

QIBR HIGH PRECISION SLEWING BEARING AND CROSS ROLLER BEARING

Rich Experienced And Professional Manufacturer



SINCE 2002

2002

Since

3000m²

Plant Area

8 Persons

Engineers

1000⁺

Customers from All
Over the World

4000⁺ Pcs

Annual Output of Slewing
Bearing Below 2000mm

2300⁺ Pcs

Annual Output of Slewing
Bearing Above 2000mm

0.2m~8.0m

Bearing Diameter Range

40 sets

Large Production Equipment

OEM/ODM

Available

23

Covered Sectors

58

Countries of Customers





*Only part of the production equipment is shown;
if you need more information, you can visit our website or visit the factory.

Hoisting machinery



Four-point contact ball slewing bearing

Features,

- Large carrying capacity
- Compact structure
- Easy rotation
- Easy installation
- Maintenance

Construction machinery



Four-point contact ball slewing bearing

Features,

- Large carrying capacity
- Large load
- Flexible rotation
- High safety

Transport machinery



Cross cylindrical roller slewing bearing

Features,

- Large carrying capacity
- Compact structure

Mining machinery



Three-row cylindrical roller combined slewing bearing

Features,

- Compact structure
- Large torque

Metallurgical machinery



Three-row cylindrical roller combined slewing bearing

Features,

- Large carrying capacity
- High temperature resistance

Medical instruments



Four-point contact ball slewing bearing

Features,

- High precision
- High speed

Ships and warships



Four-point contact ball slewing bearing

Features,

- Withstand shock and vibration loads
- Anti-corrosion
- Long lifetime

Radar



Cross cylindrical roller slewing bearing and Four-point contact ball slewing bearing

Features,

- High precision
- Low torque
- High rigidity
- Low friction

Wind turbine



Four-point contact ball slewing bearing and Double-row different diameter ball slewing bearing

Features,

- Withstand shock and vibration loads
- Anti-corrosion
- Long lifetime

KEEP ROTATING, KEEP QUIET, KEEP MOVING

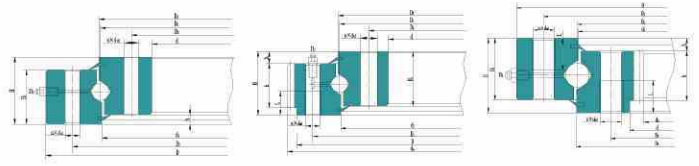
Since The Establishment Of QIBR's Slewing Bearing and Cross Roller Bearing Division In 2002, We Have Pursued Applying QIBR's Engineering Experience And Expertise To Solve The World's Most Complex Bearing Problems.

Rich Industry Experience And Top Production Equipment Enable Us To Bring More Reliable And Stable Products To More And More Customers In The Fields.

Slewing Bearing

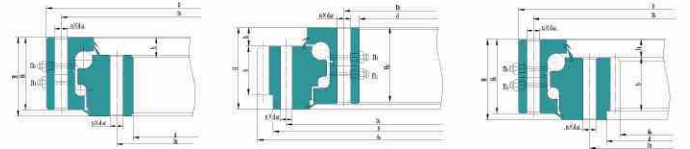
07 FOUR-POINT CONTACT BALL SLEWING BEARING

The single-row four-point contact ball slewing bearing is composed of four parts: inner ring, outer ring, steel ball, and spacer block. It has a compact structure and light weight, four point contact between steel ball and arc raceway; it can bear directional, radial and moment loads.



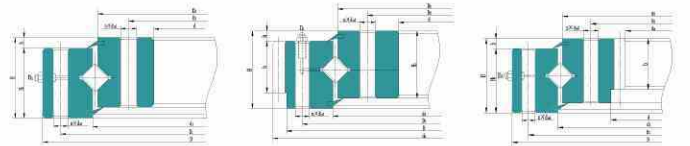
13 DOUBLE-ROW DIFFERENT DIAMETER BALL SLEWING BEARING

Double-row different diameter ball slewing bearing is mainly composed of inner ring, outer ring, upper and lower rows of steel balls, spacer block, sealing device and other parts. The balls of upper row mainly bear the axial load and overturning moment, so the diameter of the ball is larger than that of the lower row.



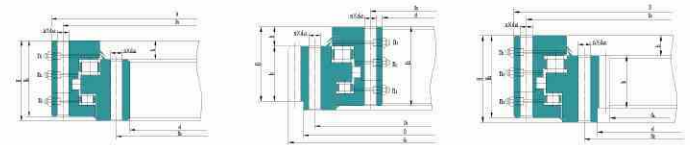
17 CROSS CYLINDRICAL ROLLER SLEWING BEARING

Cross cylindrical roller slewing bearing is mainly composed of inner ring, outer ring, single-row roller, cage (spacer block), sealing device and other parts. It has compact structure, light weight, high manufacturing precision, small assembly clearance, and requires high installation accuracy.



21 THREE-ROW CYLINDRICAL ROLLER COMBINED SLEWING BEARING

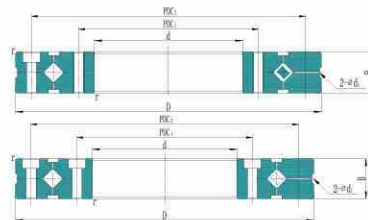
Three-row cylindrical roller combined slewing bearing is mainly composed of inner ring, outer ring, three rows of rollers, cage (spacer block), sealing device and other parts. The axial load and radial load of the structure are borne by different rollers respectively.



Cross Roller Bearing

25 QRU SERIES

Both inner ring and outer ring have mounting holes, so it does not require flange and support seat;
The inner and outer rings are of integral structure, high rotation accuracy, which are suitable for inner and outer ring rotation occasions.



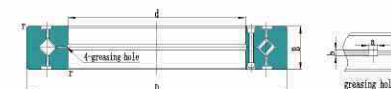
27 QRB SERIES

The inner ring is of integrated structure, and the outer ring is divided into two pieces, which is suitable for applications require the inner ring rotation.



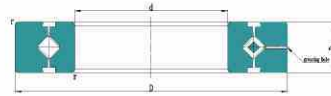
31 QRE SERIES

The outer ring is of integrated structure, and the inner ring is divided into two pieces, which is suitable for applications require the outer ring rotation.



35 QRAU SERIES

That small section area enables the equipment to be lighter in weight, and smaller in size, it is suitable for equipment which require rotations of inner ring and outer ring.



37 QRA SERIES

It is compact version of the OS structure. The inner ring is of integrated structure, and the outer ring is divided into two pieces, which is suitable for applications require the inner ring rotation.



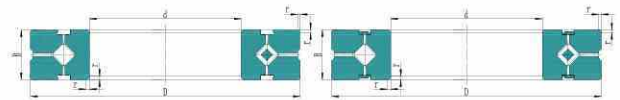
39 QRA-C SERIES

The outer ring has a gap, which is suitable for applications require the inner ring rotation.



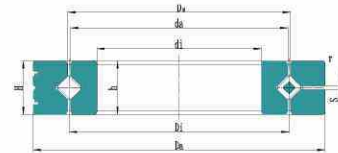
41 QCRBH SERIES

Both the inner and outer rings are of one-piece structure, less possibility for installation error, high precision and high rigidity.



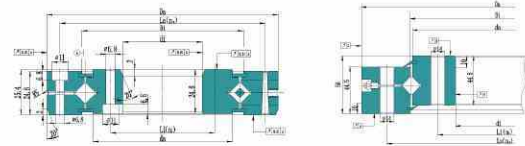
43 QSX SERIES

The outer ring is split and fixed in place by three fastening rings.



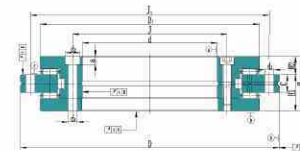
45 QXSU SERIES

The bearing has its own mounting holes for easier installation. It is of high precision, suitable for applications which the inner and outer rings rotate.



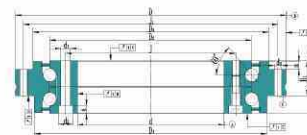
47 QYRT SERIES

The running accuracy is particularly high. It can support radial forces, axial forces from both directions and free tilting moments.



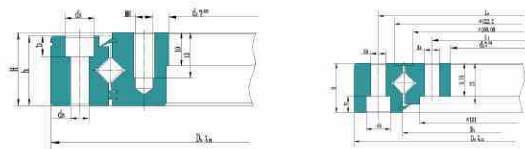
49 QZKLDLDF SERIES

With high precision and high speed, it is especially suitable for precision applications bearing combined loads.



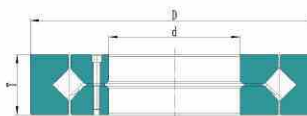
51 QXU SERIES

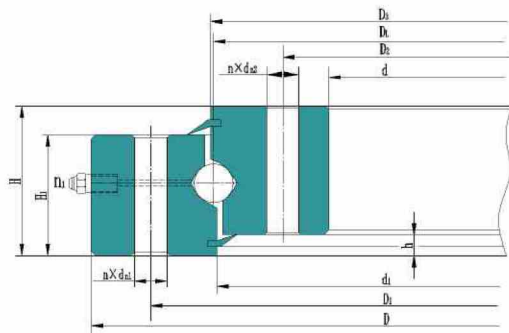
It is of compact structure, capable of bearing radial force, axial force and overturning moment at the same time.



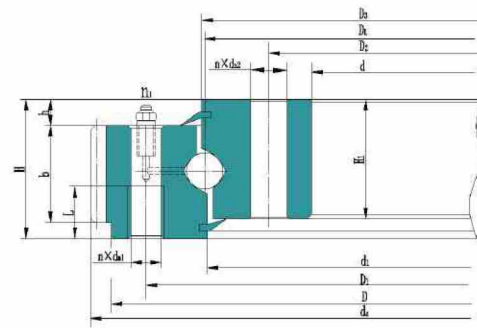
53 QXR SERIES

The overall structure of the outer ring and the inner ring are divided into two pieces. The cross-sectional height of the bearing is similar to that of a single row bearing, thus saving space and housing material. The large taper angle and taper geometry design make the overall effective span of the bearing several times the width of the bearing itself.





010



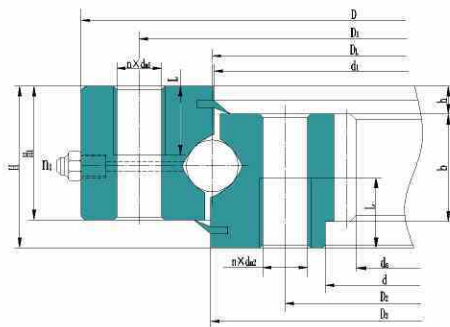
011&012

*All dimensions in mm

No.	Basic Models			External Dimensions			Mounting Hole Dimensions					
	No Gear	External Gear	Internal Gear	D	d	H	D ₁	D ₂	d _{n1} d _{n2}	d _{m1} d _{m2}	L	n
1	010.20.200	011.20.200	●	280	120	60	248	152	16	M14	28	12
2	010.20.224	011.20.224	●	304	144	60	272	176	16	M14	28	12
3	010.20.250	011.20.280	●	330	170	60	298	202	16	M14	28	18
4	010.20.280	011.20.280	●	360	200	60	328	232	16	M14	28	18
5	010.25.315	011.25.315	013.25.315	408	222	70	372	258	18	M16	32	20
6	010.25.355	011.25.355	013.25.355	448	262	70	412	298	18	M16	32	20
7	010.25.400	011.25.400	013.25.400	493	307	70	457	343	18	M16	32	24
8	010.25.450	011.25.450	013.25.450	543	357	70	507	393	18	M16	32	24
9	010.30.500	011.30.500	013.30.500	602	398	80	566	434	18	M16	32	20
10	010.30.500	012.30.500	014.30.500	602	398	80	566	434	18	M16	32	20
11	010.25.500	011.25.500	013.25.500	602	398	80	566	434	18	M16	32	20
12	010.25.500	012.25.500	014.25.500	602	398	80	566	434	18	M16	32	20
13	010.30.560	011.30.560	013.30.560	662	458	80	626	494	18	M16	32	20
14	010.30.560	012.30.560	014.30.560	662	458	80	626	494	18	M16	32	20
15	010.25.560	011.25.560	013.25.560	662	458	80	626	494	18	M16	32	20
16	010.25.560	012.25.560	014.25.560	662	458	80	626	494	18	M16	32	20
17	010.30.630	011.30.630	013.30.630	732	528	80	696	564	18	M16	32	24
18	010.30.630	012.30.630	014.30.630	732	528	80	696	564	18	M16	32	24
19	010.25.630	011.25.630	013.25.630	732	528	80	696	564	18	M16	32	24
20	010.25.630	012.25.630	014.25.630	732	528	80	696	564	18	M16	32	24
21	010.30.710	011.30.710	013.30.710	812	608	80	776	644	18	M16	32	24
22	010.30.710	012.30.710	014.30.710	812	608	80	776	644	18	M16	32	24
23	010.25.710	011.25.710	013.25.710	812	608	80	776	644	18	M16	32	24
24	010.25.710	012.25.710	014.25.710	812	608	80	776	644	18	M16	32	24
25	010.40.800	011.40.800	013.40.800	922	678	100	878	722	22	M20	40	30
26	010.40.800	012.40.800	014.40.800	922	678	100	878	722	22	M20	40	30
27	010.30.800	0.11.30.800	0.13.30.800	922	678	100	878	722	22	M20	40	30
28	010.30.800	012.30.800	014.30.800	922	678	100	878	722	22	M20	40	30
29	010.40.900	011.40.900	013.40.900	1022	778	100	978	822	22	M20	40	30
30	010.40.900	012.40.900	014.40.900	1022	778	100	978	822	22	M20	40	30

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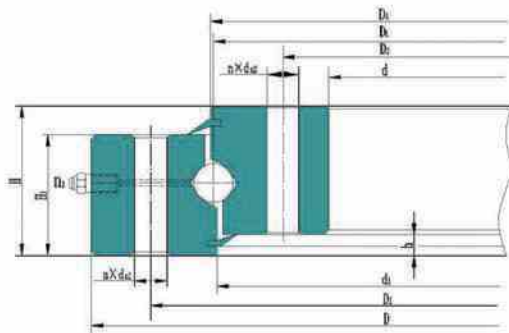
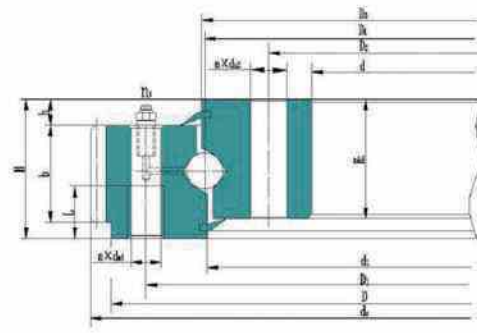


