



## UWE Profile

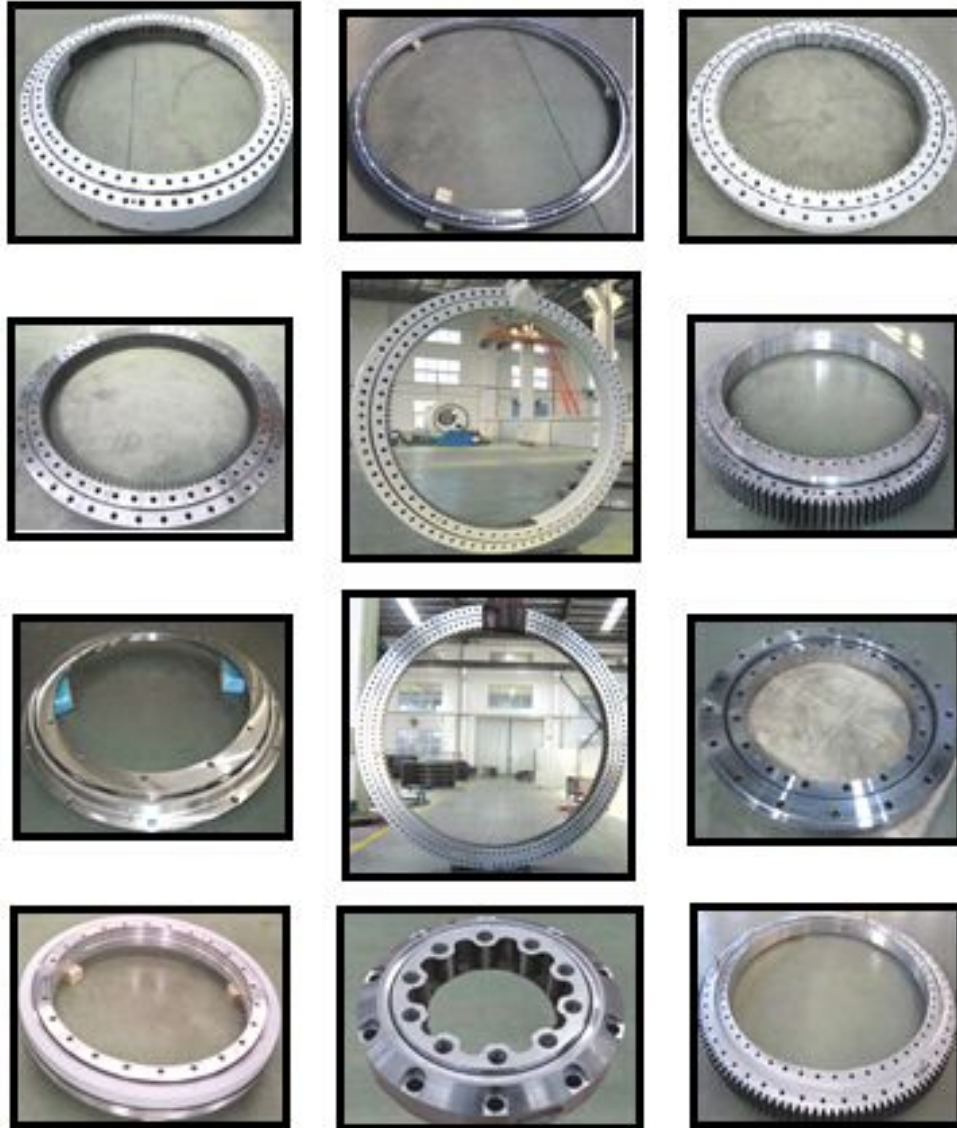
Dalian United Wind Power Generation Bearing Co., Ltd.(UWE bearing),registered trade mark 'UWE', is located in Xijiao industry park of Wafangdian,covers an area of 50,000 square meters. With a registered capital of 20 million Yuan (RMB).over 100 employees.

UWE bearing is a professional scientific research, design and manufacturing enterprise with a strong research,design and management group,adopting advanced foreign wind power bearing production technology combined with independent research and development. UWE bearing passed the ISO9001-2008 quality system certification and ISO14001-2004 environment system certification, and received 13 national patents, has become one of the green clean energy enterprises which priority supported by the national and local government.



Management department, marketing department, technology department, manufacturing department, quality department, financial department and a production base support UWE,with a set of equipment of CNC turning, grinding processing equipment, CNC heat treatment equipment and an independent physical and chemical metrology laboratory. Computerized management system covering all business operations, highly competitive to modern technological and commercial challenges in UWE.

