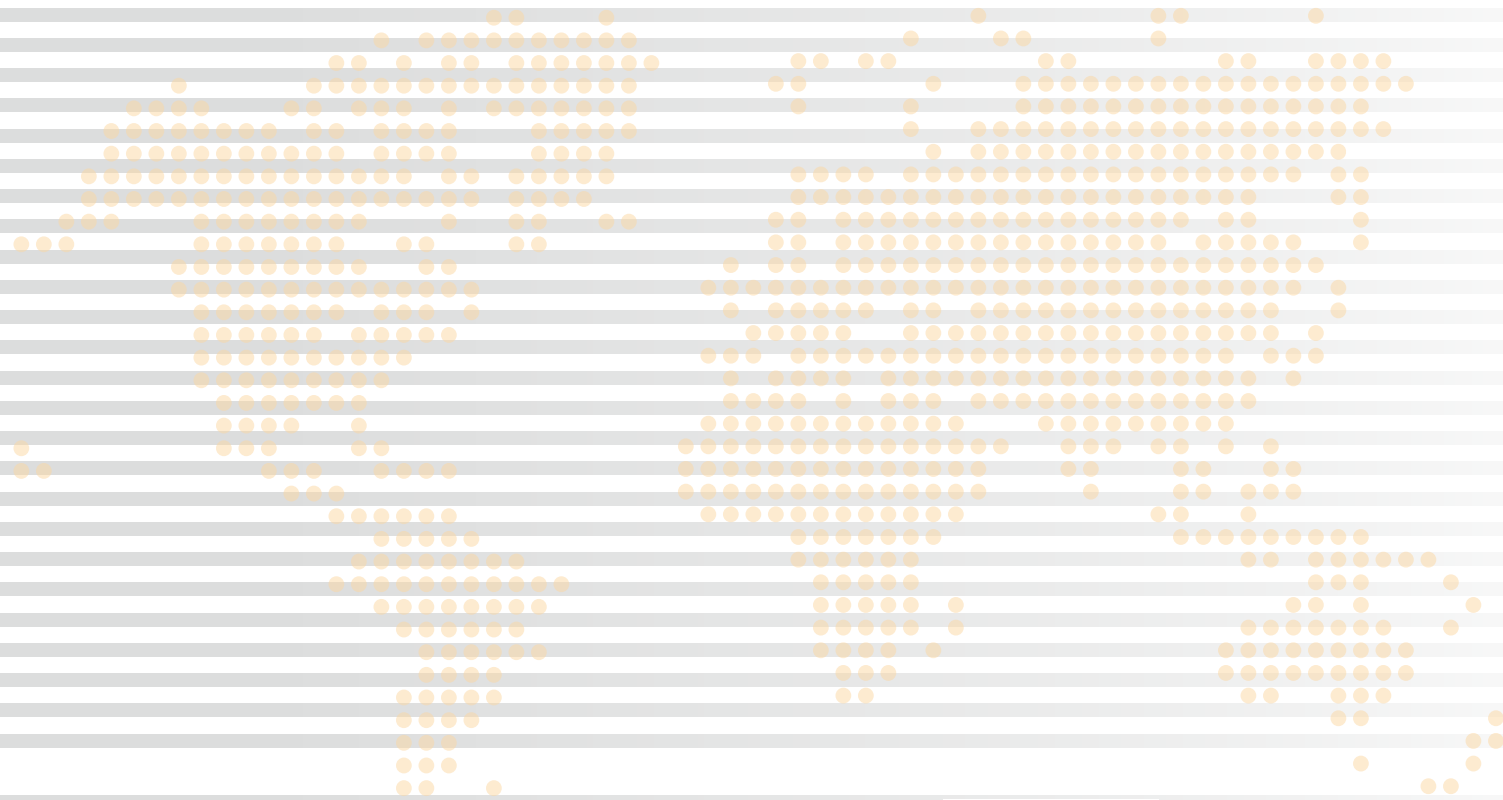


品质铸就未来



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常州欧迈轴承有限公司
Changzhou Omai Bearing Co., LTD



企业简介

常州欧迈轴承有限公司是一家集设计、研发、生产、销售为一体的综合型企业。公司已有10余年发展历史，并顺利通过ISO9001:2000质量体系认证。

欧迈恪守“以质量求市场，以创新求发展”的方针，建立了完善的质量保证体系。公司将继续以生产高精度，低噪音，长寿命的产品为宗旨，确保每一套出厂的轴承都是100%的合格品。