013&014

Structural Dimensions					Gear Data		External Gear Data		Internal Gear Data	
n ₁	D ₃	d ₁	H ₁	h	b	m	d _a	z	d _a	z
2	201	199	50	10	40	3	300	98	●	●
2	225	223	50	10	40	3	321	105	●	●
2	251	249	50	10	40	4	352	86	●	●
2	281	279	50	10	40	4	348	94	●	●
2	316	314	60	10	50	5	435	85	190	40
2	356	354	60	10	50	5	475	93	235	49
2	401	399	60	10	50	6	528	86	276	48
2	451	449	60	10	50	6	576	94	324	56
4	501	498	70	10	60	5	629	123	367	74
4	501	498	70	10	60	6	628.8	102	368.4	62
4	501	499	70	10	60	5	629	123	367	74
4	501	499	70	10	60	6	628.8	102	368.4	62
4	561	558	70	10	60	5	689	135	427	86
4	561	558	70	10	60	6	688.8	112	428.4	72
4	561	559	70	10	60	5	689	135	427	86
4	561	559	70	10	60	6	688.8	112	428.4	72
4	631	628	70	10	60	6	772.8	126	494.4	83
4	631	628	70	10	60	8	774.4	94	491.2	62
4	631	629	70	10	60	6	772.8	126	494.4	83
4	631	629	70	10	60	8	774.4	94	491.2	62
4	711	708	70	10	60	6	850.8	139	572.4	96
4	711	708	70	10	60	8	854.4	104	571.2	72
4	711	709	70	10	60	6	850.8	139	572.4	96
4	711	709	70	10	60	8	854.4	104	571.2	72
6	801	798	90	10	80	8	966.4	118	635.2	80
6	801	798	90	10	80	10	968	94	634	64
6	801	798	90	10	80	8	966.4	118	635.2	80
6	801	798	90	10	80	10	968	94	634	64
6	901	898	90	10	80	8	1062.4	130	739.2	93
6	901	898	90	10	80	10	1068	104	734	74

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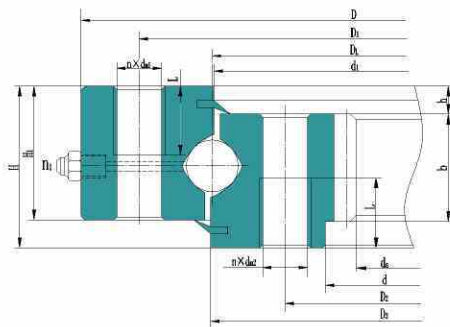

010

011&012

*All dimensions in mm

No.	Basic Models			External Dimensions			Mounting Hole Dimensions					
	No Gear	External Gear	Internal Gear	D	d	H	D ₁	D ₂	d _{n1} d _{n2}	d _{m1} d _{m2}	L	n
31	010.30.900	011.30.900	013.30.900	1022	778	100	978	822	22	M20	40	30
32	010.30.900	012.30.900	014.30.900	1022	778	100	978	822	22	M20	40	30
33	010.40.1000	011.40.1000	013.40.1000	1122	878	100	1078	922	22	M20	40	36
34	010.40.1000	012.40.1000	014.40.1000	1122	878	100	1078	922	22	M20	40	36
35	010.30.1000	011.30.1000	013.30.1000	1122	878	100	1078	922	22	M20	40	36
36	010.30.1000	012.30.1000	014.30.1000	1122	878	100	1078	922	22	M20	40	36
37	010.40.1120	011.40.1120	013.40.1120	1242	998	100	1198	1042	22	M20	40	36
38	010.40.1120	012.40.1120	014.40.1120	1242	998	100	1198	1042	22	M20	40	36
39	010.30.1120	011.30.1120	013.30.1120	1242	998	100	1198	1042	22	M20	40	36
40	010.30.1120	012.30.1120	014.30.1120	1242	998	100	1198	1042	22	M20	40	36
41	010.45.1250	011.45.1250	013.45.1250	1390	1110	110	1337	1163	26	M24	48	40
42	010.45.1250	012.45.1250	014.45.1250	1390	1110	110	1337	1163	26	M24	48	40
43	010.35.1250	011.35.1250	013.35.1250	1390	1110	110	1337	1163	26	M24	48	40
44	010.35.1250	012.35.1250	014.35.1250	1390	1110	110	1337	1163	26	M24	48	40
45	010.45.1400	011.45.1400	013.45.1400	1540	1260	110	1487	1313	26	M24	48	40
46	010.45.1400	012.45.1400	014.45.1400	1540	1260	110	1487	1313	26	M24	48	40
47	010.35.1400	011.35.1400	013.35.1400	1540	1260	110	1487	1313	26	M24	48	40
48	010.35.1400	012.35.1400	014.35.1400	1540	1260	110	1487	1313	26	M24	48	40
49	010.45.1600	011.45.1600	013.45.1600	1740	1460	110	1687	1513	26	M24	48	45
50	010.45.1600	012.45.1600	014.45.1600	1740	1460	110	1687	1513	26	M24	48	45
51	010.35.1600	011.35.1600	013.35.1600	1740	1460	110	1687	1513	26	M24	48	45
52	010.35.1600	012.35.1600	014.35.1600	1740	1460	110	1687	1513	26	M24	48	45
53	010.45.1800	011.45.1800	013.45.1800	1940	1660	110	1887	1713	26	M24	48	45
54	010.45.1800	012.45.1800	014.45.1800	1940	1660	110	1887	1713	26	M24	48	45
55	010.35.1800	011.35.1800	013.35.1800	1940	1660	110	1887	1713	26	M24	48	45
56	010.35.1800	012.35.1800	014.35.1800	1940	1660	110	1887	1713	26	M24	48	45
57	010.60.2000	011.60.2000	013.60.2000	2178	1825	144	2110	1891	33	M30	60	48
58	010.60.2000	012.60.2000	014.60.2000	2178	1825	144	2110	1891	33	M30	60	48
59	010.40.2000	011.40.2000	013.40.2000	2178	1825	145	2110	1891	33	M30	60	48
60	010.40.2000	012.40.2000	014.40.2000	2178	1825	146	2110	1891	33	M30	60	48

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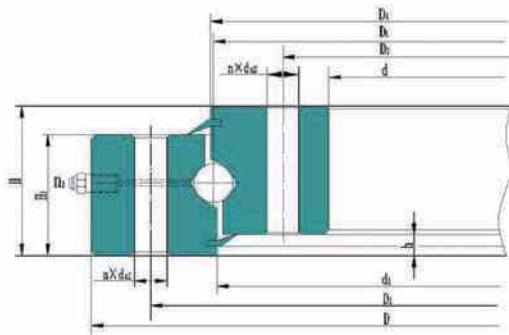
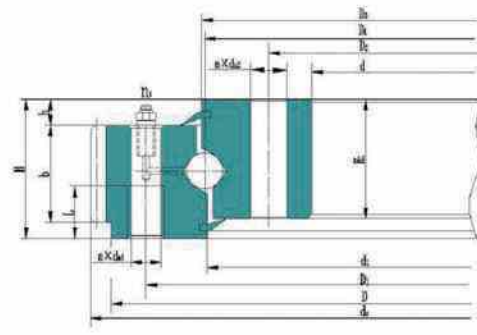


013&014

Structural Dimensions					Gear Data		External Gear Data		Internal Gear Data	
n1	D3	d1	H1	h	b	m	da	z	da	z
6	901	898	90	10	80	8	1062.4	130	739.2	93
6	901	898	90	10	80	10	1068	104	734	74
6	1001	998	90	10	80	10	1188	116	824	83
6	1001	998	90	10	80	12	1185.6	96	820.8	69
6	1001	998	90	10	80	10	1188	116	824	83
6	1001	998	90	10	80	12	1185.6	96	820.8	69
6	1121	1118	90	10	80	10	1298	127	944	95
6	1121	1118	90	10	80	12	1305.6	106	940.8	79
6	1121	1118	90	10	80	10	1298	127	944	95
6	1121	1118	90	10	80	12	1305.6	106	940.8	79
5	1252	1248	100	10	90	12	1449.6	118	1048.8	88
5	1252	1248	100	10	90	14	1453.2	101	1041.6	75
5	1251	1248	100	10	90	12	1449.6	118	1048.8	88
5	1251	1248	100	10	90	14	1453.2	101	1041.6	75
5	1402	1398	100	10	90	12	1605.6	131	1192.8	100
5	1402	1398	100	10	90	14	1607.2	112	1195.6	86
5	1401	1398	100	10	90	12	1605.6	131	1192.8	100
5	1401	1398	100	10	90	14	1607.2	112	1195.6	86
5	1602	1598	100	10	90	14	1817.2	127	1391.6	100
5	1602	1598	100	10	90	16	1820.8	111	1382.4	87
5	1601	1598	100	10	90	14	1817.2	127	1391.6	100
5	1601	1598	100	10	90	16	1820.8	111	1382.4	87
5	1802	1798	100	10	90	14	2013.2	141	1573.6	113
5	1802	1798	100	10	90	16	2012.8	123	1574.4	99
5	1801	1798	100	10	90	14	2013.2	141	1573.6	113
5	1801	1798	100	10	90	16	2012.8	123	1574.4	99
8	2002	1998	132	12	120	16	2268.8	139	1734.4	109
8	2002	1998	132	12	120	18	2264.4	123	1735.2	97
8	2001	1998	132	12	120	16	2268.8	139	1734.4	109
8	2001	1998	132	12	120	18	2264.4	123	1735.2	97

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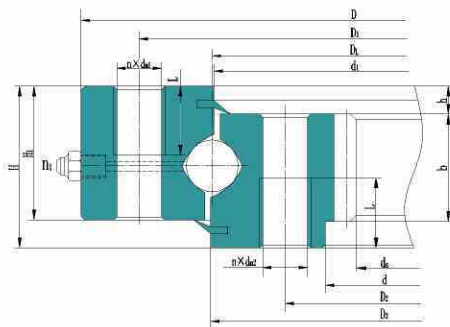

010

011&012

*All dimensions in mm

No.	Basic Models			External Dimensions			Mounting Hole Dimensions					
	No Gear	External Gear	Internal Gear	D	d	H	D ₁	D ₂	d _{n1} d _{n2}	d _{m1} d _{m2}	L	n
61	010.60.2240	011.60.2240	013.60.2240	2418	2065	144	2350	2131	33	M30	60	48
62	010.60.2240	012.60.2240	014.60.2240	2418	2065	144	2350	2131	33	M30	60	48
63	010.40.2240	011.40.2240	013.40.2240	2418	2065	144	2350	2131	33	M30	60	48
64	010.40.2240	012.40.2240	014.40.2240	2418	2065	144	2350	2131	33	M30	60	48
65	010.60.2500	011.60.2500	013.60.2500	2678	2325	144	2610	2391	33	M30	60	56
66	010.60.2500	012.60.2500	014.60.2500	2678	2325	144	2610	2391	33	M30	60	56
67	010.40.2500	011.40.2500	013.40.2500	2678	2325	144	2610	2391	33	M30	60	56
68	010.40.2500	012.40.2500	014.40.2500	2678	2325	144	2610	2391	33	M30	60	56
69	010.60.2800	011.60.2800	013.60.2800	2978	2625	144	2910	2691	33	M30	60	56
70	010.60.2800	012.60.2800	014.60.2800	2978	2625	144	2910	2691	33	M30	60	56
71	010.40.2800	011.40.2800	013.40.2800	2978	2625	144	2910	2691	33	M30	60	56
72	010.40.2800	012.40.2800	014.40.2800	2978	2625	144	2910	2691	33	M30	60	56
73	010.75.3150	011.75.3150	013.75.3150	3376	2922	174	3286	3014	45	M42	84	56
74	010.75.3150	012.75.3150	014.75.3150	3376	2922	174	3286	3014	45	M42	84	56
75	010.50.3150	011.50.3150	013.50.3150	3376	2922	174	3286	3014	45	M42	84	56
76	010.50.3150	012.50.3150	014.50.3150	3376	2922	174	3286	3014	45	M42	84	56
77	010.75.3550	011.75.3550	013.75.3550	3776	3322	174	3686	3414	45	M42	84	56
78	010.75.3550	012.75.3550	014.75.3550	3776	3322	174	3686	3414	45	M42	84	56
79	010.50.3550	011.50.3550	013.50.3550	3776	3322	174	3686	3414	45	M42	84	56
80	010.50.3550	012.50.3550	014.50.3550	3776	3322	174	3686	3414	45	M42	84	56
81	010.75.4000	011.75.4000	013.75.4000	4226	3772	174	4136	3864	45	M42	84	60
82	010.75.4000	012.75.4000	014.75.4000	4226	3772	174	4136	3864	45	M42	84	60
83	010.50.4000	011.50.4000	013.50.4000	4226	3772	174	4136	3864	45	M42	84	60
84	010.50.4000	012.50.4000	014.50.4000	4226	3772	174	4136	3864	45	M42	84	60
85	010.75.4500	011.75.4500	013.75.4500	4726	4272	174	4636	4364	45	M42	84	60
86	010.75.4500	012.75.4500	014.75.4500	4726	4272	174	4636	4364	45	M42	84	60
87	010.50.4500	011.50.4500	013.50.4500	4726	4272	174	4636	4364	45	M42	84	60
88	010.50.4500	012.50.4500	014.50.4500	4726	4272	174	4636	4364	45	M42	84	60

