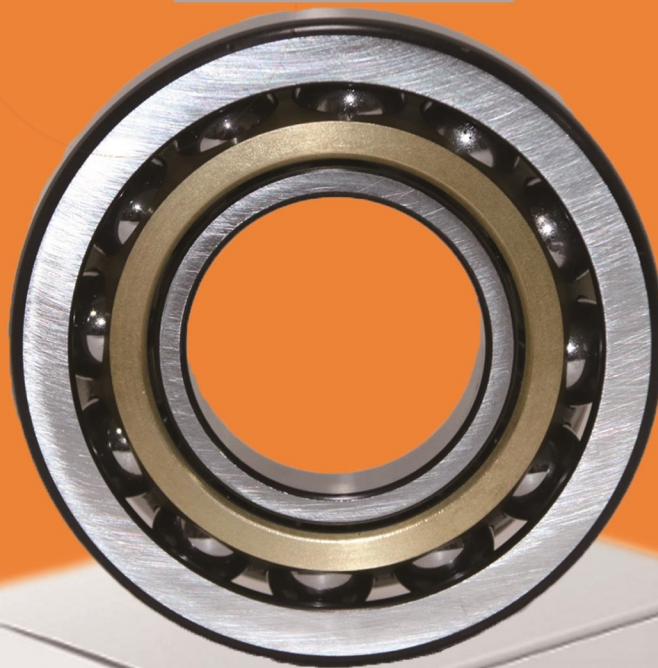
Food machinery



Drilling platform



Machine tool spindles



Motors

SELF-ALIGNING BALL BEARING

In a self-aligning bearing, the inner ring has two raceways and the outer ring has a single spherical raceway with its center of curvature coincident with the bearing axis. Self-Aligning Double Row Ball Bearings are designed to work in applications where severe misalignment exists whether from mounting or shaft deflection. The concave raceway of the outer ring in combination with two rows of balls operate over a wide range of contact angles.



Bearing No.	Boundary Dimensions (mm)			Basic load ratings (KN)		Weight (kg)
	d	D	B	Dynamic Cr	Static Cor	
1200	10	30	9	4.22	1.32	0.035
2200	10	30	14	5.48	1.72	0.05
1300	10	35	11	5.55	1.82	0.06
2300	10	35	17	8.48	2.5	0.09
1202	15	35	11	5.75	2.02	0.051
2202	15	35	14	5.88	2.15	0.06
1302	15	42	13	7.3	2.65	0.1
2302	15	42	17	9.22	3.25	0.11
1203	17	40	12	6.08	2.4	0.076
2203	17	40	16	6.92	2.75	0.09
1303	17	47	14	9.6	3.68	0.14
2203	17	47	19	11.2	4.02	0.09
1204	20	47	14	7.65	3.18	0.12
2204	20	47	18	9.62	3.88	0.15
1304	20	52	15	9.6	4.02	0.17
2304	20	52	21	13.8	5.28	0.22
1205	25	52	15	9.32	4.02	0.14
2205	25	52	18	9.62	4.28	0.26
1305	25	62	17	13.8	5.98	0.26
2305	25	62	24	18.8	7.45	0.35
1206	30	62	16	12.2	5.78	0.23
2206	30	62	20	11.8	5.68	0.26
1306	30	72	19	16.5	7.75	0.4
2306	30	72	27	24.2	10	0.5
1207	35	72	17	12.2	6.62	0.32
2207	35	72	23	16.8	8.32	0.44
1307	35	80	21	19.2	9.8	0.54



Bearing No.	Boundary Dimensions (mm)			Basic load ratings (KN)		Weight (kg)
	d	D	B	Dynamic Cr	Static Cor	
1207	35	72	17	12.2	6.62	0.32
2207	35	72	23	16.8	8.32	0.44
1307	35	80	21	19.2	9.8	0.54
2307	35	80	31	30.2	12.8	0.68
1208	40	80	18	14.8	8.52	0.41
2208	40	80	23	17.2	9.45	0.53
1308	40	90	23	22.8	12.2	0.71
2308	40	90	33	34.5	15.8	0.93
1209	45	85	19	16.8	9.55	0.49
2209	45	85	23	17.8	10.8	0.55
1309	45	100	25	29.2	15.8	0.96
2309	45	100	36	41.5	19.5	1.25
1210	50	90	20	17.5	9.8	0.54
2210	50	90	23	17.8	11.2	0.68
1310	50	110	27	33.2	17.5	1.21
2310	50	110	40	49.5	23.5	1.64
1211	55	100	21	27.6	10.6	0.71
2211	55	100	25	39	13.4	0.81
1311	55	120	29	50.7	18	1.6
2311	55	120	43	76.1	24	2.1
1212	60	110	22	31.2	12.2	0.9
2212	60	110	28	48.8	17	1.1
1312	60	130	31	58.5	22	1.95
2312	60	130	46	87.1	28.5	2.6
1213	65	120	23	36.1	14	1.15
2213	65	120	31	57.2	20	1.45
1313	65	140	33	65	25.5	2.45

Self-aligning ball bearings are suitable for bearing heavy loads and shock loads, precision instruments, low-noise motors, automobiles, motorcycles, metallurgy, rolling mills, mining, petroleum, paper, cement, sugar and other industries and general machinery, etc.



Wind turbine



Offshore drilling platform



Mining



Motorcycle



Low noise motor



Car

THRUST BALL BEARING

Thrust ball bearings are classified into those with flat seats or aligning seats depending on the shape of the outer ring seat (housing washer). They can sustain axial loads but no radial loads. For Single-Direction Thrust Ball Bearings, pressed steel cages and machined brass cages are usually used. The cages in Double-Direction Thrust Ball Bearings are the same as those in Single-Direction Thrust Ball Bearings of the same diameter series.