## Product Images



### Wind turbine slewing rings

1. Blade bearing/pitch bearing
2. Yaw bearing
3. Main shaft bearing

### General slewing bearings

1. Single row four point contact ball slewing bearing
2. Single row cross roller slewing bearing
3. Double row different ball diameter slewing bearing
4. Double row four point contact ball slewing bearing
5. Three row roller slewing bearing
6. Ball and roller combined slewing bearing

### Wire race bearings

1. Wire race ball bearing
2. Wire race roller bearing

## Applications



UWE slewing bearings are widely applied to wind turbines, yaw, pitch system, container crane, tower crane, port crane, grab crane, ship crane, metal crane, ladle turret, excavator, dredge, shield machine, grams make, metallurgical cranes, ladle turret, excavators, dredgers, shield machine, loading and unloading ships, stacker-reclaimer, filling machines, CT machine, standing wave treatment instrument, tank and other military equipments. Characterized by its high precision, long service life and high reliability, UWE bearing not only meet the domestic market demand, but also exported to overseas markets such as Europe and the United States.

## Single row ball bearing slewing rings

### Ung geared

No. (ung geared)	Weight kg	D mm	d mm	H mm
250.14.0300.013	9.6	401	233	40
250.14.0400.013	13.1	501	333	40
250.15.0300.013	9.6	401	233	40
250.15.0400.013	13.1	501	333	40
250.15.0375.013	9.6	400	235	40
250.15.0475.013	13.1	500	334	40
230.20.0400.013	23.4	518	304	56
230.20.0500.013	31	648	434	56
230.20.0600.013	36.4	748	534	56
230.20.0700.013	42.8	848	634	56
230.20.0800.013	47.8	948	734	56
230.20.0900.013	53.1	1048	834	56
230.20.1000.013	61.9	1198	984	56
230.20.0400.503 TYP 21/520.0	23,0	518	304	56
230.20.0500.503 TYP 21/650.0	30,4	648	434	56
230.20.0600.503 TYP 21/750.0	35,8	748	534	56
230.20.0700.503 TYP 21/850.0	42,2	848	634	56
230.20.0800.503 TYP 21/950.0	47,1	948	734	56
230.20.0900.503 TYP 21/1050.0	52,3	1048	834	56
230.20.1000.503 TYP 21/1200.0	61,1	1198	984	56
230.21.0475.013 TTP 21/520.0	23,4	517 -0.11	305 +0.08	56
230.21.0575.013 TTP 21/650.0	31,0	647 -0.13	435 +0.10	56
230.21.0675.013 TTP 21/750.0	36,4	747 -0.14	535 +0.11	56
230.21.0775.013 TTP 21/850.0	42,8	847 -0.14	635 +0.13	56





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230.21.0875.013 TTP 21/950.0	47,8	947 -0.14	735 +0.13	56
230.21.0975.013 TTP 21/1050.0	53,1	1047 -0.17	835 +0.14	56
230.21.1075.013 TTP 21/1200.0	61,9	1197 -0.17	985 +0.14	56
280.30.0900.013 TYP 110/1100.0	131	1100	805	90
280.30.1000.013 TYP 110/1200.0	145	1200	905	90
280.30.1100.013 TYP 110/1300.0	159	1300	1005	90
280.30.1200.013 TYP 110/1400.0	172	1400	1105	90
280.30.1300.013 TYP 110/1500.0	186	1500	1205	90
280.30.1400.013 TYP 110/1600.0	200	1600	1305	90
280.30.0975.013 TYP 110/1100.0	131	1098 -0.17	807 +0.14	90
280.30.1075.013 TYP 110/1200.0	145	1198 -0.17	907 +0.14	90
280.30.1175.013 TYP 110/1300.0	159	1298 -0.20	1007 +0.17	90
280.30.1275.013 TYP 110/1400.0	172	1398 -0.20	1107 +0.17	90
280.30.1375.013 TYP 110/1500.0	186	1498 -0.20	1207 +0.17	90
280.30.1475.013 TYP 110/1600.0	200	1598 -0.20	1307 +0.20	90
060.22.0370.301.11.1504	35	456	289	59
060.22.0505.000.11.1503	44	585	625	58
060.22.0575.502.11.1503	52	655	500	62
060.22.0660.001.11.1503	59	740	580	58
060.25.0475.000.11.1504	50	565	385	64
060.25.0555.000.11.1504	61	650	460	63
060.30.0550.100.11.1504	73	650	450	75
060.35.0680.000.11.1503	131	800	560	82
060.45.0805.001.11.1504	215	948	662	99
060.20.0414.500.01.1503	29	486	342	56
060.20.0544.500.01.1503	37	616	472	56
060.20.0644.500.01.1503	44	716	572	56
060.20.0744.500.01.1503	52	816	672	56