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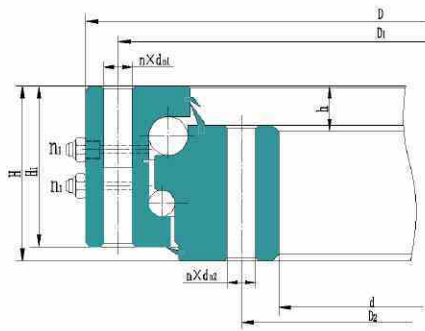
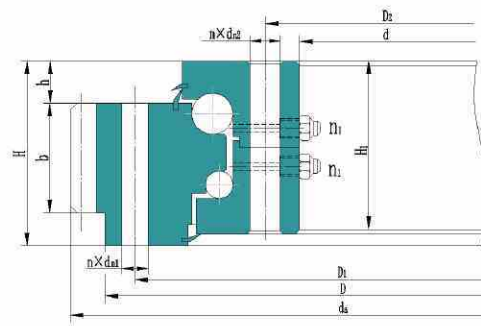


013&014

Structural Dimensions					Gear Data		External Gear Data		Internal Gear Data	
n ₁	D ₃	d ₁	H ₁	h	b	m	d _a	z	d _a	z
8	2242	2238	132	12	120	16	2492.8	153	1990.4	125
8	2242	2238	132	12	120	18	2498.4	136	1987.2	111
8	2241	2238	132	12	120	16	2492.8	153	1990.4	125
8	2241	2238	132	12	120	18	2498.4	136	1987.2	111
8	2502	2498	132	12	120	18	2768.4	151	2239.2	125
8	2502	2498	132	12	120	20	2776	136	2228	112
8	2501	2498	132	12	120	18	2768.4	151	2239.2	125
8	2501	2498	132	12	120	20	2776	136	2228	112
8	2802	2798	132	12	120	18	3074.4	168	2527.2	141
8	2802	2798	132	12	120	20	3076	151	2528	127
8	2801	2798	132	12	120	18	3074.4	168	2527.2	141
8	2801	2798	132	12	120	20	3076	151	2528	127
8	3152	3147	162	12	150	20	3476	171	2828	142
8	3152	3147	162	12	150	22	3471.6	155	2824.8	129
8	3152	3148	162	12	150	20	3476	171	2828	142
8	3152	3148	162	12	150	22	3471.6	155	2824.8	129
8	3552	3547	162	12	150	20	3876	191	3228	162
8	3552	3547	162	12	150	22	3889.6	174	3220.8	147
8	3552	3548	162	12	150	20	3876	191	3228	162
8	3552	3548	162	12	150	22	3889.6	174	3220.8	147
10	4002	3997	162	12	150	22	4329.6	194	3660.8	167
10	4002	3997	162	12	150	25	4345	171	3660	147
10	4002	3998	162	12	150	22	4329.6	194	3660.8	167
10	4002	3998	162	12	150	25	4345	171	3660	147
10	4502	4497	162	12	150	22	4835.6	217	4166.8	190
10	4502	4497	162	12	150	25	4845	191	4160	167
10	4502	4498	162	12	150	22	4835.6	217	4166.8	190
10	4502	4498	162	12	150	25	4845	191	4160	167

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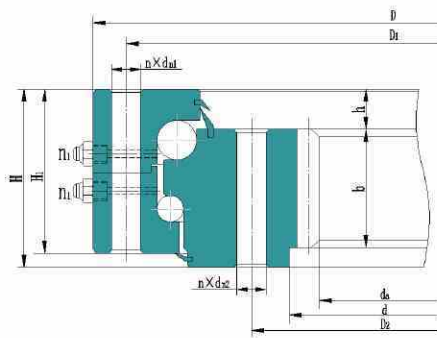

020

021&022

*All dimensions in mm

No.	Basic Models			External Dimensions			Mounting Hole Dimensions					
	No Gear	External Gear	Internal Gear	D	d	H	D ₁	D ₂	d _{n1} d _{n2}	d _{m1} d _{m2}	L	n
1	020.25.500	021.25.500	023.25.500	616	384	106	580	420	18	M16	32	20
2	020.25.500	022.25.500	024.25.500	616	384	106	580	420	18	M16	32	20
3	020.25.560	021.25.560	023.25.560	676	444	106	640	480	18	M16	32	20
4	020.25.560	022.25.560	024.25.560	676	444	106	640	480	18	M16	32	20
5	020.25.630	021.25.630	023.25.630	746	514	106	710	550	18	M16	32	24
6	020.25.630	022.25.630	024.25.630	746	514	106	710	550	18	M16	32	24
7	020.25.710	021.25.710	023.25.710	826	594	106	790	630	18	M16	32	24
8	020.25.710	022.25.710	024.25.710	826	594	106	790	630	18	M16	32	24
9	020.30.800	021.30.800	023.30.800	942	658	124	898	702	22	M20	40	30
10	020.30.800	022.30.800	024.30.800	942	658	124	898	702	22	M20	40	30
11	020.30.900	021.30.900	023.30.900	1042	758	124	998	802	22	M20	40	30
12	020.30.900	022.30.900	024.30.900	1042	758	124	998	802	22	M20	40	30
13	020.30.1000	021.30.1000	023.30.1000	1142	858	124	1098	902	22	M20	40	36
14	020.30.1000	022.30.1000	024.30.1000	1142	858	124	1098	902	22	M20	40	36
15	020.30.1120	021.30.1120	023.30.1120	1262	978	124	1218	1022	22	M20	40	36
16	020.30.1120	022.30.1120	024.30.1120	1262	978	124	1218	1022	22	M20	40	36
17	020.40.1250	021.40.1250	023.40.1250	1426	1074	160	1374	1126	26	M24	48	40
18	020.40.1250	022.40.1250	024.40.1250	1426	1074	160	1374	1126	26	M24	48	40
19	020.40.1400	021.40.1400	023.40.1400	1576	1224	160	1524	1272	26	M24	48	40
20	020.40.1400	022.40.1400	024.40.1400	1576	1224	160	1524	1272	26	M24	48	40
21	020.40.1600	021.40.1600	023.40.1600	1776	1424	160	1724	1476	26	M24	48	45
22	020.40.1600	022.40.1600	024.40.1600	1776	1424	160	1724	1476	26	M24	48	45
23	020.40.1800	021.40.1800	023.40.1800	1976	1624	160	1924	1676	26	M24	48	45
24	020.40.1800	022.40.1800	024.40.1800	1976	1624	160	1924	1676	26	M24	48	45
25	020.50.2000	021.50.2000	023.50.2000	2215	1785	190	2149	1851	33	M30	60	48
26	020.50.2000	022.50.2000	024.50.2000	2215	1785	190	2149	1851	33	M30	60	48
27	020.50.2240	021.50.2240	023.50.2240	2455	2025	190	2389	2091	33	M30	60	48
28	020.50.2240	022.50.2240	024.50.2240	2455	2025	190	2389	2091	33	M30	60	48
29	020.50.2500	021.50.2500	023.50.2500	2715	2285	190	2649	2351	33	M30	60	56
30	020.50.2500	022.50.2500	024.50.2500	2715	2285	190	2649	2351	33	M30	60	56

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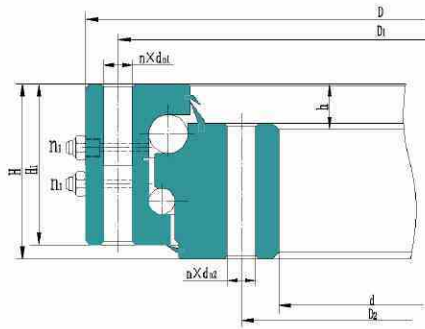
023&024

Structural Dimensions			Gear Data		External Gear Data		Internal Gear Data	
n1	H1	h	b	m	da	z	da	z
4	96	26	60	5	644	126	357	72
4	96	26	60	6	646.8	105	350.4	59
4	96	26	60	5	704	138	417	84
4	96	26	60	6	706.8	115	410.4	69
4	96	26	60	6	790.8	129	482.4	81
4	96	26	60	8	790.4	96	475.2	60
4	96	26	60	6	862.8	141	560.4	94
4	96	26	60	8	862.4	105	555.2	70
6	114	29	80	8	982.4	120	619.2	78
6	114	29	80	10	988	96	614	62
6	114	29	80	8	1086.4	133	715.2	90
6	114	29	80	10	1088	106	714	72
6	114	29	80	10	1198	117	814	82
6	114	29	80	12	1197.6	97	796.8	67
6	114	29	80	10	1318	129	924	93
6	114	29	80	12	1317.6	107	916.8	77
5	150	39	90	12	1497.6	122	1012.8	85
5	150	39	90	14	1495.2	104	1013.6	73
5	150	39	90	12	1641.6	134	1156.8	97
5	150	39	90	14	1649.2	115	1153.6	83
5	150	39	90	14	1845.2	129	1349.6	97
5	150	39	90	16	1852.8	113	1350.4	85
5	150	39	90	14	2055.2	144	1545.6	111
5	150	39	90	16	2060.8	126	1542.4	97
8	178	47	120	16	2300.8	141	1702.4	107
8	178	47	120	18	2300.4	125	1699.2	95
8	178	47	120	16	2540.8	156	1942.4	122
8	178	47	120	18	2552.4	139	1933.2	108
8	178	47	120	18	2804.4	153	2203.2	123
8	178	47	120	20	2816	138	2188	110

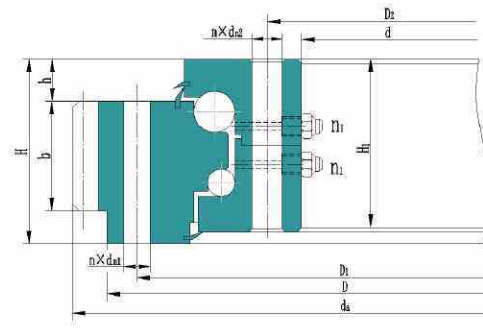
*Non-standard bearing is available as per your requirement.

*Listed models and sizes are for reference only, for detailed specifications, please contact our sales team.

DOUBLE-ROW DIFFERENT DIAMETER BALL SLEWING BEARING



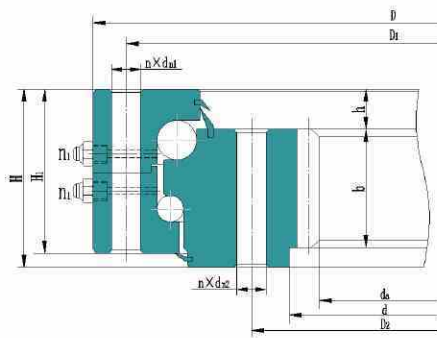
020



021&022

*All dimensions in mm

No.	Basic Models			External Dimensions			Mounting Hole Dimensions					
	No Gear	External Gear	Internal Gear	D	d	H	D ₁	D ₂	d _{n1} d _{n2}	d _{m1} d _{m2}	L	n
31	020.50.2800	021.50.2800	023.50.2800	3015	2585	190	2949	2651	33	M30	60	56
32	020.50.2800	022.50.2800	024.50.2800	3015	2585	190	2949	2651	33	M30	60	56
33	020.60.3150	021.60.3150	023.60.3150	3428	2872	226	3338	2962	45	M42	84	56
34	020.60.3150	022.60.3150	024.60.3150	3428	2872	226	3338	2962	45	M42	84	56
35	020.60.3550	021.60.3550	023.60.3550	3828	3272	226	3738	3362	45	M42	84	56
36	020.60.3550	022.60.3550	024.60.3550	3828	3272	226	3738	3362	45	M42	84	56
37	020.60.4000	021.60.4000	023.60.4000	4278	3722	226	4188	3812	45	M42	84	60
38	020.60.4000	022.60.4000	024.60.4000	4278	3722	226	4188	3812	45	M42	84	60
39	020.60.4500	021.60.4500	023.60.4500	4778	4222	226	4688	4312	45	M42	84	60
40	020.60.4500	022.60.4500	024.60.4500	4778	4222	226	4688	4312	45	M42	84	60

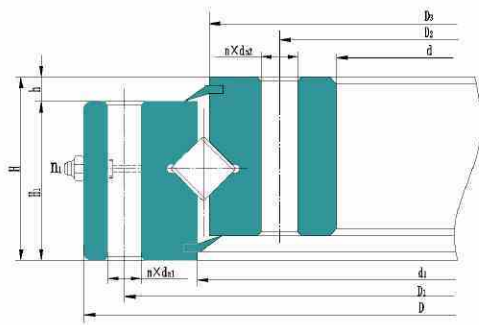
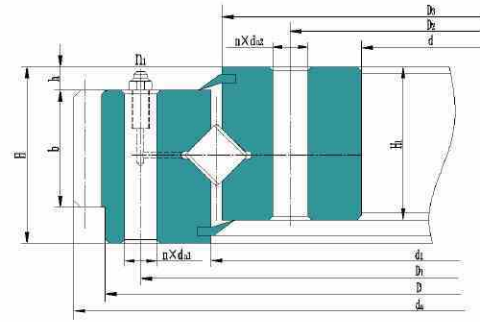


023&024

Structural Dimensions			Gear Data		External Gear Data		Internal Gear Data	
n ₁	H ₁	h	b	m	d _a	z	d _a	z
8	178	47	120	18	3110.4	170	2491.2	139
8	178	47	120	20	3116	153	2488	125
8	214	56	150	20	3536	174	2768	139
8	214	56	150	22	3537.6	158	2758.8	126
8	214	56	150	20	3936	194	3168	159
8	214	56	150	22	3933.6	176	3176.8	145
10	214	56	150	22	4395.6	197	3618.8	165
10	214	56	150	25	4395	173	3610	145
10	214	56	150	22	4879.6	219	4122.8	188
10	214	56	150	25	4895	193	4110	165

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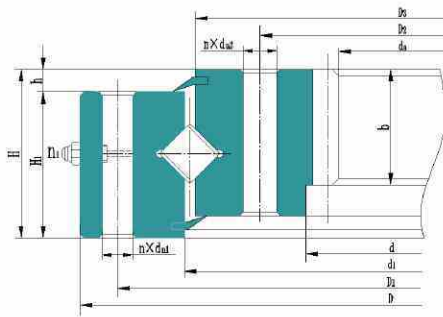