公司注册品牌为“YTBT”，专业生产公英制圆锥滚子轴承，汽车轴承，深沟球轴承等，型号规格齐全，产品广泛用于汽车，摩托车，减速机，矿山，冶金，电力，重型机械，煤炭机械，水泥机械等行业，远销美国、巴西、希腊，沙特，巴基斯坦，非洲，伊朗，土耳其等国家和地区，高端稳定的轴承品质深得国内外客户信赖。

公司秉承“诚信第一，客户至上”的经营理念，竭诚为客户提供高端的产品和优质的服务。

诚邀国内外朋友惠顾本公司洽谈业务，让我们携手合作，共创美好未来！

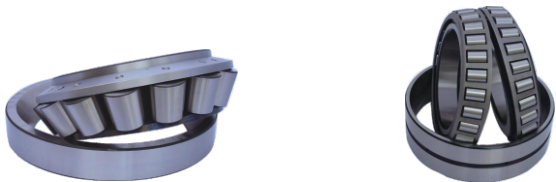
英制圆锥滚子轴承 Imperial tapered roller bearings



轴承型号 Bearing No.	主要尺寸 Dimensions (mm)			额定动负荷 Load ratings		极限转速 r/min Limit Speeds		重量 Weight (Kg)
	d	D	B	cr	cor	脂润滑 Grease	油润滑 oil	
LM29748/10	38.1	65.008	18.034	42.5	55	5600	7100	0.235
LM29749/10	38.1	65.008	18.034	42.5	55	5600	7100	0.233
39580/39520	57.15	112.712	30.162			3200	4100	1.402
39581/39520	57.15	112.712	30.162			3200	4100	1.372
L44649/10	26.988	50.292	14.224			7500	9500	0.12
45285/21	50.8	104.775	30.162			3700	4700	1.22
L45449/10	29	50.292	14.224	27	33	7300	9300	0.11
LM48548/10	34.925	65.088	18.034			5800	7400	0.262
52400/52618	101.6	157.162	36.512	26.8	34	2200	2800	2.364
LM67048/10	31.75	59.131	15.875	47.5	57.5	6400	8100	0.181
L68149/10	34.925	59.131	15.875			6100	7800	0.169
LM78349/10	35	62	16.65			6000	7600	0.208
M86643/10	25.4	64.292	21.433			6200	7800	0.378
HM86649/10	30.162	64.292	21.433	51	64.5	6200	7800	0.341
M88043/10	30.162	68.262	22.225			5700	7300	0.441
M88048/10	33.338	68.262	22.225	55.5	70.5	5700	7300	0.373
HM88469/10	34.925	72.333	25.4	63.5	83.5	5400	6900	0.489
HM89446/10	34.925	76.2	29.37			5200	6500	0.643
HM102949/10	45.242	73.431	19.588	53.9	69.5	4900	6200	0.305
LM104949/11	50.8	82.55	21.59	60.8	94.1	4400	5500	0.429
15579X/20	28.987	57.15	17.462			7000	8900	0.211
JM205149/10	50	90	28	104	136	4200	5300	0.749
HM212047/11	63.5	122.238	38.1	159	146	3100	3900	1.97
HM212049/10	66.675	122.238	38.1	193	254	3100	3900	1.905
HM218248/10	89.974	146.975	40	235	351	2500	3100	2.57
HM220149/10	99.974	156.975	42	243	391	2300	2900	2.912
LM300849/10	40.988	67.975	17.5			5300	6800	0.233
LM501349/10	41.275	73.431	19.558	55	70	5100	6400	0.336
HM518445/10	88.9	152.4	39.668	258	373	2400	3100	2.9
534565/528983	70	130	57			2900	3700	2.772
537598B	31.75	76.2	26.195			5400	6800	0.65
LM603049/11	45.242	77.788	19.842			4600	5900	0.385
HM803149/10	44.5	88.9	30.612			4400	5500	0.835