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060.20.0844.500.01.1503	60	916	772	56
060.20.0944.500.01.1503	67	1016	872	56
060.20.1094.500.01.1503	77	1166	1022	56
060.20.0414.575.01.1503	29	484.5 -0.1	343.5 +0.09	56
060.20.0544.575.01.1503	37	614.5 -0.11	473 +0.1	56
060.20.0644.575.01.1503	44	714.5 -0.13	573.5 +0.11	56
060.20.0744.575.01.1503	52	814.5 -0.14	673.5 +0.13	56
060.20.0844.575.01.1503	60	914.5 -0.14	773.5 +0.13	56
060.20.0944.575.01.1503	67	1014.5 -0.17	873.5 +0.14	56
060.20.1094.575.01.1503	77	1164.5 -0.17	1023.5 +0.17	56
060.25.0855.500.01.1503	100	955	755	63
060.25.0955.500.01.1503	113	1055	855	63
060.25.1055.500.01.1503	124	1155	955	63
060.25.1155.500.01.1503	139	1255	1055	63
060.25.1255.500.01.1503	148	1355	1155	63
060.25.1355.500.01.1503	161	1455	1255	63
060.25.1455.500.01.1503	171	1555	1355	63
060.25.0855.575.01.1403	100	953 -0.14	757 +0.14	63
060.25.0955.575.01.1403	113	1053 -0.17	857 +0.14	63
060.25.1055.575.01.1403	124	1153 -0.17	957 +0.14	63
060.25.1155.575.01.1403	139	1253 -0.2	1057 +0.17	63
060.25.1255.575.01.1403	148	1353 -0.2	1157 +0.17	63
060.25.1355.575.01.1403	161	1453 -0.2	1257 +0.2	63
060.25.1455.575.01.1403	171	1553 -0.2	1357 +0.2	63

External gear

No.(external gear)	Weight kg	D mm	d mm	H mm
231.20.0400.013	29.3	504	304	56
231.20.0500.013	39.5	640.8	434	56
231.20.0600.013	47.6	742.8	534	56
231.20.0700.013	53.5	838.8	634	56
231.20.0800.013	65.1	950.4	734	56
231.20.0900.013	69.6	1046.4	834	56
231.20.1000.013	83	1198.4	984	56
231.20.0400.503 TYP 21/520.1	29,0	504	304	56
231.20.0500.503 TYP 21/650.1	39,2	640,8	640,8	56
231.20.0600.503 TYP 21/750.1	47,2	742,8	742,8	56
231.20.0700.503 TYP 21/850.1	53,1	838,8	838,8	56
231.20.0800.503 TYP 21/950.1	64,7	950,4	950,4	56
231.20.0900.503 TYP 21/1050.1	69,1	1046,4	1046,4	56
231.20.1000.503 TYP 21/1200.1	82,5	1198,4	1198,4	56
231.21.0475.013 TTP 21/520.1	29,3	504	305 +0.08	56
231.21.0575.013 TTP 21/650.1	39,5	640,8	435 +0.10	56
231.21.0675.013 TTP 21/750.1	47,6	742,8	535 +0.11	56
231.21.0775.013 TTP 21/850.1	53,5	838,8	635 +0.13	56
231.21.0875.013 TTP 21/950.1	65,1	950,4	735 +0.13	56
231.21.0975.013 TTP 21/1050.1	69,6	1046,4	835 +0.14	56
231.21.1075.013 TTP 21/1200.1	83,0	1198,4	985 +0.14	56
281.30.0900.013 TYP 110/1100.1	165	1096.2	805	90
281.30.1000.013 TYP 110/1200.1	183	1198	905	90
281.30.1100.013 TYP 110/1300.1	200	1298	1005	90
281.30.1200.013 TYP 110/1400.1	216	1398	1105	90
281.30.1300.013 TYP 110/1500.1	234	1498	1205	90



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281.30.1400.013 TYP 110/1600.1	250	1598	1305	90
281.30.0975.013 TYP 110/1100.1	165	1096.2	807+0.14	90
281.30.1075.013 TYP 110/1200.1	183	1198	907 +0.14	90
281.30.1175.013 TYP 110/1300.1	200	1298	1007 +0.17	90
281.30.1275.013 TYP 110/1400.1	216	1398	1107 +0.17	90
281.30.1375.013 TYP 110/1500.1	234	1498	1207 +0.17	90
281.30.1475.013 TYP 110/1600.1	250	1598	1307 +0.20	90
061.20.0414.500.01.1503	31	504	342	56
061.20.0544.500.01.1503	43	640.8	472	56
061.20.0644.500.01.1503	52	742.8	572	56
061.20.0744.500.01.1503	59	838.8	672	56
061.20.0814.500.01.1503	71	950.4	772	56
061.20.0944.500.01.1503	77	1046.4	872	56
061.20.1094.500.01.1503	91	1198.4	1022	56
061.20.0414.575.01.1503	31	504	343.5 +0.09	56
061.20.0544.575.01.1503	43	640.8	473 +0.1	56
061.20.0644.575.01.1503	52	742.8	573.5 +0.11	56
061.20.0744.575.01.1503	59	838.8	673.5 +0.13	56
061.20.0814.575.01.1503	71	950.4	773.5 +0.13	56
061.20.0944.575.01.1503	77	1046.4	873.5 +0.14	56
061.20.1094.575.01.1503	91	1198.4	1023.5 +0.17	56
061.25.0855.500.01.1503	141	997.2	755	80
061.25.0955.500.01.1503	158	1096.2	855	80
061.25.1055.500.01.1503	172	1198	955	80
061.25.1155.500.01.1503	190	1298	1055	80
061.25.1255.500.01.1503	204	1398	1155	80
061.25.1355.500.01.1503	222	1498	1255	80
061.25.1455.500.01.1503	236	1598	1355	80





Dalian United Wind Power Generation Bearing Co., Ltd.