110

111&112

*All dimensions in mm

No.	Basic Models			External Dimensions			Mounting Hole Dimensions					
	No Gear	External Gear	Internal Gear	D	d	H	D ₁	D ₂	d _{n1} d _{n2}	d _{m1} d _{m2}	L	n
1	110.25.500	111.25.500	113.25.500	602	398	75	566	434	18	M16	32	20
2	110.25.500	112.25.500	114.25.500	602	398	75	566	434	18	M16	32	20
3	110.25.560	111.25.560	113.25.560	662	458	75	626	494	18	M16	32	20
4	110.25.560	112.25.560	114.25.560	662	458	75	626	494	18	M16	32	20
5	110.25.630	111.25.630	113.25.630	732	528	75	696	564	18	M16	32	24
6	110.25.630	112.25.630	114.25.630	732	528	75	696	564	18	M16	32	24
7	110.25.710	111.25.710	113.25.710	812	608	75	776	644	18	M16	32	24
8	110.25.710	112.25.710	114.25.710	812	608	75	776	644	18	M16	32	24
9	110.28.800	111.28.800	113.28.800	922	678	82	878	722	22	M20	40	30
10	110.28.800	112.28.800	114.28.800	922	678	82	878	722	22	M20	40	30
11	110.28.900	111.28.900	113.28.900	1022	778	82	978	822	22	M20	40	30
12	110.28.900	112.28.900	114.28.900	1022	778	82	978	822	22	M20	40	30
13	110.28.1000	111.28.1000	113.28.1000	1122	878	82	1078	922	22	M20	40	36
14	110.28.1000	112.28.1000	114.28.1000	1122	878	82	1078	922	22	M20	40	36
15	110.25.1120	111.25.1120	113.25.1120	1242	998	82	1198	1042	22	M20	40	36
16	110.25.1120	112.25.1120	114.25.1120	1242	998	82	1198	1042	22	M20	40	36
17	110.32.1250	111.32.1250	113.32.1250	1390	1110	91	1337	1163	26	M24	48	40
18	110.32.1250	112.32.1250	114.32.1250	1390	1110	91	1337	1163	26	M24	48	40
19	110.32.1400	111.32.1400	113.32.1400	1540	1260	91	1487	1313	26	M24	48	40
20	110.32.1400	112.32.1400	114.32.1400	1540	1260	91	1487	1313	26	M24	48	40
21	110.32.1600	111.32.1600	113.32.1600	1740	1460	91	1687	1513	26	M24	48	45
22	110.32.1600	112.32.1600	114.32.1600	1740	1460	91	1687	1513	26	M24	48	45
23	110.32.1800	111.32.1800	113.32.1800	1940	1660	91	1887	1713	33	M24	48	45
24	110.32.1800	112.32.1800	114.32.1800	1940	1660	91	1887	1713	33	M24	48	45
25	110.40.2000	111.40.2000	113.40.2000	2178	1825	112	2110	1891	33	M30	60	48
26	110.40.2000	112.40.2000	114.40.2000	2178	1825	112	2110	1891	33	M30	60	48
27	110.40.2240	111.40.2240	113.40.2240	2418	2065	112	2350	2131	33	M30	60	48
28	110.40.2240	112.40.2240	114.40.2240	2418	2065	112	2350	2131	33	M30	60	48
29	110.40.2500	111.40.2500	113.40.2500	2678	2325	112	2610	2391	33	M30	60	56
30	110.40.2500	112.40.2500	114.40.2500	2678	2325	112	2610	2391	33	M30	60	56

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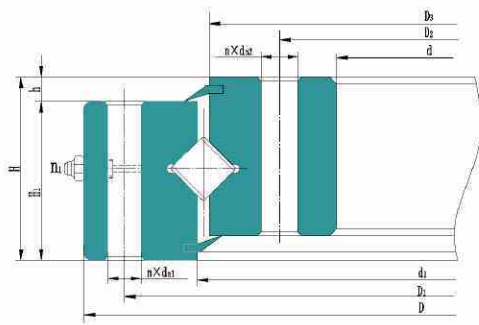
113&114

Structural Dimensions					Gear Data		External Gear Data		Internal Gear Data	
n ₁	D ₃	d ₁	H ₁	h	b	m	d _a	z	d _a	z
4	498	502	65	10	60	5	629	123	367	74
4	498	502	65	10	60	6	628.8	102	368.4	62
4	558	562	65	10	60	5	689	135	427	86
4	558	562	65	10	60	6	688.8	112	428.4	72
4	628	632	65	10	60	6	772.8	126	494.4	83
4	628	632	65	10	60	8	774.4	94	491.2	62
4	708	712	65	10	60	6	850.8	139	572.4	96
4	708	712	65	10	60	8	854.4	104	571.2	72
6	798	802	72	10	65	8	966.4	118	635.2	80
6	798	802	72	10	65	10	968	94	634	64
6	898	902	72	10	65	8	1062.4	130	739.2	93
6	898	902	72	10	65	10	1068	104	734	74
6	998	1002	72	10	65	10	1188	116	824	83
6	998	1002	72	10	65	12	1185.6	96	820.8	69
6	1118	1122	72	10	65	10	1298	127	944	95
6	1118	1122	72	10	65	12	1305.6	106	940.8	79
5	1248	1252	81	10	75	12	1449.6	118	1048.8	88
5	1248	1252	81	10	75	14	1453.2	101	1041.6	75
5	1398	1402	81	10	75	12	1605.6	131	1192.8	100
5	1398	1402	81	10	75	14	1607.2	112	1195.6	86
5	1598	1602	81	10	75	14	1817.2	127	1391.6	100
5	1598	1602	81	10	75	16	1820.8	111	1382.4	87
5	1798	1802	81	10	75	14	2013.2	141	1573.6	113
5	1798	1802	81	10	75	16	2012.8	123	1574.4	99
8	1997	2003	100	12	90	16	2268.8	139	1734.4	109
8	1997	2003	100	12	90	18	2264.4	123	1735.2	97
8	2237	2243	100	12	90	16	2492.8	153	1990.4	125
8	2237	2243	100	12	90	18	2498.4	136	1987.2	111
8	2497	2503	100	12	90	18	2768.4	151	2239.2	125
8	2497	2503	100	12	90	20	2776	136	2228	112

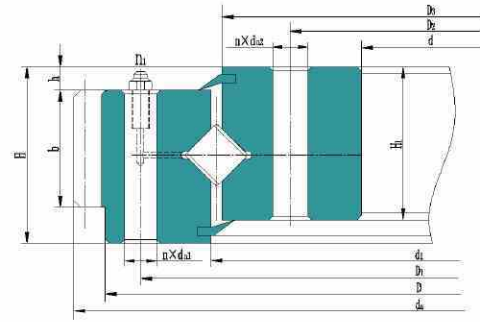
*Non-standard bearing is available as per your requirement.

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CROSS CYLINDRICAL ROLLER SLEWING BEARING



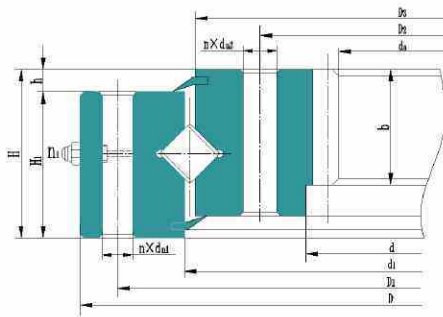
110



111&112

*All dimensions in mm

No.	Basic Models			External Dimensions			Mounting Hole Dimensions					
	No Gear	External Gear	Internal Gear	D	d	H	D ₁	D ₂	d _{n1} d _{n2}	d _{m1} d _{m2}	L	n
31	110.40.2800	111.40.2800	113.40.2800	2978	2625	112	2910	2691	33	M30	60	56
32	110.40.2800	112.40.2800	114.40.2800	2978	2625	112	2910	2691	33	M30	60	56
33	110.50.3150	111.50.3150	113.50.3150	3376	2922	134	3286	3014	45	M42	84	56
34	110.50.3150	112.50.3150	114.50.3150	3376	2922	134	3286	3014	45	M42	84	56
35	110.50.3550	111.50.3550	113.50.3550	3776	3322	134	3686	3414	45	M42	84	56
36	110.50.3550	112.50.3550	114.50.3550	3776	3322	134	3686	3414	45	M42	84	56
37	110.50.4000	111.50.4000	113.50.4000	4226	3772	134	4136	3864	45	M42	84	60
38	110.50.4000	112.50.4000	114.50.4000	4226	3772	134	4136	3864	45	M42	84	60
39	110.50.4500	111.50.4500	113.50.4500	4726	4272	134	4636	4364	45	M42	84	60
40	110.50.4500	112.50.4500	114.50.4500	4726	4272	134	4636	4364	45	M42	84	60



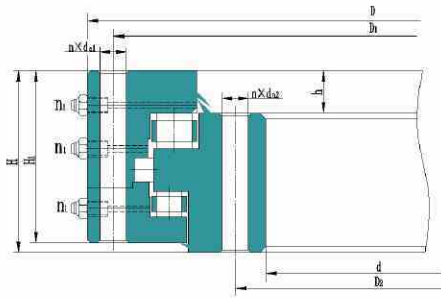
113&114

Structural Dimensions					Gear Data		External Gear Data		Internal Gear Data	
n ₁	D ₃	d ₁	H ₁	h	b	m	d _a	z	d _a	z
8	2797	2803	100	12	90	18	3074.4	168	2527.2	141
8	2797	2803	100	12	90	20	3076	151	2528	127
8	3147	3153	122	12	110	20	3476	171	2828	142
8	3147	3153	122	12	110	22	3471.6	155	2824.8	129
8	3547	3553	122	12	110	20	3876	191	3228	162
8	3547	3553	122	12	110	22	3889.6	174	3220.8	147
10	3997	4003	122	12	110	22	4329.6	194	3660.8	167
10	3997	4003	122	12	110	25	4345	171	3660	147
10	4497	4503	122	12	110	22	4835.6	217	4166.8	190
10	4497	4503	122	12	110	25	4845	191	4160	167

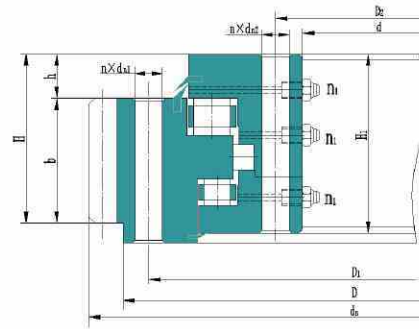
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THREE-ROW CYLINDRICAL ROLLER COMBINED SLEWING BEARING



130



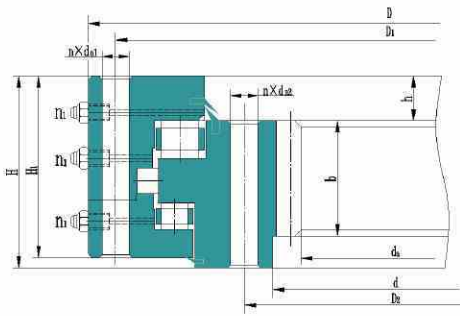
131&132

*All dimensions in mm

No.	Basic Models			External Dimensions			Mounting Hole Dimensions					
	No Gear	External Gear	Internal Gear	D	d	H	D ₁	D ₂	d _{n1} d _{n2}	d _{m1} d _{m2}	L	n
1	130.25.500	131.25.500	133.25.500	634	366	148	598	402	18	M16	32	24
2	130.25.500	132.25.500	134.25.500	634	366	148	598	402	18	M16	32	24
3	130.25.560	131.25.560	133.25.560	694	426	148	658	462	18	M16	32	24
4	130.25.560	132.25.560	134.25.560	694	426	148	658	462	18	M16	32	24
5	130.25.630	131.25.630	133.25.630	764	496	148	728	532	18	M16	32	28
6	130.25.630	132.25.630	134.25.630	764	496	148	728	532	18	M16	32	28
7	130.25.710	131.25.710	133.25.710	844	576	148	808	612	18	M16	32	28
8	130.25.710	132.25.710	134.25.710	844	576	148	808	612	18	M16	32	28
9	130.32.800	131.32.800	133.32.800	964	636	182	920	680	22	M20	40	36
10	130.32.800	132.32.800	134.32.800	964	636	182	920	680	22	M20	40	36
11	130.32.900	131.32.900	133.32.900	1064	736	182	1020	780	22	M20	40	36
12	130.32.900	132.32.900	134.32.900	1064	736	182	1020	780	22	M20	40	36
13	130.32.1000	131.32.1000	133.32.1000	1164	836	182	1120	880	22	M20	40	40
14	130.32.1000	132.32.1000	134.32.1000	1164	836	182	1120	880	22	M20	40	40
15	130.32.1120	131.32.1120	133.32.1120	1284	956	182	1240	1000	22	M20	40	40
16	130.32.1120	132.32.1120	134.32.1120	1284	956	182	1240	1000	22	M20	40	40
17	130.40.1250	131.40.1250	133.40.1250	1445	1055	220	1393	1107	26	M24	48	45
18	130.40.1250	132.40.1250	134.40.1250	1445	1055	220	1393	1107	26	M24	48	45
19	130.40.1400	131.40.1400	133.40.1400	1595	1205	220	1543	1257	26	M24	48	45
20	130.40.1400	132.40.1400	134.40.1400	1595	1205	220	1543	1257	26	M24	48	45
21	130.40.1600	131.40.1600	133.40.1600	1795	1405	220	1743	1457	26	M24	48	48
22	130.40.1600	132.40.1600	134.40.1600	1795	1405	220	1743	1457	26	M24	48	48
23	130.40.1800	131.40.1800	133.40.1800	1995	1605	220	1943	1657	26	M24	48	48
24	130.40.1800	132.40.1800	134.40.1800	1995	1605	220	1943	1657	26	M24	48	48
25	130.45.2000	131.45.2000	133.45.2000	2221	1779	231	2155	1845	33	M30	60	60
26	130.45.2000	132.45.2000	134.45.2000	2221	1779	231	2155	1845	33	M30	60	60
27	130.45.2240	131.45.2240	133.45.2240	2461	2019	231	2395	2085	33	M30	60	60
28	130.45.2240	132.45.2240	134.45.2240	2461	2019	231	2395	2085	33	M30	60	60
29	130.45.2500	131.45.2500	133.45.2500	2721	2279	231	2655	2345	33	M30	60	72
30	130.45.2500	132.45.2500	134.45.2500	2721	2279	231	2655	2345	33	M30	60	72