Thrust Ball Bearing Technical Parameter				
Bearing No.	Boundary Dimensions (mm)			Weight (kg)
	d	D	B	
51100	10	24	9	0.02
51101	12	26	9	0.022
51102	15	28	9	0.024
51103	17	30	9	0.028
51104	20	35	10	0.04
51105	25	42	11	0.059
51106	30	47	11	0.068
51107	35	52	12	0.09
51108	40	60	13	0.12
51109	45	65	14	0.15
51110	50	70	14	0.16
51111	55	78	16	0.24
51112	60	85	17	0.29
51113	65	90	17	0.34
51114	70	95	18	0.36
51115	75	100	19	0.42
51116	80	105	19	0.43
51117	85	110	19	0.46
51118	90	120	22	0.68
51120	100	135	25	0.99
51122	110	145	25	1.08
51124	120	155	25	1.16
51126	130	170	30	1.87
51128	140	180	31	2.2
51136	180	225	34	3.39
51138	190	240	37	3.95
51148	240	300	45	7.38

The use of thrust ball bearings: only suitable for parts that bear axial load on one side and have low speed, such as crane hooks, vertical water pumps, vertical centrifuges, jacks, low-speed reducers, etc. The shaft washer, seat washer and rolling element of the bearing are separated and can be assembled and disassembled separately.



Vertical centrifuge



Vertical water pump



Lifting jack



Crane hook



Low speed reducer

NEEDLE ROLLER BEARING

Needle bearings are roller bearings with cylindrical rollers, which are thin and long relative to their diameter. This needle roller bearing is equipped with thin and long rollers (roller diameter $D \leq 5\text{mm}$, $L/D \geq 2.5$, L is the length of the roller), so the radial structure is compact, and its inner diameter size and load capacity are different from other types. When the bearing is the same, the outer diameter is the smallest, which is especially suitable for the support structure with limited radial installation size.



1. Radial needle roller and cage assembly (K type)
2. Needle roller bearings with double lock ring on the outer ring (NA type, NKI type, RNA type, NK type)
3. Single row needle roller bearings with double ribs on the outer ring (NA type, NKI type, RNA type, NK type)
4. Double row needle roller bearings with double ribs on the outer ring (type NA, type RNA)
5. Drawn cup needle roller bearings (HK type, BK type)

Needle Roller Bearing Technical Parameter			
Bearing No.	Boundary Dimensions (mm)		
	d	D	B
HK1010	10	14	10
HK1012	10	14	12
HK1210	12	16	10
HK1412	14	20	12
HK1416	14	20	16
HK1512	15	21	12
HK1516	15	21	16
HK1612	16	22	12
HK1616	16	22	16
HK1712	17	23	12
HK1812	18	24	12
HK1816	18	24	16
HK2010	20	26	10
HK2012	20	26	12
HK2016	20	26	16
HK2210	22	28	10
HK2212	22	28	12
HK2216	22	28	16
HK2512	25	32	12
HK2516	25	32	16
HK2520	25	32	20
HK2816	28	35	16
HK2820	28	35	20
HK3012	30	37	12
HK3016	30	37	16
HK3020	30	37	20
HK3512	35	42	12

Needle roller bearings have various structures and different application scopes as follows:

1. Needle roller bearings with drawn cups. This kind of bearing has two kinds of perforated type and sealed type.

Scope of application: The drawn cup needle roller bearing with cage is suitable for high speed and heavy load, and is mostly used in the gearbox of machine tools, automobiles, motorcycles or textile machinery.

Stamped ferrule needle roller bearings without cage, such as the frame of the aircraft, the shaft end of the main wing of the missile, etc.

2. Solid ring needle roller bearings. Scope of application: It is mostly used in machine tools and automobile gearboxes. It has the advantages of small radial section size and large radial load.

3. Needle roller and cage assembly. Needle roller and cage assemblies are actually needle roller bearings without ferrules. Scope of application: mostly used for large and small ends of connecting rods of automobiles and motorcycles.



Gearbox



Motorcycle



Textile machinery



Electric drill



Blower

OTHER BEARINGS



THRUST ROLLER BEARING



PILLOW BLOCK BEARING



WHEEL HUB BEARING



LINEAR BEARING



ADAPTER SLEEVE



SPHERICAL PLAIN BEARING

FACTORY SHOW



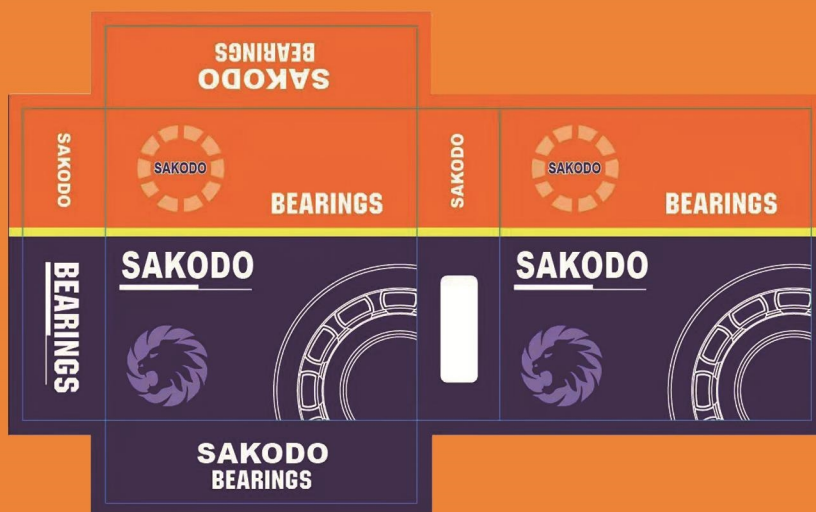
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