061.25.0855.575.01.1403	141	997.2	757 +0.14	80
061.25.0955.575.01.1403	158	1096.2	857 +0.14	80
061.25.1055.575.01.1403	172	1198	957 +0.14	80
061.25.1155.575.01.1403	190	1298	1057 +0.17	80
061.25.1255.575.01.1403	204	1398	1157 +0.17	80
061.25.1355.575.01.1403	222	1498	1257 +0.2	80
061.25.1455.575.01.1403	236	1598	1357 +0.2	80
061.25.0764.103.11.1504	98	862.8	670	82
061.25.0980.107.11.1504	123	1078.4	886	79
061.20.0400.100.11.1503	35	499	325	55
061.20.0450.100.11.1503	39	554	369	55
061.20.0560.100.11.1503	53	670.8	479	55
061.20.0630.100.11.1503	61	742.8	543	55
061.20.0710.100.11.1503	67	820.8	623	55
061.25.0764.600.11.1503	95	886.8	671	63
061.25.0980.890.11.1503	124	1110.4	887	63
061.25.1120.000.11.1504	182	1278	1013	79
061.25.1250.100.11.1504	221	1408	1143	79
061.30.1180.000.11.1504	227	1338	1068	79
061.30.1320.000.11.1504	298	1497.6	1208	89
061.30.1500.200.11.1504	338	1677.6	1388	89
061.40.1400.000.19.1504	404	1593.6	1266	94
061.40.1600.008.19.1503	479	1803.2	1466	94
061.40.1800.013.19.1503	531	1999.2	1666	94
061.50.1900.001.49.1504	820	2139.2	1729	109
061.50.2130.001.49.1504	931	2380.8	1959	109
061.50.2355.001.49.1504	1024	2604.8	2184	109
061.50.2645.001.49.1504	1142	2892.8	2474	109

Internal gear

No. (internal gear)	Weight kg	D mm	d mm	H mm
232.20.0400.013	27.1	518	326.5	56
232.20.0500.013	36.9	648	445.2	56
232.20.0600.013	43.7	748	547.2	56
232.20.0700.013	51.1	848	649.2	56
232.20.0800.013	61.6	948	737.6	56
232.20.0900.013	65.8	1048	841.6	56
232.20.1000.013	80.7	1198	985.6	56
232.20.0400.503 TYP 21/520.2	26,9	518	326,5	56
232.20.0500.503 TYP 21/650.2	36,7	648	445,2	56
232.20.0600.503 TYP 21/750.2	43,4	748	547,2	56
232.20.0700.503 TYP 21/850.2	50,8	848	649,2	56
232.20.0800.503 TYP 21/950.2	61,3	948	737,6	56
232.20.0900.503 TYP 21/1050.2	65,4	1048	841,6	56
232.20.1000.503 TYP 21/1200.2	80,3	1198	985,6	56
232.21.0475.013 TTP 21/520.1	27,1	517 -0.11	326,5	56
232.21.0575.013 TTP 21/650.2	36,9	647 -0.13	445,2	56
232.21.0675.013 TTP 21/750.2	43,7	747 -0.14	547,2	56
232.21.0775.013 TTP 21/850.2	51,1	847 -0.14	649,2	56
232.21.0875.013 TTP 21/950.2	61,6	947 -0.14	737,6	56
232.21.0975.013 TTP 21/1050.2	65,8	1047 -0.17	841,6	56
232.21.1075.013 TTP 21/1200.2	80,7	1197 -0.17	985,6	56
282.30.0900.013 TYP 110/1100.2	159	1100	812	90
282.30.1000.013 TYP 110/1200.2	176	1200	912	90
282.30.1100.013 TYP 110/1300.2	192	1300	1012	90
282.30.1200.013 TYP 110/1400.2	208	1400	1112	90
282.30.1300.013 TYP 110/1500.2	226	1500	1212	90