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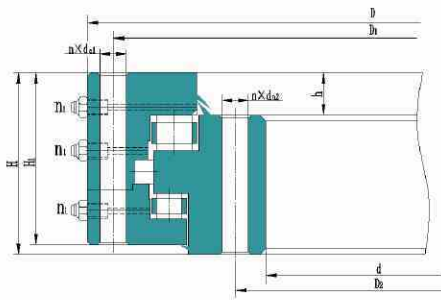
133&134

Structural Dimensions			Gear Data		External Gear Data		Internal Gear Data	
n ₁	H ₁	h	b	m	d _a	z	d _a	z
4	138	32	80	5	664	130	337	68
4	138	32	80	6	664.8	108	338.4	57
4	138	32	80	5	724	142	397	80
4	138	32	80	6	724.8	118	398.4	67
4	138	32	80	6	808.8	132	458.4	77
4	138	32	80	8	806.4	98	459.2	58
4	138	32	80	6	886.8	145	536.4	90
4	138	32	80	8	886.4	108	539.2	68
4	172	40	120	8	1006.4	123	595.2	75
4	172	40	120	10	1008	98	594	60
4	172	40	120	8	1102.4	135	691.2	87
4	172	40	120	10	1108	108	694	70
5	172	40	120	10	1218	119	784	79
5	172	40	120	12	1221.6	99	784.8	66
5	172	40	120	10	1338	131	904	91
5	172	40	120	12	1341.6	109	904.8	76
5	210	50	150	12	1509.6	123	988.8	83
5	210	50	150	14	1509.2	105	985.6	71
5	210	50	150	12	1665.6	136	1144.8	96
5	210	50	150	14	1663.2	116	1139.6	82
6	210	50	150	14	1873.2	131	1335.6	96
6	210	50	150	16	1868.8	114	1334.4	84
6	210	50	150	14	2069.2	145	1531.6	110
6	210	50	150	16	2076.8	127	1526.4	96
6	219	54	160	16	2300.8	141	1702.4	107
6	219	54	160	18	2300.4	125	1699.2	95
6	219	54	160	16	2556.8	157	1926.4	121
6	219	54	160	18	2552.4	139	1933.2	108
8	219	54	160	18	2822.4	154	2185.2	122
8	219	54	160	20	2816	138	2188	110

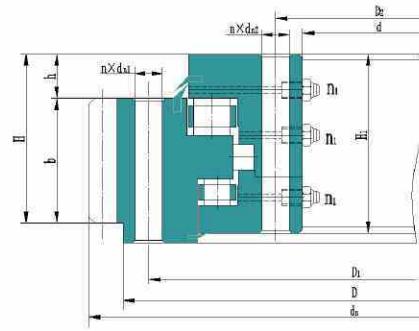
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THREE-ROW CYLINDRICAL ROLLER COMBINED SLEWING BEARING



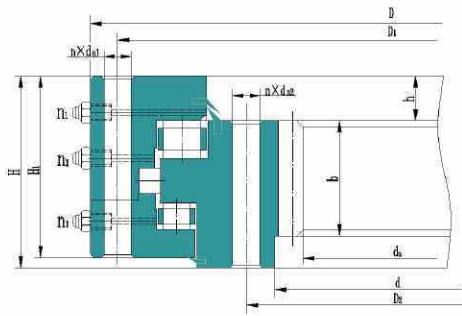
130



131&132

*All dimensions in mm

No.	Basic Models			External Dimensions			Mounting Hole Dimensions					
	No Gear	External Gear	Internal Gear	D	d	H	D ₁	D ₂	d _{n1} d _{n2}	d _{m1} d _{m2}	L	n
31	130.45.2800	131.45.2800	133.45.2800	3021	2579	231	2955	2645	33	M30	60	72
32	130.45.2800	132.45.2800	134.45.2800	3021	2579	231	2955	2645	33	M30	60	72
33	130.50.3150	131.50.3150	133.50.3150	3432	2868	270	3342	2958	45	M42	84	72
34	130.50.3150	132.50.3150	134.50.3150	3432	2868	270	3342	2958	45	M42	84	72
35	130.50.3550	131.50.3550	133.50.3550	3832	3268	270	3742	3358	45	M42	84	72
36	130.50.3550	132.50.3550	134.50.3550	3832	3268	270	3742	3358	45	M42	84	72
37	130.50.4000	131.50.4000	133.50.4000	4282	3718	270	4192	3808	45	M42	84	80
38	130.50.4000	132.50.4000	134.50.4000	4282	3718	270	4192	3808	45	M42	84	80
39	130.50.4500	131.50.4500	133.50.4500	4782	4218	270	4692	4308	45	M42	84	80
40	130.50.4500	132.50.4500	134.50.4500	4782	4218	270	4692	4308	45	M42	84	80

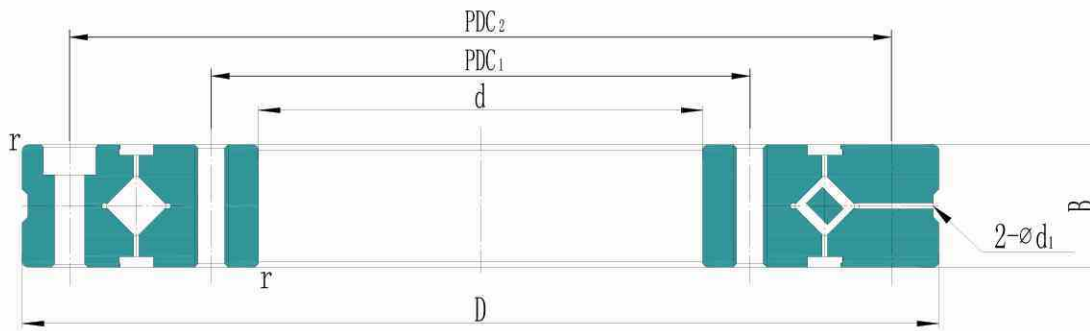


133&134

Structural Dimensions			Gear Data		External Gear Data		Internal Gear Data	
n ₁	H ₁	h	b	m	d _a	z	d _a	z
8	219	54	160	18	3110.4	170	2491.2	139
8	219	54	160	20	3116	153	2488	125
8	258	65	180	20	3536	174	2768	139
8	258	65	180	22	3537.6	158	2758.8	126
8	258	65	180	20	3936	194	3168	159
8	258	65	180	22	3933.6	176	3154.8	144
8	258	65	180	22	4395.6	197	3616.8	165
8	258	65	180	25	4395	173	3610	145
8	258	65	180	22	4901.6	220	4122.8	188
8	258	65	180	25	4895	193	4110	165

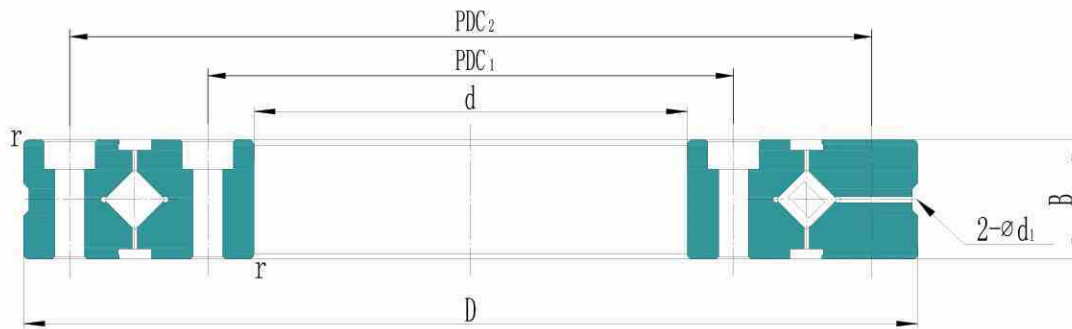
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QRU 42 & QRU 66 & QRU 85

*All dimensions in mm

No.	Shaft diameter	Model No.	Main dimensions					
			Inner diameter d	Outer diameter D	Roller pitch circle diameter dp	Width B	Greasing hole d ₁	r _{min}
1	20	QRU 42	20	70	41.5	12	3.1	0.6
2	35	QRU 66	35	95	66	15	3.1	0.6
3	55	QRU 85	55	120	85	15	3.1	0.6
4	80	QRU 124	80	165	124	22	3.1	1.0
5	90	QRU 148	90	210	147.5	25	3.1	1.5
6	115	QRU 178	115	240	178	28	3.1	1.5
7	160	QRU 228	160	295	228	35	6.0	2.0
8	210	QRU 297	210	380	297	40	6.0	2.5
9	350	QRU 445	350	540	445	45	6.0	2.5

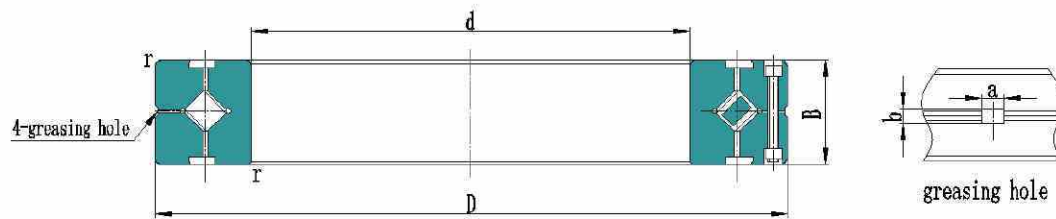


QRU 124 & QRU 148 & QRU 178 & QRU 228 & QRU 297 & QRU 445

Shoulder height		Basic load rating (radial)		Mass	Mounting Holes Related	
d_s (max)	D_h (min)	C KN	D_0 KN	Kg	Inner ring PDC_1	Outer ring PDC_2
36	47	7.35	8.35	0.29	28	57
59	74	17.5	22.3	0.62	45	83
77	93	20.3	29.5	1	65	105
114	134	33.1	50.9	2.6	97	148
133	162	49.1	76.8	4.9	112	187
161	195	80.3	135	6.8	139	217
208	246	104	173	11.4	184	270
272	320	156	281	21.3	240	350
417	473	222	473	35.4	385	505

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*All dimensions in mm

No.	Shaft diameter	Model No.	Main dimensions						
			Inner diameter d	Outer diameter D	Roller pitch circle diameter dp	Width B	Greasing hole		r _{min}
							a	b	
1	20	QRB 2008	20	36	27	8	2	0.8	0.5
2	25	QRB 2508	25	41	32	8	2	0.8	0.5
3	30	QRB 3010	30	55	41.5	10	2.5	1	0.6
4	35	QRB 3510	35	60	46.5	10	2.5	1	0.6
5	40	QRB 4010	40	65	51.5	10	2.5	1	0.6
6	45	QRB 4510	45	70	56.5	10	2.5	1	0.6
7	50	QRB 5013	50	80	64	13	2.5	1.6	0.6
8	60	QRB 6013	60	90	74	13	2.5	1.6	0.6
9	70	QRB 7013	70	100	84	13	2.5	1.6	0.6
10	80	QRB 8016	80	120	98	16	3	1.6	0.6
11	90	QRB 9016	90	130	108	16	3	1.6	1
12	100	QRB 10016	100	140	119.3	16	3.5	1.6	1
13	100	QRB 10020	100	150	123	20	3.5	1.6	1
14	110	QRB 11012	110	135	121.8	12	2.5	1	0.6
15	110	QRB 11015	110	145	126.5	15	3.5	1.6	0.6
16	110	QRB 11020	110	160	133	20	3.5	1.6	1
17	120	QRB 12016	120	150	134.2	16	3.5	1.6	0.6
18	120	QRB 12025	120	180	148.7	25	3.5	2	1.5
19	130	QRB 13015	130	160	144.5	15	3.5	1.6	0.6
20	130	QRB 13025	130	190	158	25	3.5	2	1.5
21	140	QRB 14016	140	175	154.8	16	2.5	1.6	1
22	140	QRB 14025	140	200	168	25	3.5	2	1.5
23	150	QRB 15013	150	180	164	13	2.5	1.6	0.6
24	150	QRB 15025	150	210	178	25	3.5	2	1.5
25	150	QRB 15030	150	230	188	30	4.5	3	1.5
26	160	QRB 16025	160	220	188.6	25	3.5	2	1.5
27	170	QRB 17020	170	220	191	20	3.5	1.6	1.5
28	180	QRB 18025	180	240	210	25	3.5	2	1.5
29	190	QRB 19025	190	240	211.9	25	3.5	1.6	1
30	200	QRB 20025	200	260	230	25	3.5	2	2

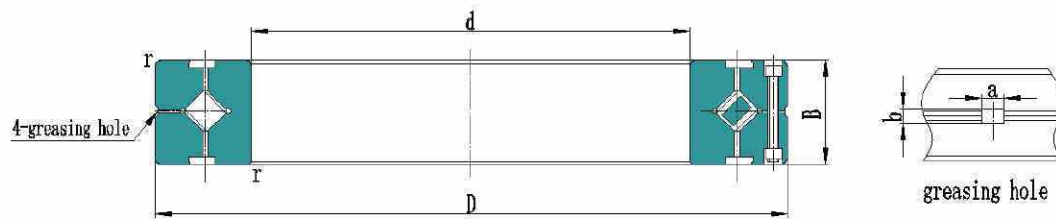
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Shoulder height		Basic load rating (radial)		Mass
d _s (max)	D _h (min)	C KN	C ₀ KN	Kg
23.5	30.5	3.23	3.1	0.04
28.5	35.5	3.63	3.83	0.05
37	47	7.35	8.36	0.12
41	51.5	7.64	9.12	0.13
46.5	57.5	8.33	10.6	0.16
51	61.5	8.62	11.3	0.17
57	72	16.7	20.9	0.27
67	82	18	24.3	0.3
77	92	19.4	27.7	0.35
88	110	30.1	42.1	0.7
98	118	31.4	45.3	0.75
109	129	31.7	48.6	0.83
113	133	33.1	50.9	1.45
117	128	12.5	24.1	0.4
119	136	23.7	41.5	0.75
120	143	34	54	1.56
127	141	24.2	43.2	0.72
133	164	66.9	100	2.62
137	152	25	46.7	0.72
143	174	69.5	107	2.82
147	162	25.9	50.1	1
154	185	74.8	121	2.96
157	172	27	53.5	0.68
164	194	76.8	128	3.16
169	211	100	156	5.3
173	204	81.7	135	3.14
184	198	29	62.1	2.21
195	225	84	143	3.44
202	222	41.7	82.9	2.99
215	245	84.2	157	4