领航未来

英制圆锥滚子轴承
Imperial tapered roller bearings



轴承型号 Bearing No.	主要尺寸 Dimensions (mm)			额定动负荷 Load ratings		极限转速 r/min Limit Speeds		重量 Weight (Kg)
	d	D	B	cr	cor	脂润滑 Grease	油润滑 oil	
455/453	50.8	107.95	27.783	109	144	3500	4400	1.28
580/572	82.55	139.992	36.512	178	265	2600	3300	2.123
663/653	82.55	146.05	41.275	207	296	2500	3200	2.698
665/653	85.725	146.05	41.275	207	296	2500	3200	2.563
740/742	80.962	150.089	44.45	239	230	2500	3100	3.373
749/742	85.026	150.089	44.45	265	370	2500	3100	3.188
759/752	88.9	161.925	47.625	327	441	2300	2900	4.028
2580/2523	31.75	69.85	23.812	71	84	5700	7300	0.445
3782/3720	44.45	93.264	30.162	105	132	4200	5400	0.962
3975/3929	50.8	112.712	33.338	112	165	3200	4100	1.59
3979/3820	57.15	112.712	30.162	83	116	3200	4100	1.402
4395/4335	42.07	90.488	39.688			4400	5600	1.2
5565/5535	50.8	122.238	43.658			3400	4300	2.76
9278/9220	68.262	161.925	49.21	256	304	2300	2900	4.52
9380/21	76.2	171.45	49.212			2400	3000	5.043
15113/15245	28.575	62	19.05	46	52	6400	8600	0.276
15118/15245	30.213	62	49.05	46	53	6400	8000	0.262
15123/15245	31.75	62	18.161	46	53	6400	8600	0.24
15126/15245	31.75	62	19.05	46	53	6400	8600	0.253
16137/16382	34.925	92	19			5400	6900	0.356
17887/17831	45.23	9.985	19.842			4600	5900	0.409
LM11949/10	19.05	45.237	15.494	27.5	27.5	8500	12000	1.89
24780/20	41.275	76.2	22.225			5000	6300	0.418
25580/20	44.45	82.931	23.812	78	100	4500	5700	0.5603
25590/25520	45.618	82.931	23.812	76.5	99	4500	5700	0.538
27687/27620	82.55	125.412	25.4	117	178	2800	3500	1.046
27695/20	84.976	125.412	25.4			2800	3500	0.974
27880/27820	38.1	80.035	24.068			4900	6200	0.565
28580/28521	50.8	92.075	24.068			0	5200	0.697
28584/28521	52.388	92.075	24.068	84.5	117	4000	5100	0.671
28680/28622	55.562	97.63	24.068			3800	4800	0.757
29587/29520	63.5	107.95	25.34			3300	4200	0.911
29590/29522	66.675	107.95	25.4			3300	4200	0.856

Company profile

Changzhou Omai Bearing Co.,Ltd. is one of the most professional bearing manufacturers over 10 years.We carry out research ,development,manufacturing ,and sales under one roof.We are also an ISO9001:2000 certificated company in China.

At present we mainly produce metric/inch tapered roller bearings,automobile bearings and deep groove ball bearings.Consummate equipment,advanced craft&technology,high precision testing instruments enhances machining accuracy greatly and guarantees the superior quality of the goods effectively.which make sured all products well-accepted by customers from America,Brazil,Greece,Saudi Arabia,Pakistan,Iran,Turkey as well as Africa and so on.

Our products mainly used for industries related to mines, smelting, oilfield, steel mill, engineering machinery, automobile, agricultural vehicles, hoisting machinery. Based on honest, professional, practical, innovative and disciplined management ideas ,our own registered brand“YTBT”win good reputation among customers.

Sincerely hope to establish mutual-benefit relationship with friends all over the world and strive for our prosperous career together.

深沟球轴承

Deep groove ball bearing

深沟球轴承结构简单，使用方便，是生产批量最大、应用范围最广的一类轴承，该轴承主要用以承受径向负荷，也可承受一定的轴向负荷。当轴承的径向游隙加大时，具有角接触球轴承的功能，可承受较大的轴向负荷。与尺寸相同的其它类型比较，此类轴承摩擦系数小，极限转速高。在转速较高不宜采用推力球轴承的情况下可用该类轴承承受径向轴承负荷。

Deep groove ball bearing has simple structure, easy to use, is the production batch biggest, the most widely application scope of bearing, the bearing is mainly used to bear radial load, also can absorb a certain amount of axial load. When bearing radial clearance increases, has the function of angular contact ball bearings can withstand axial load. Compared with the same size of other types, such bearing small friction coefficient, high limit speed. In high speed under the condition of unfavorable use thrust ball bearings are available this kind of bearing radial load.