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282.30.1400.013 TYP 110/1600.2	243	1600	1310	90
282.30.0975.013 TYP 110/1100.2	159	1098 -0.17	812	90
282.30.1075.013 TYP 110/1200.2	176	1198 -0.17	912	90
282.30.1175.013 TYP 110/1300.2	192	1298 -0.20	1012	90
282.30.1275.013 TYP 110/1400.1	208	1398 -0.20	1112	90
282.30.1375.013 TYP 110/1500.2	226	1498 -0.20	1212	90
282.30.1475.013 TYP 110/1600.2	243	1598 -0.20	1310	90
062.20.0414.500.01.1503	31	486	326.5	56
062.20.0544.500.01.1503	42	616	445.2	56
062.20.0644.500.01.1503	50	716	547.2	56
062.20.0744.500.01.1503	58	816	649.2	56
062.20.0814.500.01.1503	69	916	737.6	56
062.20.0944.500.01.1503	76	1016	841.6	56
062.20.1094.500.01.1503	91	1166	985.6	56
062.20.0414.575.01.1503	31	484.5 -0.1	326.5	56
062.20.0544.575.01.1503	42	614.5 -0.11	445.2	56
062.20.0644.575.01.1503	50	714.5 -0.13	547.2	56
062.20.0744.575.01.1503	58	814.5 -0.14	649.2	56
062.20.0814.575.01.1503	69	914.5 -0.14	737.6	56
062.20.0944.575.01.1503	76	1014.5 -0.17	841.6	56
062.20.1094.575.01.1503	91	1164.5 -0.17	985.6	56
062.25.0855.500.01.1503	133	955	710	80
062.25.0955.500.01.1503	150	1055	810	80
062.25.1055.500.01.1503	166	1155	910	80
062.25.1155.500.01.1503	183	1255	1010	80
062.25.1255.500.01.1503	198	1355	1110	80
062.25.1355.500.01.1503	215	1455	1210	80
062.25.1455.500.01.1503	229	1555	1310	80



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062.25.0855.575.11.1403	133	953 -0.14	710	80
062.25.0955.575.11.1403	150	1053 -0.17	810	80
062.25.1055.575.11.1403	166	1153 -0.17	910	80
062.25.1155.575.11.1403	183	1253 -0.2	1010	80
062.25.1255.575.11.1403	198	1353 -0.2	1110	80
062.25.1355.575.11.1403	215	1453 -0.2	1210	80
062.25.1455.575.11.1403	229	1553-0.2	1310	80
062.25.0886.106.11.1504	109	980	784	77
062.25.1077.308.11.1504	148	1170	960	84
062.20.0400.000.11.1503	33	475	300	55
062.20.0450.000.11.1503	38	531	345	55
062.20.0560.000.11.1503	51	641	450	55
062.20.0630.000.11.1503	59	717	516	55
062.20.0710.000.11.1503	68	797	594	55
062.25.0886.800.11.1504	111	980	752	63
062.25.1077.890.11.1503	140	1169	930	63
062.25.1180.000.11.1504	185	1287	1020	69
062.30.1120.000.11.1504	206	1232	960	79
062.30.1250.000.11.1504	231	1362	1090	79
062.30.1400.000.11.1504	296	1512	1224	89
062.30.1600.000.11.1504	334	1712	1428	89
062.40.1500.000.19.1504	410	1634	1308	94
062.40.1700.000.19.1503	475	1834	1498	94
062.50.1800.001.49.1504	762	1971	1554	109
062.50.2000.001.49.1504	843	2171	1764	109
062.50.2240.001.49.1504	961	2411	1984	109
062.50.2490.001.49.1504	1053	2661	2240	109
062.50.2800.001.49.1504	1205	2971	2544	109

## Double row ball bearing slewing rings

### External gear

No.	weight kg	D mm	d mm	H mm
011.20.0755.000.11.1504/011.20.0755.001.21.1504	101	862,8	679	82
011.20.0971.000.11.1504/011.20.0971.001.21.1504	128	1078,4	895	82
011.20.1220.000.11.1504/011.20.1220.001.21.1504	178	1342,4	1140	82
011.20.1385.000.11.1504/011.20.1385.001.21.1504	201	1502,4	1305	82
011.25.1200.600.11.1503/011.25.1200.601.21.1503	301	1378	1100	102
011.25.1461.000.11.1503/011.25.1461.001.21.1503	381	1648	1360	102
011.25.1800.000.11.1503/011.25.1800.004.41.1503	488	2001,6	1700	102
011.30.1440.190.11.1503/011.30.1440.191.41.1503	520	1653,6	1320	120
011.30.1734.000.11.1503/011.30.1734.001.41.1503	636	1953,6	1615	120
011.30.2031.600.11.0503/011.30.2031.601.41.1503	755	2253,6	1910	120
011.35.2220.000.11.1503/011.35.2220.001.41.1503	1019	2461,2	2090	138
011.35.1750.700.11.1503/011.35.1750.701.41.1503	789	1985,2	1620	138
011.30.2235.000.11.1503/011.30.2235.001.41.1503	827	2457,6	2115	120
011.35.2620.000.11.1503/011.35.2620.001.41.1503	1244	2876,8	2490	138
011.40.2240.000.11.1502/011.40.2240.001.41.1502	1316	2524,8	2090	156
011.40.2619.000.11.1502/011.40.2619.001.41.1502	1615	2912,4	2465	156
011.40.2795.000.11.1502/011.40.2795.001.41.1502	1723	3096,0	2645	156
011.40.2915.000.11.1502/011.40.2915.001.41.1502	1790	3216,0	2765	156
011.40.3150.000.11.1502/011.40.3150.001.41.1502	1969	3456,0	3000	156
011.50.2987.001.49.1502	2288	3290,4	2820	185
011.50.3167.001.49.1502	2431	3470,4	3000	185
011.50.3347.001.49.1502	2566	3650,4	3180	185
011.50.3547.001.49.1502	2702	3866,4	3400	185
011.50.3747.001.49.1502	2837	4046,4	3580	185
011.50.4140.001.49.1502	3282	4456,4	3970	187