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*All dimensions in mm

No.	Shaft diameter	Model No.	Main dimensions						
			Inner diameter d	Outer diameter D	Roller pitch circle diameter dp	Width B	Greasing hole		r _{min}
							a	b	
1	200	QRB 20030	200	280	240	30	4.5	3	2
2	200	QRB 20035	200	295	247.7	35	5	3	2
3	220	QRB 22025	220	280	250.1	25	3.5	2	2
4	240	QRB 24025	240	300	269	25	3.5	2	2.5
5	250	QRB 25025	250	310	277.5	25	3.5	2	2.5
6	250	QRB 25030	250	330	287.5	30	4.5	3	2.5
7	250	QRB 25040	250	355	300.7	40	6	3.5	2.5
8	300	QRB 30025	300	360	328	25	3.5	2	2.5
9	300	QRB 30035	300	395	345	35	5	3	2.5
10	300	QRB 30040	300	405	351.6	40	6	3.5	2.5
11	350	QRB 35020	350	400	373.4	20	3.5	1.6	2.5
12	400	QRB 40035	400	480	440.3	35	5	3	2.5
13	400	QRB 40040	400	510	453.4	40	6	3.5	2.5
14	450	QRB 45025	450	500	474	25	3.5	1.6	1
15	500	QRB 50025	500	550	524.2	25	3.5	1.6	1
16	500	QRB 50040	500	600	548.8	40	6	3	2.5
17	500	QRB 50050	500	625	561.6	50	6	3.5	2.5
18	600	QRB 60040	600	700	650	40	6	3	3
19	700	QRB 70045	700	815	753.5	45	6	3	3
20	800	QRB 80070	800	950	868.1	70	6	4	4
21	900	QRB 90070	900	1050	969	70	6	4	4
22	1000	QRB1000110	1000	1250	1114	110	6	6	5
23	1250	QRB1250110	1250	1500	1365.8	110	6	6	5

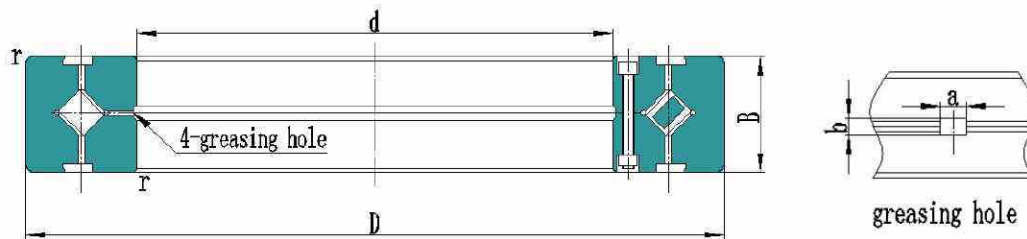
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Shoulder height		Basic load rating (radial)		Mass
d _s (max)	D _h (min)	C KN	C ₀ KN	Kg
221	258	114	200	6.7
225	270	151	252	9.6
235	265	92.3	171	4.1
256	281	68.3	145	4.5
265	290	69.3	150	5
269	306	126	244	8.1
275	326	195	348	14.8
315	340	76.3	178	5.9
322	368	183	367	13.4
326	377	212	409	17.2
363	383	54.1	143	3.9
422	459	156	370	14.5
428	479	241	531	23.5
464	484	61.7	182	6.6
514	534	65.5	201	7.3
526	572	239	607	26
536	587	267	653	41.7
627	673	264	721	29
731	777	281	836	46
836	900	468	1330	105
937	1001	494	1490	120
1057	1171	1220	3220	360
1308	1423	1350	3970	440

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*All dimensions in mm

No.	Shaft diameter	Model No.	Main dimensions						
			Inner diameter d	Outer diameter D	Roller pitch circle diameter dp	Width B	Greasing hole		r _{min}
							a	b	
1	20	QRE 2008	20	36	29	8	2	0.8	0.5
2	25	QRE 2508	25	41	34	8	2	0.8	0.5
3	30	QRE 3010	30	55	43.5	10	2.5	1	0.6
4	35	QRE 3510	35	60	48.5	10	2.5	1	0.6
5	40	QRE 4010	40	65	53.5	10	2.5	1	0.6
6	45	QRE 4510	45	70	58.5	10	2.5	1	0.6
7	50	QRE 5013	50	80	66	13	2.5	1.6	0.6
8	60	QRE 6013	60	90	76	13	2.5	1.6	0.6
9	70	QRE 7013	70	100	86	13	2.5	1.6	0.6
10	80	QRE 8016	80	120	101.4	16	3	1.6	0.6
11	90	QRE 9016	90	130	112	16	3	1.6	1
12	100	QRE 10016	100	140	121.1	16	3.5	1.6	1
13	100	QRE 10020	100	150	127	20	3.5	1.6	1
14	110	QRE 11012	110	135	123.3	12	2.5	1	0.6
15	110	QRE 11015	110	145	129	15	3.5	1.6	0.6
16	110	QRE 11020	110	160	137	20	3.5	1.6	1
17	120	QRE 12016	120	150	136	16	3.5	1.6	0.6
18	120	QRE 12025	120	180	152	25	3.5	2	1.5
19	130	QRE 13015	130	160	146	15	3.5	1.6	0.6
20	130	QRE 13025	130	190	162	25	3.5	2	1.5
21	140	QRE 14016	140	175	160	16	2.5	1.6	1
22	140	QRE 14025	140	200	172	25	3.5	2	1.5
23	150	QRE 15013	150	180	166	13	2.5	1.6	0.6
24	150	QRE 15025	150	210	182	25	3.5	2	1.5
25	150	QRE 15030	150	230	192	30	4.5	3	1.5
26	160	QRE 16025	160	220	192	25	3.5	2	1.5
27	170	QRE 17020	170	220	196.1	20	3.5	1.6	1.5
28	180	QRE 18025	180	240	210	25	3.5	2	1.5
29	190	QRE 19025	190	240	219	25	3.5	1.6	1
30	200	QRE 20025	200	260	230	25	3.5	2	2

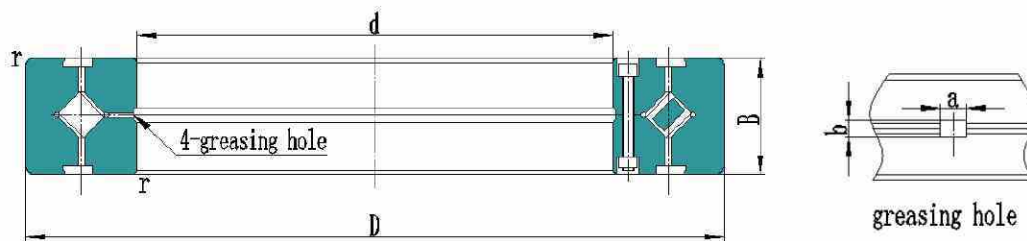
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Shoulder height		Basic load rating (radial)		Mass
d _s (max)	D _h (min)	C KN	C ₀ KN	Kg
24.5	32.5	3.23	3.1	0.04
29.5	37.5	3.63	3.83	0.05
37.5	48.5	7.35	8.36	0.12
42.5	53.5	7.64	9.12	0.13
47.5	58.5	8.33	10.6	0.16
52.5	63.5	8.62	11.3	0.17
57.5	73	16.7	20.9	0.27
68	83	18	24.3	0.3
78	93	19.4	27.7	0.35
91	111	30.1	42.1	0.7
100	122	31.4	45.3	0.75
109	131	31.7	48.6	0.83
115	137	33.1	50.9	1.45
117	128	12.5	24.1	0.4
122	136	23.7	41.5	0.75
125	147	34	54	1.56
127	143	24.2	43.2	0.72
135	166	66.9	100	2.62
137	153	25	46.7	0.72
145	176	69.5	107	2.82
151	167	25.9	50.1	1
154	186	74.8	121	2.96
158	173	27	53.5	0.68
164	196	76.8	128	3.16
173	210	100	156	5.3
174	206	81.7	135	3.14
187	204	29	62.1	2.21
195	225	84	143	3.44
207	229	41.7	82.9	2.99
215	245	84.2	157	4

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*All dimensions in mm

No.	Shaft diameter	Model No.	Main dimensions						
			Inner diameter d	Outer diameter D	Roller pitch circle diameter dp	Width B	Greasing hole		r _{min}
							a	b	
1	200	QRE 20030	200	280	240	30	4.5	3	2
2	200	QRE 20035	200	295	247.7	35	5	3	2
3	220	QRE 22025	220	280	250.1	25	3.5	2	2
4	240	QRE 24025	240	300	272.5	25	3.5	2	2.5
5	250	QRE 25025	250	310	280.9	25	3.5	2	2.5
6	250	QRE 25030	250	330	287.5	30	4.5	3	2.5
7	250	QRE 25040	250	355	300.7	40	6	3.5	2.5
8	300	QRE 30025	300	360	332	25	3.5	2	2.5
9	300	QRE 30035	300	395	345	35	5	3	2.5
10	300	QRE 30040	300	405	351.6	40	6	3.5	2.5
11	350	QRE 35020	350	400	376.6	20	3.5	1.6	2.5
12	400	QRE 40035	400	480	440.3	35	5	3	2.5
13	400	QRE 40040	400	510	453.4	40	6	3.5	2.5
14	450	QRE 45025	450	500	476.6	25	3.5	1.6	1
15	500	QRE 50025	500	550	526.6	25	3.5	1.6	1
16	500	QRE 50040	500	600	548.8	40	6	3	2.5
17	500	QRE 50050	500	625	561.6	50	6	3.5	2.5
18	600	QRE 60040	600	700	650	40	6	3	3

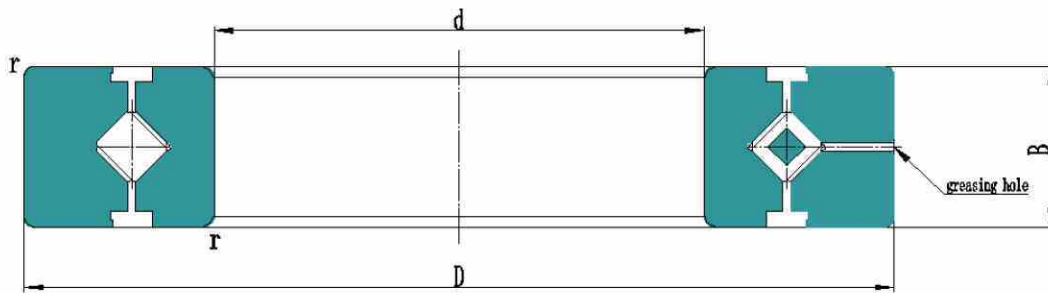
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Shoulder height		Basic load rating (radial)		Mass
d _s (max)	D _h (min)	C KN	C ₀ KN	Kg
221	258	114	200	6.7
225	270	151	252	9.6
235	265	92.3	171	4.1
258	284	68.3	145	4.5
268	293	69.3	150	5
269	306	126	244	8.1
275	326	195	348	14.8
319	344	75.5	178	5.9
322	368	183	367	13.4
326	377	212	409	17.2
365	386	54.1	143	3.9
422	459	156	370	14.5
428	479	241	531	23.5
465	486	61.7	182	6.6
515	536	65.5	201	7.3
526	572	239	607	26
536	587	267	653	41.7
627	673	264	721	29

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*All dimensions in mm

No.	Shaft diameter	Model No.	Main dimensions					
			Inner diameter d	Outer diameter D	Roller pitch circle diameter d_p	Width B	Greasing hole d_0	r_{min}
1	10	QRAU 1005	10	21	14.7	5	1	0.15
2	15	QRAU 1505	15	26	19.7	5	1	0.15
3	20	QRAU 2005	20	31	24.7	5	1	0.15
4	30	QRAU 3005	30	41	34.7	5	1	0.15
5	40	QRAU 4005	40	51	44.7	5	1	0.15
6	50	QRAU 5005	50	61	54.7	5	1	0.15
7	60	QRAU 6005	60	71	64.7	5	1	0.15
8	70	QRAU 7005	70	81	74.7	5	1	0.15
9	80	QRAU 8005	80	91	84.7	5	1	0.15
10	90	QRAU 9005	90	101	94.7	5	1	0.15
11	100	QRAU 10005	100	111	104.7	5	1	0.15
12	50	QRAU 5008	50	66	57	8	1.5	0.5
13	60	QRAU 6008	60	76	67	8	1.5	0.5
14	70	QRAU 7008	70	86	77	8	1.5	0.5
15	80	QRAU 8008	80	96	87	8	1.5	0.5
16	90	QRAU 9008	90	106	97	8	1.5	0.5
17	100	QRAU 10008	100	116	107	8	1.5	0.5
18	110	QRAU 11008	110	126	117	8	1.5	0.5
19	120	QRAU 12008	120	136	127	8	1.5	0.5
20	130	QRAU 13008	130	146	137	8	1.5	0.5
21	140	QRAU 14008	140	156	147	8	1.5	0.5
22	150	QRAU 15008	150	166	157	8	1.5	0.5
23	160	QRAU 16013	160	186	172	13	2.0	0.8
24	170	QRAU 17013	170	196	182	13	2.0	0.8
25	180	QRAU 18013	180	206	192	13	2.0	0.8
26	190	QRAU 19013	190	216	202	13	2.0	0.8
27	200	QRAU 20013	200	226	212	13	2.0	0.8