系 列 Series	轴承内径 (mm) Bearing internal diameter(mm)	派生结构 Derive structure
6000	10~320	Z、2Z、RS、2RS、N、NR、2ZN
6200	10~300	Z、2Z、RS、2RS、N、NR、2ZN
6300	10~220	Z、2Z、RS、2RS、N、NR、2ZN
6400	17~90	N、NR



圆锥滚子轴承

Tapered roller bearing



轴承型号 Bearing No.	原型号 Old item	主要尺寸 Dimensions (mm)			额定动负荷 Load ratings		极限转速 r/min Limit Speeds		重量 Weight (Kg)
		d	D	B	cr	cor	脂润滑 Grease	油润滑 oil	
32305	7605E	25	62	25.25	61.6	68.6	6300	8000	0.368
32306	7606E	30	72	28.75	81.6	94.6	5600	7000	0.546
32307	7607E	35	80	32.75	99	118.3	5000	6300	0.761
32308	7608E	40	90	35.25	115.7	147.8	4500	5600	1.041
32309	7609E	45	100	42.25	145.3	189.4	4000	5000	1.398
32310	7610E	50	110	45.5	117.5	236.1	3800	4800	1.88
32311	7611E	55	120	48.5	203	271.4	3400	4300	2.357
32312	7612E	60	130	48.5	226.7	303	3200	4000	2.861
32313	7613E	65	140	51	259.6	349.8	2800	3600	3.47
32314	7614E	70	150	54	298.9	408.5	2600	3400	4.294
32315	7615E	75	160	58	347.4	483.1	2400	3200	5.328
32316	7616E	80	170	61.5	387.9	543.1	2200	3000	6.237
32317	7617E	85	180	63.5	421.8	592.8	2000	2800	7.227
32318	7618E	90	190	67.5	478.3	683.3	1700	2400	8.54
32319	7619E	95	200	71.5	516.1	737.7	1700	2400	9.94
32320	7620E	100	215	77.5	600.1	872.2	1600	2200	14
31305	27305E	25	62	18.25	40.7	46.1	6300	8000	0.262
31306	27306E	30	72	20.75	52.5	60.4	5600	7000	0.392
31307	27307E	35	80	22.75	65.7	76.8	5000	6300	0.514
31308	27308E	40	90	25.25	81.4	96.4	4500	5600	0.727
31309	27309E	45	100	27.25	95.6	113.8	4000	5000	0.944
31310	27310E	50	110	29.25	408	128.5	3800	4800	1.205
31311	27311E	55	120	31.5	129.9	158	3400	4300	1.545
31312	27312E	60	130	33.5	145.4	176.8	3200	4000	1.861
31313	27313E	65	140	3	165.7	202.6	2800	3600	2.329
31314	27314E	71	150	38	186.9	231	2600	3400	2.812
31315	27315E	75	160	40	208.5	258.9	2400	3200	3.38
31318	27318E	90	190	46	281.7	357.1	2100	2700	5.48
32006	2007106E	30	55	17	35.7	46.8	6300	8000	0.17
32007	2007107E	35	62	18	43.2	59.2	5600	7000	0.224
32008	2007108E	40	68	19	51.9	71.1	5300	6700	0.226