Internal gear

012.18.0748.000.11.1504/012.18.0748.002.21.1504	90	823	648	77
012.20.0895.000.11.1504/012.20.0895.001.21.1504	118	971	784	82
012.20.1085.000.11.1504/012.20.1085.001.21.1504	154	1161	960	90
012.20.1360.000.11.1504/012.20.1360.001.21.1504	213	1440	1210	82
012.25.1360.600.11.1503/012.25.1360.601.21.1503	336	1460	1180	102
012.25.1600.000.11.1503/012.25.1600.001.21.1503	405	1700	1404	102
012.30.1381.000.11.1503/012.30.1381.001.41.1503	474	1500	1164	120
012.30.1630.000.11.1503/012.30.1630.001.41.1503	558	1750	1750	120
012.30.1800.000.11.1503/012.30.1800.001.41.1503	643	1920	1920	120
012.30.1995.000.11.1503/012.30.1995.000.11.1503	716	2115	2115	120
012.30.2330.000.11.1503/012.30.2330.001.41.1503	839	2450	2450	120
012.30.2538.000.11.1503/012.30.2538.001.41.1503	963	2660	2660	120
012.35.1960.400.11.1503/012.35.1960.401.41.1503	851	2090	1722	138
012.35.2500.000.11.1503/012.35.2500.001.41.1503	1112	2630	2254	138
012.35.2690.000.11.1503/012.35.2690.001.41.1503	1225	2820	2432	138
012.40.2199.300.11.1502/012.40.2199.301.41.1502	1238	2350	1920	156
012.40.2622.400.11.1502/012.40.2622.401.41.1502	1495	3770	2770	156
012.40.2950.000.11.1502/012.40.2950.001.41.1502	1764	3100	3100	156
012.40.3300.000.11.1502/012.40.3300.001.41.1502	1935	3450	3450	156
012.45.2940.000.19.1502/012.45.2940.001.49.1502	1950	3100	2656	175
012.45.3400.100.19.1502/012.45.3400.101.49.1502	2435	3560	3080	175
012.50.2559.201.49.1502	1892	2725	2250	185
012.50.3520.001.49.1502	2657	3685	3200	185
012.50.3739.001.49.1502	2823	3905	3420	185
012.50.3839.001.49.1502	2905	4005	3520	185

**Roller/ball combination bearings****External gear**

NO.	Weight kg	Outer diameter (mm)	Inner diameter(mm)	Overall height(mm)
121.32.3550.990.41.1502	2028	3772.8	3358	159
121.32.3750.990.41.1502	2186	3980.8	3558	159
121.32.4000.990.41.1502	2278	4220.8	3808	159
121.32.4250.990.41.1502	2455	4476.8	4058	159
121.36.4000.990.41.1502	2792	4244.4	3792	175
121.36.4250.990.41.1502	2981	4496.4	4042	175
121.36.4500.990.41.1502	3173	4748.4	4292	175
121.36.4750.990.41.1502	3363	5000.4	4542	175
121.40.4500.990.41.1502	3673	4776	4276	183
121.40.4750.990.41.1502	3796	5016	4526	183
121.40.5000.990.41.1502	4082	5276	4776	183
121.40.5300.990.41.1502	4329	5576	5076	183
121.45.5000.990.41.1502	5201	5297.6	4747	203
121.45.5300.990.41.1502	5602	5605.6	5047	203
121.45.5600.990.41.1502	5764	5891.6	5347	203
121.45.6000.990.41.1502	6129	6287.6	5747	203
121.50.5600.990.41.1502	6397	5923.2	5342	221
121.50.6000.990.41.1502	6663	6307.2	5742	221
121.50.6700.990.41.1502	7708	7027.2	6442	221



### Cross roller bearings

#### External gear

No.	Weight(kg)	Outer diameter(mm)	Inner diameter(mm)	Overall height(mm)
161.16.0400.890.11.1503/161.16.0400.891.21.1503	33	495.2	325	55
161.16.0450.890.11.1503/161.16.0450.891.21.1503	41	554	369	55
161.16.0560.890.11.1503/161.16.0560.891.21.1503	50	664	479	55
161.16.0630.890.11.1503/161.16.0630.891.21.1503	61	742.8	543	55
161.20.0450.890.11.1503/161.20.0450.891.21.1503	49	562.8	364	62
161.20.0560.890.11.1503/161.20.0560.891.21.1503	62	676.8	474	62
161.20.0630.890.11.1503/161.20.0630.891.21.1503	76	758.4	538	62
161.20.0710.890.11.1503/161.20.0710.891.21.1503	85	838.4	618	62
161.25.0764.890.11.1503/161.25.0764.891.21.1503	116	892.8	662	73
161.25.0886.890.11.1503/161.25.0886.891.21.1503	144	1030.4	784	73
161.25.0980.890.11.1503/161.25.0980.891.21.1503	155	1118.4	878	73
161.25.1077.890.11.1503/161.25.1077.891.21.1503	178	1228	975	73
161.25.1120.890.11.1503/161.25.1120.891.21.1503	195	1278	1008	73
161.25.1180.890.11.1503/161.25.1180.891.21.1503	206	1338	1068	73
161.25.1250.890.11.1503/161.25.1250.891.21.1503	216	1408	1138	73
161.25.1320.890.11.1503/161.25.1320.891.21.1503	247	1497.6	1208	73
161.28.1400.890.11.1503/161.28.1400.891.21.1503	332	1593.6	1266	80