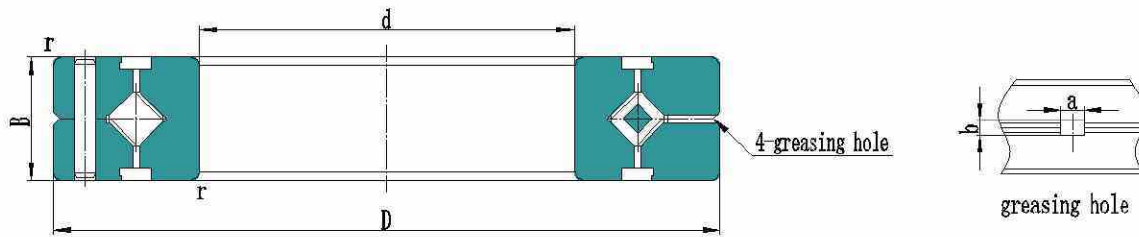
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Shoulder height		Basic load rating (radial)		Mass
d _s (max)	D _h (min)	C KN	C ₀ KN	Kg
12.5	17	1.12	0.809	0.009
17.5	22	1.32	1.10	0.012
22.5	27	1.49	1.40	0.015
32.5	37	1.89	2.14	0.021
42.5	47	2.14	2.74	0.027
52.5	57	2.43	3.49	0.032
62.5	67	2.63	4.09	0.038
72.5	77	2.81	4.68	0.044
82.5	89	3.05	5.43	0.050
92.5	97	3.19	6.03	0.056
102.5	107	3.37	6.63	0.061
53.5	60.5	5.1	7.19	0.08
63.5	70.5	5.68	8.68	0.09
73.5	80.5	5.98	9.8	0.1
83.5	90.5	6.37	11.3	0.11
93.5	100.5	6.76	12.4	0.12
103.5	110.5	7.15	13.9	0.14
113.5	120.5	7.45	15	0.15
123.5	130.5	7.84	16.5	0.17
133.5	140.5	7.94	17.6	0.18
143.5	150.5	8.33	19.1	0.19
153.5	160.5	8.82	20.6	0.2
165	179	23.3	44.9	0.59
175	189	23.5	46.5	0.64
185	199	24.5	49.8	0.68
195	209	24.9	51.5	0.69
205	219	25.8	54.7	0.71

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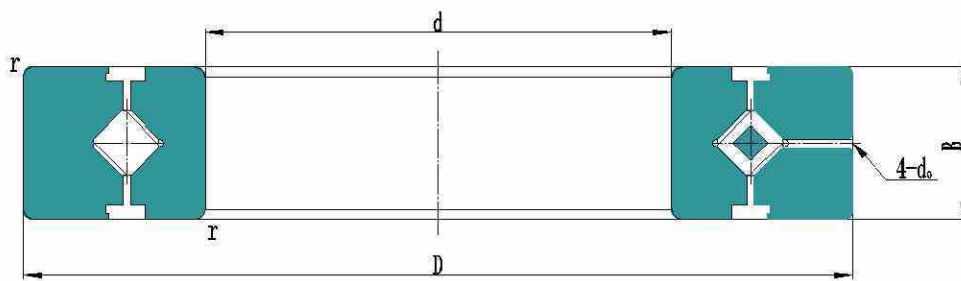
*All dimensions in mm

No.	Shaft diameter	Model No.	Main dimensions						
			Inner diameter d	Outer diameter D	Roller pitch circle diameter d_p	Width B	Greasing hole		r_{min}
							a	b	
1	50	QRA 5008	50	66	57	8	2	0.8	0.5
2	60	QRA 6008	60	76	67	8	2	0.8	0.5
3	70	QRA 7008	70	86	77	8	2	0.8	0.5
4	80	QRA 8008	80	96	87	8	2	0.8	0.5
5	90	QRA 9008	90	106	97	8	2	0.8	0.5
6	100	QRA 10008	100	116	107	8	2	0.8	0.5
7	110	QRA 11008	110	126	117	8	2	0.8	0.5
8	120	QRA 12008	120	136	127	8	2	0.8	0.5
9	130	QRA 13008	130	146	137	8	2	0.8	0.5
10	140	QRA 14008	140	156	147	8	2	0.8	0.5
11	150	QRA 15008	150	166	157	8	2	0.8	0.5
12	160	QRA 16013	160	186	172	13	2.5	1.6	0.8
13	170	QRA 17013	170	196	182	13	2.5	1.6	0.8
14	180	QRA 18013	180	206	192	13	2.5	1.6	0.8
15	190	QRA 19013	190	216	202	13	2.5	1.6	0.8
16	200	QRA 20013	200	226	212	13	2.5	1.6	0.8

Shoulder height		Basic load rating (radial)		Mass
d _s (max)	D _h (min)	C KN	C ₀ KN	Kg
53.5	60.5	5.1	7.19	0.08
63.5	70.5	5.68	8.68	0.09
73.5	80.5	5.98	9.8	0.1
83.5	90.5	6.37	11.3	0.11
93.5	100.5	6.76	12.4	0.12
103.5	110.5	7.15	13.9	0.14
113.5	120.5	7.45	15	0.15
123.5	130.5	7.84	16.5	0.17
133.5	140.5	7.94	17.6	0.18
143.5	150.5	8.33	19.1	0.19
153.5	160.5	8.82	20.6	0.2
165	179	23.3	44.9	0.59
175	189	23.5	46.5	0.64
185	199	24.5	49.8	0.68
195	209	24.9	51.5	0.69
205	219	25.8	54.7	0.71

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*All dimensions in mm

No.	Shaft diameter	Model No.	Main dimensions					
			Inner diameter d	Outer diameter D	Roller pitch circle diameter d_p	Width B	Greasing hole d_0	r_{min}
1	50	QRA-C 5008	50	66	57	8	1.5	0.5
2	60	QRA-C 6008	60	76	67	8	1.5	0.5
3	70	QRA-C 7008	70	86	77	8	1.5	0.5
4	80	QRA-C 8008	80	96	87	8	1.5	0.5
5	90	QRA-C 9008	90	106	97	8	1.5	0.5
6	100	QRA-C 10008	100	116	107	8	1.5	0.5
7	110	QRA-C 11008	110	126	117	8	1.5	0.5
8	120	QRA-C 12008	120	136	127	8	1.5	0.5
9	130	QRA-C 13008	130	146	137	8	1.5	0.5
10	140	QRA-C 14008	140	156	147	8	1.5	0.5
11	150	QRA-C 15008	150	166	157	8	1.5	0.5
12	160	QRA-C 16013	160	186	172	13	2	0.8
13	170	QRA-C 17013	170	196	182	13	2	0.8
14	180	QRA-C 18013	180	206	192	13	2	0.8
15	190	QRA-C 19013	190	216	202	13	2	0.8
16	200	QRA-C 20013	200	226	212	13	2	0.8

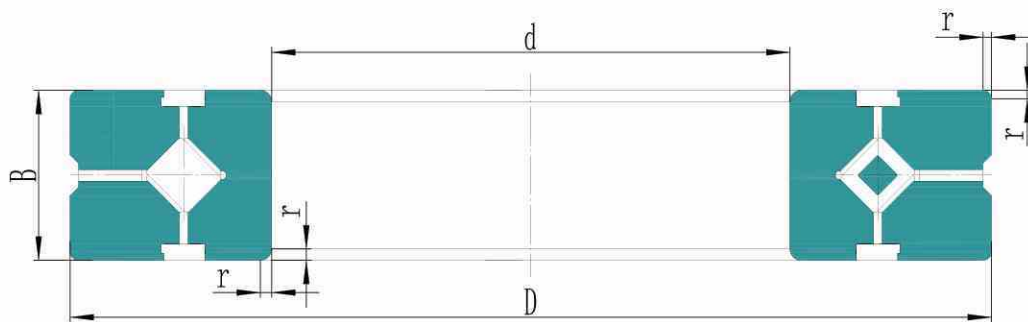
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Shoulder height		Basic load rating (radial)		Mass
d _s (max)	D _h (min)	C KN	C ₀ KN	Kg
53.5	60.5	5.1	7.19	0.08
63.5	70.5	5.68	8.68	0.09
73.5	80.5	5.98	9.8	0.1
83.5	90.5	6.37	11.3	0.11
93.5	100.5	6.76	12.4	0.12
103.5	110.5	7.15	13.9	0.14
113.5	120.5	7.45	15	0.15
123.5	130.5	7.84	16.5	0.17
133.5	140.5	7.94	17.6	0.18
143.5	150.5	8.33	19.1	0.19
153.5	160.5	8.82	20.6	0.2
165	179	23.3	44.9	0.59
175	189	23.5	46.5	0.64
185	199	24.5	49.8	0.68
195	209	24.9	51.5	0.69
205	219	25.8	54.7	0.71

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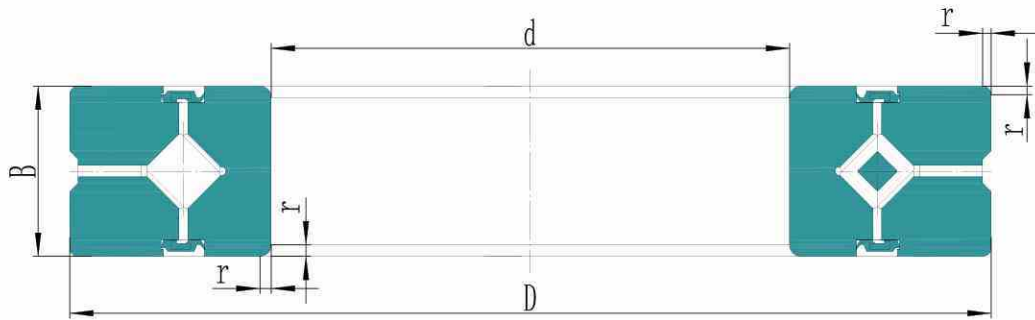


*All dimensions in mm

No.	Shaft diameter	Identification number	Weight (Ref.) Kg	Boundary dimensions				Mounting dimensions		Basic dynamic load rating C(N)	Basic static load rating Co(N)
				d	D	B	r _{min}	d _a	D _a		
1	20	QCRBH 208 A	0.04	20	36	8	0.3	24	31	2910	2430
2	25	QCRBH 258 A	0.05	25	41	8	0.3	29	36	3120	2810
3	30	QCRBH 3010 A	0.12	30	55	10	0.3	36.5	48.5	7600	8370
4	35	QCRBH 3510 A	0.13	35	60	10	0.3	41.5	53.5	7900	9130
5	40	QCRBH 4010 A	0.15	40	65	10	0.3	46.5	58.5	8610	10600
6	45	QCRBH 4510 A	0.16	45	70	10	0.3	51.5	63.5	8860	11300
7	50	QCRBH 5013 A	0.29	50	80	13	0.6	56	74	17300	20900
8	60	QCRBH 6013 A	0.33	60	90	13	0.6	66	84	18800	24300
9	70	QCRBH 7013 A	0.38	70	100	13	0.6	76	94	20100	27700
10	80	QCRBH 8016 A	0.74	80	120	16	0.6	88	112	32100	43400
11	90	QCRBH 9016 A	0.81	90	130	16	0.6	98	122	33100	46800
12	100	QCRBH 10020 A	1.45	100	150	20	0.6	110	140	50900	72200
13	110	QCRBH 11020 A	1.56	110	160	20	0.6	120	150	52400	77400
14	120	QCRBH 12025 A	2.62	120	180	25	1	132	168	73400	108000
15	130	QCRBH 13025 A	2.82	130	190	25	1	142	178	75900	115000
16	140	QCRBH 14025 A	2.96	140	200	25	1	152	188	81900	130000
17	150	QCRBH 15025 A	3.16	150	210	25	1	162	198	84300	138000
18	200	QCRBH 20025 A	4.0	200	260	25	1	212	248	92300	169000
19	250	QCRBH 25025 A	4.97	250	310	25	1.5	262	298	102000	207000

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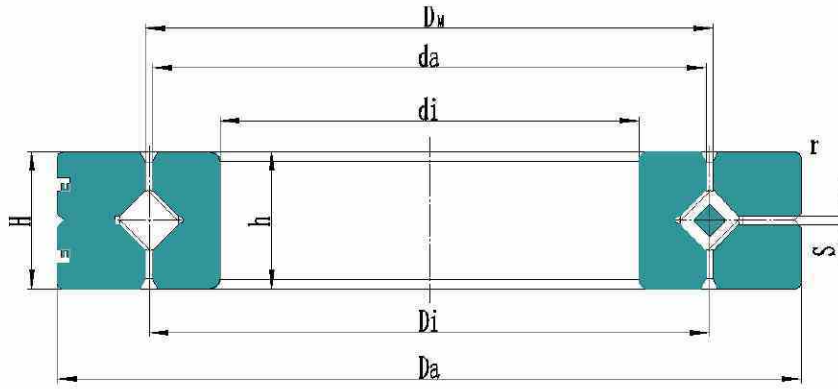
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Shaft diameter	Identification number	Weight (Ref.) Kg	Boundary dimensions				Mounting dimensions		Basic dynamic load rating C(N)	Basic static load rating Co(N)
			d	D	B	r_{min}	d_a	D_a		
20	QCRBH 208 A UU	0.04	20	36	8	0.3	24	31	2910	2430
25	QCRBH 258 A UU	0.05	25	41	8	0.3	29	36	3120	2810
30	QCRBH 3010 A UU	0.12	30	55	10	0.3	36.5	48.5	7600	8370
35	QCRBH 3510 A UU	0.13	35	60	10	0.3	41.5	53.5	7900	9130
40	QCRBH 4010 A UU	0.15	40	65	10	0.3	46.5	58.5	8610	10600
45	QCRBH 4510 A UU	0.16	45	70	10	0.3	51.5	63.5	8860	11300
50	QCRBH 5013 A UU	0.29	50	80	13	0.6	56	74	17300	20900
60	QCRBH 6013 A UU	0.33	60	90	13	0.6	66	84	18800	24300
70	QCRBH 7013 A UU	0.38	70	100	13	0.6	76	94	20100	27700
80	QCRBH 8016 A UU	0.74	80	120	16	0.6	88	112	32100	43400
90	QCRBH 9016 A UU	0.81	90	130	16	0.6	98	122	33100	46800
100	QCRBH 10020 A UU	1.45	100	150	20	0.6	110	140	50900	72200
110	QCRBH 11020 A UU	1.56	110	160	20	0.6	120	150	52400	77400
120	QCRBH 12025 A UU	2.62	120	180	25	1	132	168	73400	108000
130	QCRBH 13025 A UU	2.82	130	190	25	1	142	178	75900	115000
140	QCRBH 14025 A UU	2.96	140	200	25	1	152	188	81900	130000
150	QCRBH 15025 A UU	3.16	150	210	25	1	162	198	84300	138000
200	QCRBH 20025 A UU	4.0	200	260	25	1	212	248	92300	169000
250	QCRBH 25025 A UU	4.97	250	310	25	1.5	262	298	102000	207000

*Non-standard bearing is available as per your requirement.