圆锥滚子轴承
Tapered roller bearing



轴承型号 Bearing No.	原型号 Old item	主要尺寸 Dimensions (mm)			额定动负荷 Load ratings		极限转速 r/min Limit Speeds		重量 Weight (Kg)
		d	D	B	cr	cor	脂润滑 Grease	油润滑 oil	
30312	7312E	60	130	33.5	175	203	3200	4000	2.003
30313	7313E	65	140	36	197.5	244.4	2900	3700	2.43
30314	7314E	70	150	38	218.8	274.7	2700	3500	3.006
30315	7315E	75	160	40	250.3	318.6	2600	3200	3.57
30316	7316E	80	170	42.5	286	343	2400	3000	4.27
30317	7317E	85	180	44.5	304.5	392.4	2300	2900	4.958
30318	7318E	90	190	46.5	341.7	445.7	2100	2700	5.79
30319	7319E	95	200	49.5	368.6	483	2000	2600	6.782
30320	7320E	100	215	51.5	406	532.3	1700	2400	8.22
32205	7505E	25	52	19.25	39	48.8	6700	9000	0.183
32206	7506E	30	62	21.25	51.8	63.9	6000	7500	0.286
32207	7507E	35	72	24.25	70.6	89.7	5300	6700	0.442
32208	7508E	40	80	24.75	77.9	97.5	5000	6300	0.528
32209	7509E	45	85	22.75	80.3	105.1	4500	2600	0.566
	127509	45	85	24.15	77	93	4600	5800	0.594
32210	7510E	50	90	24.15	89.4	120	4300	5300	0.624
32211	7511E	55	100	24.75	107.5	143.8	3800	4800	0.85
32212	7512E	60	110	26.75	132.2	181.5	3600	4500	1.164
32213	7513E	65	120	29.75	163	212	3200	4000	1.541
32214	7514E	70	125	32.75	168.1	238	3000	3800	1.638
32215	7515E	75	130	33.25	169.5	244.1	2800	3600	1.734
32216	7516E	80	140	33.25	160	241	2600	3400	2.102
32217	7517E	85	150	38.5	220	323	2400	3200	2.659
32218	7518E	90	160	42.5	269.1	396.9	2200	3000	3.415
32219	7519E	95	170	45.5	313	443	2000	2800	4.188
32220	7520E	100	180	49	340.2	513.7	1900	2600	5.053
32221	7521E	105	190	53	380.1	581.2	1800	2400	6.206
32222	7522E	110	200	56	430.7	668.6	1700	2200	7.367
32224	7524E	120	215	61.5	492	741	1500	1900	9.204

深沟球轴承
Deep groove ball bearing



轴承型号 Bearing No.	原型号 Old item	主要尺寸 Dimensions (mm)			额定动负荷 Load ratings		极限转速 r/min Limit Speeds		重量 Weight (Kg)
		d	D	B	cr	cor	脂润滑 Grease	油润滑 oil	
6000	100	10	26	8	4.58	1.97	30000	36000	0.019
6001	101	12	28	8	5.11	2.39	27000	36000	0.021
6002	102	15	32	9	5.6	2.85	23000	27400	0.03
6003	103	17	35	10	6	3.25	21000	25000	0.039
6004	104	20	42	12	9.4	5.05	17000	21000	0.069
6005	105	25	47	12	10.1	5.85	15000	18000	0.08
6006	106	30	55	13	13.2	8.25	13000	15000	0.116
6007	107	35	62	14	15.9	10.3	11000	13000	0.155
6008	108	40	68	15	16.7	11.5	10000	12000	0.192
6009	109	45	75	16	21	15.1	9200	11000	0.245
6010	110	50	80	16	21.8	16.6	8400	9900	0.261
6011	111	55	90	18	28.3	21.2	7600	8900	0.385
6012	112	60	95	18	29.4	23.2	7100	8400	0.415
6013	113	5	100	18	30.5	25.2	6600	7800	0.435
6014	114	70	110	20	38.1	30.9	6100	7200	0.602
6015	115	75	115	20	39.5	33.5	5700	6800	0.638
6016	116	80	125	22	47.6	39.8	5300	6300	0.85
6017	117	85	130	22	49.5	43.1	5000	5900	0.89
6018	118	90	140	24	58.2	49.7	4700	5600	1.16
6019	119	95	145	24	60.4	53.9	4400	5200	1.21
6020	120	100	150	24	60.2	54.2	4300	5100	1.25
6021	121	105	160	26	71.92	63.32	4000	4800	1.52
6022	122	110	170	28	81.89	72.86	3800	4500	1.891
6024	124	120	180	28	87.69	79.35	3500	4200	1.989
6026	126	130	200	33	105.08	95.82	3200	3800	3.073