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161.28.1500.890.11.1503/161.28.1500.891.21.1503	349	1689.6	1366	80
161.28.1600.890.11.1503/161.28.1600.891.21.1503	388	1803.2	1466	80
161.28.1700.890.11.1503/161.28.1700.891.21.1503	431	1915.2	1566	80
161.36.1700.890.11.1503/161.36.1700.891.41.1503	653	1943.2	1529	100
161.36.1800.890.11.1503/161.36.1800.891.41.1503	685	2041.2	1629	100
161.36.1900.890.11.1503/161.36.1900.891.41.1503	721	2139.2	1729	100
161.36.2000.890.11.1503/161.36.2000.891.41.1503	749	2237.2	1829	100
161.40.2000.890.11.1503/161.40.2000.891.41.1503	848	2252.8	1824	108
161.40.2128.890.11.1503/161.40.2128.891.41.1503	896	2380.8	1952	108
161.40.2240.890.11.1503/161.40.2240.891.41.1503	946	2492.8	2064	108
161.40.2368.890.11.1503/161.40.2368.891.41.1503	993	2620.8	2192	108
161.45.2240.890.11.1503/161.45.2240.891.41.1503	1122	2516.4	2057	119
161.45.2366.890.11.1503/161.45.2366.891.41.1503	1182	2642.4	2183	119
161.45.2510.890.11.1503/161.45.2510.891.41.1503	1258	2786.4	2327	119
161.45.2654.890.11.1503/161.45.2654.891.41.1503	1329	2930.4	2471	119
161.50.2500.891.41.1503	1453	2796	2309	130
161.50.2660.891.41.1503	1544	2956	2469	130
161.50.2800.891.41.1503	1616	3096	2609	130
161.50.3000.891.41.1503	1733	3096	2809	130



Internal gear

Bearing No.	Weight(kg)	Outer diameter(mm)	Inner diameter(mm)	Overall height(mm)
162.16.0400.890.11.1503/162.16.0400.891.21.1503	31	475	304	55
162.16.0450.890.11.1503/162.16.0450.891.21.1503	40	531	345	55
162.16.0560.890.11.1503/162.16.0560.891.21.1503	49	641	455	55
162.16.0630.890.11.1503/162.16.0630.891.21.1503	59	717	516	55
162.20.0450.890.11.1503/162.20.0450.891.21.1503	48	536	336	62
162.20.0560.890.11.1503/162.20.0560.891.21.1503	60	646	444	62
162.20.0630.890.11.1503/162.20.0630.891.21.1503	75	722	496	62
162.20.0710.890.11.1503/162.20.0710.891.21.1503	84	802	576	62
162.25.0764.890.11.1503/162.25.0764.891.21.1503	113	866	636	73
162.25.0886.890.11.1503/162.25.0886.891.21.1503	138	988	744	73
162.25.0980.890.11.1503/162.25.0980.891.21.1503	152	1082	840	73
162.25.1077.890.11.1503/162.25.1077.891.21.1503	177	1179	920	73
162.25.1120.890.11.1503/162.25.1120.891.21.1503	192	1232	960	73
162.25.1180.890.11.1503/162.25.1180.891.21.1503	202	1292	1020	73
162.25.1250.890.11.1503/162.25.1250.891.21.1503	213	1362	1090	73
162.25.1320.890.11.1503/162.25.1320.891.21.1503	240	1432	1140	73
162.28.1400.890.11.1503/162.28.1400.891.21.1503	330	1534	1200	80