深沟球轴承
Deep groove ball bearing



轴承型号 Bearing No.	原型号 Old item	主要尺寸 Dimensions (mm)			额定动负荷 Load ratings		极限转速 r/min Limit Speeds		重量 Weight (Kg)
		d	D	B	cr	cor	脂润滑 Grease	油润滑 oil	
6203	203	17	40	12	9.55	4.8	17000	21000	0.065
6204	204	20	47	14	12.8	6.65	15000	17000	0.106
6205	205	25	52	15	14	7.85	13000	15000	0.128
6206	206	30	62	16	19.5	11.3	11000	13000	0.192
6207	207	35	72	17	25.7	15.4	9200	11000	0.288
6208	208	40	80	18	29.1	17.8	8300	10000	0.366
6209	209	45	85	19	32.7	20.3	7700	9200	0.407
6210	210	50	90	20	35.1	23.3	7100	8500	0.463
6211	211	55	100	21	43.5	29.2	6300	7600	0.607
6212	212	60	110	22	52.4	36.2	5700	6900	0.783
6213	213	65	120	23	57.2	40.1	5400	6400	0.99
6214	214	70	125	24	62.2	44.1	5100	6000	1.07
6215	215	75	130	25	67.4	48.3	4800	5800	1.18
6216	216	80	140	26	72.7	53	4500	5400	1.4
6217	217	85	150	28	84	61.9	4200	5000	1.79
6218	218	90	160	30	96.1	71.5	3900	4700	2.15
6219	219	95	170	32	109	81.9	3700	4400	2.62
6220	220	100	180	34	122	93.1	3500	4200	3.14
6221	221	105	190	36	133	105	3300	3900	3.7
6222	222	110	200	38	144	117	3100	3700	4.36
6224	224	120	215	40	155	131	2900	3400	5.15
6303	303	17	47	14	13.6	6.65	15000	18000	0.115
6304	304	20	52	15	15.9	7.85	14000	17000	0.144
6305	305	25	62	17	20.6	11.3	11000	13000	0.232
6306	306	30	72	19	33.4	17.3	9800	12000	0.379

圆锥滚子轴承
Tapered roller bearing



轴承型号 Bearing No.	原型号 Old item	主要尺寸 Dimensions (mm)			额定动负荷 Load ratings		极限转速 r/min Limit Speeds		重量 Weight (Kg)
		d	D	B	cr	cor	脂润滑 Grease	油润滑 oil	
30203	7203E	17	40	13.25	20.7	21.9	10000	14000	0.079
30204	7204E	20	47	15.25	27.2	27.2	8700	12000	0.126
30205	7205E	25	52	16.25	39.4	39.4	7800	9900	0.156
30206	7206E	30	62	17.25	50.6	50.6	6500	8300	0.233
30207	7207E	35	72	18.25	63.7	63.7	5600	7100	0.334
30208	7208E	40	80	19.75	74.1	74.1	5000	6300	0.424
30209	7209E	45	85	20.75	84.4	84.4	5600	5800	0.4879
30210	7210E	50	90	21.75	97.4	97.4	4300	5300	0.529
30211	7211E	55	100	22.75	115.7	115.7	3900	4900	0.717
30212	7212E	60	110	23.75	131.5	131.5	3500	4500	0.907
30213	7213E	65	120	24.75	154.2	154.2	3200	4100	1.134
30214	7214E	70	125	26.75	174.3	174.3	3100	3900	1.3
30215	7215E	75	130	27.25	186.9	186.9	2900	3700	1.37
30216	7216E	80	140	28.25	213.6	213.6	2700	3500	1.673
30217	7217E	85	150	30.5	242.5	242.5	2600	3200	2.072
30218	7218E	90	160	32.5	270.5	270.5	2400	3000	2.5396
30219	7219E	95	170	34.5	287	287	2300	2900	3.054
30220	7220E	100	180	37	351.6	351.6	2100	2700	3.718
30221	7221E	105	190	39	400	400	2000	2600	4.385
30222	7222E	110	200	41	445.1	445.1	1900	2500	5.22
30224	7224E	120	215	43.5	487.2	487.2	1700	2300	6.2
30303	7303E	17	47	13.25	28.3	27.4	9200	12000	0.129
30304	7304E	20	52	15.25	33.1	33.2	8300	11000	0.126
30305	7305E	25	62	16.25	47	48.3	6900	8700	0.265
30306	7306E	30	72	17.25	59	63.9	5900	7500	0.387
30307	7307E	35	80	18.25	75.4	83.6	5200	6600	0.518
30308	7308E	40	90	19.75	90.8	108.7	4600	5800	0.749
30309	7309E	45	100	20.75	108.7	131.2	4100	5200	0.988
30310	7310E	50	110	21.75	129.9	158.7	3800	4800	1.28
30311	7311E	55	120	22.75	153.1	189.7	3400	4300	1.63

圆锥滚子轴承
Tapered roller bearing

圆锥滚子轴承注意适用于承受以径向与轴向联合负荷,而大锥角圆锥滚子轴承可以承受以轴向负荷为主的径向与轴向联合负荷.此种轴承为分离型轴承,其内圈(含圆锥滚子和保持架)的外圈可以分别安装.

Tapered roller bearing note applies to bear to the radial and axial joint Load, and the big cone Angle tapered roller bearings can withstand axial load primarily The radial and axial loads. This kind of bearing for separating type bearing, its circle (including the taper roller and cage) of the outer ring can be installed separately.

公制系列 Meteic series	轴承内径 (mm) Bearing internal dimeter(mm)
30200	10~300
30300	10~320
32000	10~240
32200	30~260
32300	30~240
33000	30~240
33100	30~240
33200	30~240
32900	30~240



深沟球轴承
Deep groove ball bearing



轴承型号 Bearing No.	原型号 Old item	主要尺寸 Dimensions (mm)			额定动负荷 Load ratings		极限转速 r/min Limit Speeds		重量 Weight (Kg)
		d	D	B	cr	cor	脂润滑 Grease	油润滑 oil	
6307	307	35	80	21	33.4	19.3	8500	10000	0.457
6308	308	40	90	23	40.75	24	7700	9200	0.633
6309	309	45	100	25	48.9	29.5	6800	8100	0.833
6310	310	50	110	27	62	38.2	6100	7300	1.07
6311	311	55	120	29	71.6	45	5600	6700	1.37
6312	312	60	130	31	8.9	52.2	5200	6200	1.7
6313	313	65	140	33	92.7	59.9	4800	5800	2.08
6314	314	70	150	35	104	68.2	4500	5400	2.52
6315	315	75	160	37	113	77.2	4200	5000	3.02
6316	316	80	170	39	123	86.7	3900	4700	3.59
6317	317	85	180	41	133	96.8	3700	4400	4.23
6318	318	90	190	43	143	107	3500	4200	4.91
6319	319	95	200	45	153	119	3300	4000	5.67
6320	320	100	215	47	173	141	3000	3600	7
6405		25	80	21	36.1	19.4	9100	11000	0.534
6406		30	90	23	43.4	31.6	8100	9700	0.735
6407		36	100	25	55	31	7200	8600	0.952
6408		40	110	27	63.7	363.6	6600	7900	1.23
6409		45	120	29	77.2	45.1	6000	7200	1.53
6410		50	130	31	82	49.5	5500	6600	1.88
6411		55	140	33	100	62.3	5000	6000	2.29
6412		60	150	35	110	70.8	4600	5500	2.77
6413		65	160	37	118	79.2	4300	5200	3.3
6414		70	180	42	144	104	3900	4600	4.83
6415		75	190	45	154	115	3600	4400	5.87

带座外球面轴承

Insert bearing with housing



公制系列 Metric series	轴承内径(mm) Bearing internal diameter(mm)
UC2000	12~90
UC300	25~140
UK200	20~80
UCK	25~90
NA200	12~75
SA200	12~60
CSA200	12~60
SB200	12~60
SER200	12~60

带座外球面轴承由两面带密封的外球面轴承和铸造的（或钢板冲压的）轴承座组成，外球面轴承的内部结构与深沟球轴承相同，但此种轴承的外圈具有截球形外球面，与轴承座的凹球面相配能自动调心，通常此种轴承的内孔与轴之间有间隙，用顶丝、偏心套或紧定套将轴承内圈固定在轴上，并随轴一起转动，带座轴承结构紧凑，装卸方便，适用于简单支承、常用于采矿、冶金、农业、化工、输送机械等。

外球面轴承座主要结构型式

铸造座有立式座（P）、方形座（F）菱形座（FL）、凸台圆形座（FC）、环形座（C）、滑块座（T）、可调菱形座（FA）、悬挂式座（FB）、悬挂吊式（HA）等多种形式。
冲压座有立式（PP）、圆形（PF）、三角形（PFT）等形式