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162.28.1500.890.11.1503/162.28.1500.891.21.1503	343	1634	1308	80
162.28.1600.890.11.1503/162.28.1600.891.21.1503	391	1734	1386	80
162.28.1700.890.11.1503/162.28.1700.891.21.1503	398	1834	1498	80
162.36.1700.890.11.1503/162.36.1700.891.41.1503	636	1871	1456	100
162.36.1800.890.11.1503/162.36.1800.891.41.1503	675	1971	1554	100
162.36.1900.890.11.1503/162.36.1900.891.41.1503	720	2071	1652	100
162.36.2000.890.11.1503/162.36.2000.891.41.1503	731	2171	1764	100
162.40.2000.890.11.1503/162.40.2000.891.41.1503	832	2176	1744	108
162.40.2128.890.11.1503/162.40.2128.891.41.1503	882	2304	1872	108
162.40.2240.890.11.1503/162.40.2240.891.41.1503	932	2416	1984	108
162.40.2368.890.11.1503/162.40.2368.891.41.1503	980	2544	2112	108
162.45.2240.890.11.1503/162.45.2240.891.41.1503	1100	2423	1962	119
162.45.2366.890.11.1503/162.45.2366.891.41.1503	1160	2549	2088	119
162.45.2510.890.11.1503/162.45.2510.891.41.1503	1231	2693	2232	119
162.45.2654.890.11.1503/162.45.2654.891.41.1503	1302	2837	2376	119
161.50.2500.891.41.1503	1423	2691	2200	130
161.50.2660.891.41.1503	1515	2851	2360	130
161.50.2800.891.41.1503	1588	2691	2500	130
161.50.3000.891.41.1503	1706	3191	2700	130



### Three row roller bearing

#### External gear

Bearing No.	Weight(kg)	Outer diameter(O.D)	Inner diameter(I.D)	Overall height
191.20.1250.990.41.1502	542	1461.6	1103	132
191.20.1400.990.41.1502	646	1635.2	1253	132
191.20.1600.990.41.1502	731	1831.2	1453	132
191.20.1800.990.41.1502	844	2044.8	1653	132
191.20.2000.990.41.1502	912	2236.8	1853	132
191.25.1800.990.41.1502	1126	2076.8	1619	147
191.25.2000.990.41.1502	1216	2268.8	1819	147
191.25.2240.990.41.1502	1378	2516.4	2059	147
191.25.2500.990.41.1502	1567	2786.4	2319	147
191.25.2800.990.41.1502	1785	3096	2619	147
191.32.2240.990.41.1502	1975	2552.4	2022	181
191.32.2500.990.41.1502	2260	2822.4	2282	181
191.32.2800.990.41.1502	2576	3136	2582	181
191.32.3150.990.41.1502	2828	3476	2932	181
191.32.3550.990.41.1502	3249	3889.6	3332	181
191.32.4000.990.41.1502	3752	4351.6	3782	181
191.40.2800.990.41.1502	3267	3136	2562	220
191.40.3150.990.41.1502	3812	3515.6	2912	220
191.40.3550.990.41.1502	4255	3911.6	3312	220
191.40.4000.990.41.1502	4805	4363.2	3762	220
191.40.4500.990.41.1502	5410	4867.2	4262	220
191.50.3150.990.41.1502	5298	3571.2	2885	268
191.50.3550.990.41.1502	5830	3955.2	3285	268
191.50.4000.990.41.1502	6578	4411.2	3735	268
191.50.4500.990.41.1502	7456	4915.2	4235	268
191.50.5000.990.41.1502	8259	5419.2	4735	268
191.50.5600.990.41.1502	9448	6019.2	5335	268
191.50.6300.990.41.1502	10536	6715.2	6035	268
191.50.6735.990.41.1502	11200	7147.2	6470	268



Internal gear

Bearing No.	weight	Outer diamater(O.D)	Inner diameter(I.D)	Overall height
192.20.1250.990.41.1502	539	1397	1032	132
192.20.1400.990.41.1502	630	1547	1162	132
192.20.1600.990.41.1502	705	1747	1372	132
192.20.1800.990.41.1502	829	1947	1552	132
192.20.2000.990.41.1502	902	2147	1760	132
191.25.1800.990.41.1502	1101	1981	1520	147
191.25.2000.990.41.1502	1202	2181	1728	147
191.25.2240.990.41.1502	1406	2421	1944	147
191.25.2500.990.41.1502	1545	2681	2214	147
191.25.2800.990.41.1502	1767	2981	2500	147
192.32.2240.990.41.1502	2010	2458	1908	181
192.32.2500.990.41.1502	2210	2718	2178	181
192.32.2800.990.41.1502	2542	3018	2460	181
192.32.3150.990.41.1502	2807	3368	2820	181
192.32.3550.990.41.1502	3302	3768	3190	181
192.32.4000.990.41.1502	3664	4218	3652	181
192.40.2800.990.41.1502	3213	3038	2460	220
192.40.3150.990.41.1502	3683	3388	2794	220
192.40.3550.990.41.1502	4171	3788	3190	220
192.40.4000.990.41.1502	4810	4238	3624	220
192.40.4500.990.41.1502	5367	4738	4128	220
192.50.3150.990.41.1502	5128	3415	2736	268
192.50.3550.990.41.1502	5916	3815	3120	268
192.50.4000.990.41.1502	6623	4265	3576	268
192.50.4500.990.41.1502	7427	4765	4080	268
192.50.5000.990.41.1502	8182	5265	4584	268
192.50.5600.990.41.1502	9317	5865	5184	268
192.50.6300.990.41.1502	10555	6565	5880	268
192.50.6735.990.41.1502	11330	7000	6312	268