Insert ball bearing unit by the two sides sealed outer spherical bearing and casting (or steel plate stamping) of bearing seat, the internal structure of outer spherical bearing and deep groove ball bearings are the same, but this kind of bearing outer ring has a truncated spherical outer sphere, can automatically adjust to match with the concave spherical surface of the bearing, usually this kind of bearing has space between the inner hole and shaft, with the top silk, eccentric sleeve or be a set of bearing inner ring is fixed on the shaft, and with the axis of rotation, arrange ushering bearing structure is compact, loading and unloading of convenient, suitable for simple support, commonly used in mining, metallurgy, agriculture, chemical industry, conveying machinery, etc.
Outside the spherical bearing the main structure

Casting has vertical (P), (F) lozenge square stands (FL), circular convex (FC), ring (C), adjustable slider (T), the diamond bridge (FA), hanging (FB), a variety of forms such as hanging type (HA).
Stamping with vertical (PP), round (PF), triangular (PFT), and other forms

带座外球面轴承

Insert bearing with housing



轴承型号 Bearing No.	主要尺寸 Dimensions (mm)								额定动负荷 Load ratings		重量 Weight (Kg)
	d	D	B	B	C	Ca	G	ds	cr	cor	
UC201	12	40	27.4	11.5	14	3.4	4	M6x0.75	9.55	4.78	0.13
UC202	15	40	27.4	11.5	14	3.4	4	M6x0.75	9.55	4.78	0.12
UC203	17	40	27.4	11.5	14	3.4	4	M6x0.75	9.55	4.78	0.11
UC204	20	47	31	12.7	16	3.7	5	M6x0.75	12.8	6.65	0.17
UC205	25	52	34.1	14.3	17	3.9	5	M6x0.75	14	7.88	0.21
UC305	25	62	38	15	21	5.4	6	M6x0.75	22.36	11.5	0.35
UC206	30	62	38.1	15.9	19	5	5	M6x0.75	19.5	11.2	0.32
UC306	30	72	43	17	23	5.7	6	M6x0.75	27	15.2	0.56
UC207	35	72	42.9	17.5	20	5.7	7	M8x1	25.7	15.2	0.47
UC307	35	80	48	19	25	6.2	8	M8x1	33.5	19.2	0.71
UC208	40	80	49.2	19	21	6.25	8	M8x1	29.6	18.2	0.64
UC308	40	90	52	19	27	7	10	M10x1.25	40.56	24	0.96
UC209	45	85	49.2	19	22	6.4	8	M8x1	31.85	20.8	0.68
UC309	45	100	57	22	30	7.8	10	M10x1.25	53	31.8	1.28
UC210	50	90	51.6	19	23	6.5	10	M10x1.25	35.1	23.2	0.8
UC310	50	110	61	22	32	8.5	12	M12x1.5	61.75	37.8	1.65
UC211	55	100	55.6	22.2	25	7	10	M10x1.25	43.55	29.2	1.12
UC311	55	120	66	25	34	9.2	12	M12x1.5	71.5	44.8	1.9
UC212	60	110	65.1	25.4	27	7.6	10	M10x1.25	47.8	32.8	1.53
UC312	60	130	71	26	36	9.8	12	M12x1.5	81.6	51.8	2.6
UC213	65	120	65.1	25.4	28	8.5	10	M10x1.25	57.2	40	1.86
UC313	65	14	75	30	38	10.5	12	M12x1.5	93.86	60.5	3.25
UC214	70	125	74.6	30.2	30	8.9	12	M12x1.5	60.8	45	2.05
UC314	70	150	78	33	40	11.1	12	M12x1.5	104.26	68	3.95
UC215	75	130	77.8	33.3	30	9.2	12	M12x1.5	66	49.5	2.21
UC315	75	160	82	32	42	11.8	14	M14x1.5	113.36	76.8	4.33
UC216	80	140	82.6	33.3	33	9.5	12	M12x1.5	71.5	54.2	2.79
UC316	80	170	86	34	44	12.5	14	M14x1.5	122.85	86.5	5.57
UC217	85	150	85.7	34.1	35	10.2	12	M12x1.5	83.2	63.8	3.38
UC317	85	180	96	40	46	13.1	16	M16x1.5	132.6	96.5	6.84
UC218	90	160	96	39.7	37	11.2	12	M12x1.5	95.9	71.5	4.45
UC318	90	190	96	40	48	13.8	16	M16x1.5	143	108	7.87