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*All dimensions in mm

No.	Designation	Mass Kg	Dimensions									Running accuracy relative to raceway	
			D _M	d _i K6	D _a h6	H	h	d _a	D _i	rmin.	S	radial	axial
1	QSX 01 1814	0.3	80	70 ^{+0.004 -0.015}	90 ^{-0.022}	10±0.10	10 ^{-0.01}	79.5	80.5	0.6	1.2	0.010	0.010
2	QSX 01 1818	0.4	102	90 ^{+0.004 -0.018}	115 ^{-0.022}	13±0.12	13 ^{-0.01}	101.5	102.5	1	2	0.010	0.010
3	QSX 01 1820	0.5	112	100 ^{+0.004 -0.018}	125 ^{-0.025}	13±0.12	13 ^{-0.01}	111.5	112.5	1	2	0.010	0.010
4	QSX 01 1824	0.8	135	120 ^{+0.004 -0.018}	150 ^{-0.025}	16±0.12	16 ^{-0.01}	134.4	135.6	1	2	0.010	0.010
5	QSX 01 1828	1.1	157	140 ^{+0.004 -0.021}	175 ^{-0.025}	18±0.12	18 ^{-0.01}	156.3	157.7	1.1	2.5	0.015	0.010
6	QSX 01 1832	1.7	180	160 ^{+0.004 -0.021}	200 ^{-0.029}	20±0.12	20 ^{-0.025}	179.2	180.8	1.1	2.5	0.015	0.010
7	QSX 01 1836	2.3	202	180 ^{+0.004 -0.021}	225 ^{-0.029}	22±0.13	22 ^{-0.025}	201.2	202.8	1.1	2.5	0.015	0.010
8	QSX 01 1840	3.1	225	200 ^{+0.005 -0.024}	250 ^{-0.029}	24±0.13	24 ^{-0.025}	224.2	225.8	1.5	2.5	0.015	0.010
9	QSX 01 1848	5.3	270	240 ^{+0.005 -0.024}	300 ^{-0.032}	28±0.13	28 ^{-0.025}	269.2	270.8	2	2.5	0.020	0.010
10	QSX 01 1860	12	340	300 ^{+0.005 -0.027}	380 ^{-0.036}	38±0.14	38 ^{-0.05}	339.2	340.8	2.1	2.5	0.020	0.010
11	QSX 01 1868	13.5	380	340 ^{+0.007 -0.029}	420 ^{-0.040}	38±0.14	38 ^{-0.05}	379.2	380.8	2.1	2.5	0.025	0.010
12	QSX 01 1880	24	450	400 ^{+0.007 -0.029}	500 ^{-0.040}	46±0.15	46 ^{-0.05}	449	451	2.1	2.5	0.030	0.010
13	QSX 01 18/500	44	560	500 ^{+0.008 -0.032}	620 ^{-0.044}	56±0.16	56 ^{-0.05}	558.8	561.2	3	2.5	0.040	0.010

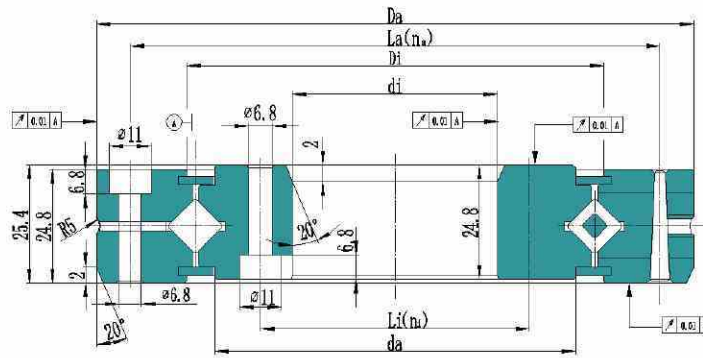
*Non-standard bearing is available as per your requirement.

*Listed models and sizes are for reference only, for detailed specifications, please contact our sales team.

Standard clearance				Low clearance RLO		Preload VSP		Basic load ratings				Limiting speeds				Dimensionally identical to ISO dimension series 18	Fixing screws Fr perm (friction locking) kN
radial clearance		axial tilting clearance		radial clearance max.	preload max.	min.	max.	axial		radial		with standard clearance		with preload			
min.	max.	min.	max.					dyn. Ca kN	stat. Coa kN	dyn. Cr kN	stat. Cor kN	no oil min	no grease min	no oil min	no grease min		
0.003	0.015	0.006	0.03	0.003	0.006	0.003	0.015	18	60	12	30	1910	955	955	475	61814	7.5
0.003	0.015	0.006	0.03	0.003	0.006	0.003	0.015	26	96	17	47	1500	750	750	375	61818	10
0.005	0.020	0.010	0.04	0.004	0.008	0.005	0.020	28	106	18	52	1360	680	680	340	61820	10
0.005	0.020	0.010	0.04	0.004	0.008	0.005	0.020	41	153	26	75	1130	565	565	280	61824	23
0.005	0.020	0.010	0.04	0.004	0.008	0.005	0.020	64	237	41	116	975	485	485	240	61828	42.3
0.005	0.020	0.010	0.04	0.004	0.008	0.005	0.020	69	272	44	133	850	425	425	210	61832	42.3
0.005	0.025	0.010	0.05	0.005	0.010	0.005	0.025	98	381	63	187	755	375	375	185	61836	●
0.005	0.025	0.010	0.05	0.005	0.010	0.005	0.025	106	425	68	208	680	340	340	170	61840	●
0.010	0.030	0.020	0.06	0.005	0.010	0.005	0.025	149	612	95	300	565	280	280	140	61848	●
0.010	0.040	0.020	0.08	0.005	0.010	0.005	0.025	245	1027	156	504	450	225	225	110	61860	●
0.010	0.040	0.020	0.08	0.005	0.010	0.005	0.025	265	1148	167	563	400	200	200	100	61868	●
0.010	0.050	0.020	0.10	0.005	0.010	0.005	0.025	385	1699	244	833	340	170	170	85	61880	●
0.015	0.060	0.030	0.12	0.006	0.012	0.005	0.030	560	2538	355	1244	275	135	135	65	618/500	●

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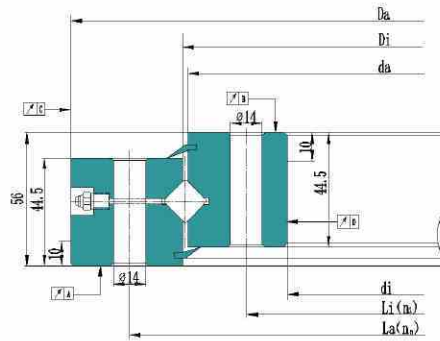
*Listed models and sizes are for reference only, for detailed specifications, please contact our sales team.



QXSU 08

*All dimensions in mm

No.	Designation	Mass Kg	Dimensions				Fixing holes		na/ni	Fixing screws Fr perm (friction locking) kN
			Da	di	Di	da	La	Li		
1	QXSU 080168	3.3	205 ⁺⁰ _{-0.029}	130 ^{+0.025} ₋₀	174	159	190	145	12	8.18
2	QXSU 080188	3.7	225 ⁺⁰ _{-0.029}	150 ^{+0.025} ₋₀	194	179	210	165	16	10.9
3	QXSU 080218	4.3	255 ⁺⁰ _{-0.032}	180 ^{+0.025} ₋₀	224	209	240	195	20	13.6
4	QXSU 080258	5.1	295 ⁺⁰ _{-0.032}	220 ^{+0.029} ₋₀	264	249	280	235	24	16.4
5	QXSU 080318	6.3	355 ⁺⁰ _{-0.036}	280 ^{+0.032} ₋₀	324	309	340	295	28	19.1
6	QXSU 080398	7.8	435 ⁺⁰ _{-0.040}	360 ^{+0.036} ₋₀	404	389	420	375	36	24.5
7	QXSU 14 0414	28	484 ⁺⁰ _{-0.06}	344 ^{+0.06} ₋₀	415	413	460	24	368	98.3
8	QXSU 14 0544	38	614 ⁺⁰ _{-0.07}	474 ^{+0.06} ₋₀	545	543	590	32	498	131
9	QXSU 14 0644	44	714 ⁺⁰ _{-0.08}	574 ^{+0.07} ₋₀	645	643	690	36	598	147
10	QXSU 14 0744	52	814 ⁺⁰ _{-0.09}	674 ^{+0.08} ₋₀	745	743	790	40	698	164
11	QXSU 14 0844	60	914 ⁺⁰ _{-0.09}	774 ^{+0.08} ₋₀	845	843	890	40	798	164
12	QXSU 14 0944	67	1014 ⁺⁰ _{-0.11}	874 ^{+0.09} ₋₀	945	943	990	44	898	180
13	QXSU 14 1094	77	1164 ⁺⁰ _{-0.11}	1024 ^{+0.11} ₋₀	1095	1093	1140	48	1048	197

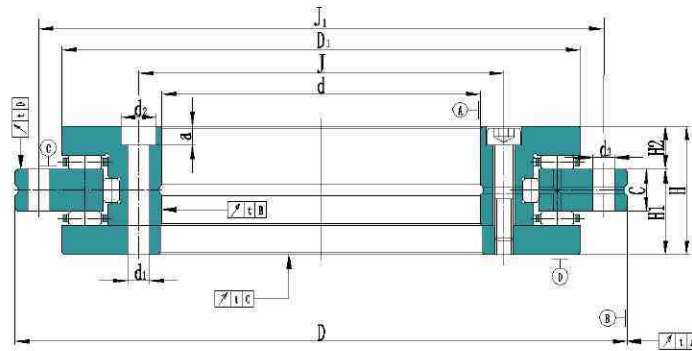


QXSU 14

Basic load ratings				Limiting speeds min	Running accuracy relative to raceway			
axial		radial			A	B	C	D
dyn. C _a kN	stat. C _{0a} kN	dyn. C _r kN	stat. C _{0r} kN					
66	240	42	96	227	●	●	●	●
71	275	46	110	203	●	●	●	●
77	315	49	127	175	●	●	●	●
84	375	54	151	148	●	●	●	●
93	465	59	185	120	●	●	●	●
106	590	68	236	96	●	●	●	●
229	520	146	250	92	0.04	0.04	0.06	0.06
270	680	170	330	70	0.04	0.04	0.07	0.06
270	680	185	395	59	0.05	0.05	0.08	0.07
315	930	200	455	51	0.05	0.05	0.09	0.08
340	1050	215	510	45	0.06	0.06	0.09	0.08
360	1170	227	580	40	0.06	0.06	0.11	0.09
390	1360	246	670	35	0.07	0.07	0.11	0.11

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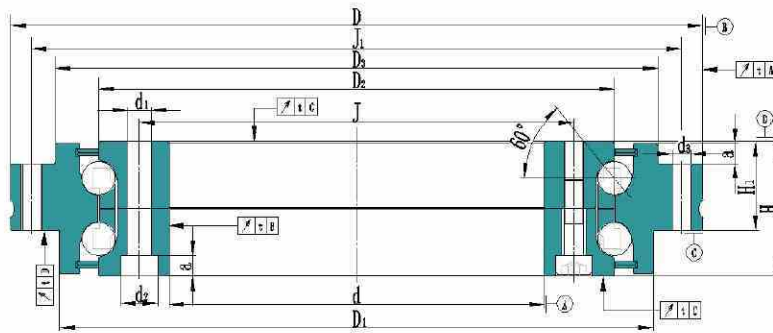
*All dimensions in mm

No.	Designation	Mass m ≈Kg	Dimensions									Fixing holes						Threaded extraction hole	
			d	D	H	H ₁	H ₂	C	D ₁ max	J	J ₁	Inner ring				Outer ring		G	Quantity
												d ₁	d ₂	a	Quantity	d ₃	Quantity		
1	QYRT50	1.6	50	126	30	20	10	10	105	63	116	5.6	●	●	10	5.6	12	●	●
2	QYRT80-TV	2.4	80	146	35	23.35	11.65	12	130	92	138	5.6	10	4	10	4.6	12	●	●
3	QYRT100	4.1	100	185	38	25	13	12	161	112	170	5.6	10	5.4	16	5.6	15	M5	3
4	QYRT120	5.3	120	210	40	26	14	12	185	135	195	7	11	6.2	22	7	21	M8	3
5	QYRT150	6.2	150	240	40	26	14	12	214	165	225	7	11	6.2	34	7	33	M8	3
6	QYRT180	7.7	180	280	43	29	14	15	245.1	194	260	7	11	6.2	46	7	45	M8	3
7	QYRT200	9.7	200	300	45	30	15	15	274.4	215	285	7	11	6.2	46	7	45	M8	3
8	QYRT260	18.3	260	385	55	36.5	18.5	18	347	280	365	9.3	15	8.2	34	9.3	33	M12	3
9	QYRT325	25	325	450	60	40	20	20	415.1	342	430	9.3	15	8.2	34	9.3	33	M12	3
10	QYRT395	33	395	525	65	42.5	22.5	20	487.7	415	505	9.3	15	8.2	46	9.3	45	M12	3
11	QYRT460	45	460	600	70	46	24	22	560.9	482	580	9.3	15	8.2	46	9.3	45	M12	3

Screw tightening torque MA Nm	Basic load ratings				Limiting speed nG min	Bearing frictional torque MR Nm	Rigidity					
	axial		radial				of bearing position			of rolling element set		
	dyn. Ca N	stat. Coa N	dyn. Cr N	stat. Cor N			axial C _{aL} kN/μm	radial C _{rL} kN/μm	Tilting rigidity C _{aL} kNm/mrad	axial C _{aL} kN/μm	radial C _{rL} kN/μm	Tilting rigidity C _{aL} kNm/mrad
8.5	56000	280000	28500	49500	440	2.5	1.3	1.1	1.25	6.2	1.5	5.9
8.5/4.5	38000	158000	44000	98000	350	3	1.6	1.8	2.5	4	2.6	6.3
8.5	73000	370000	52000	108000	280	3	2	2	5	6.8	2.4	15
14	80000	445000	70000	148000	230	7	2.1	2.2	7	7.8	3.8	24
14	85000	510000	77000	179000	210	13	2.3	2.6	11	8.7	4.6	38
14	92000	580000	83000	209000	190	14	2.6	3	17	9.9	5.3	57
14	98000	650000	89000	236000	170	15	3	3.5	23	11.2	6.2	80
34	109000	810000	102000	310000	130	25	3.5	4.5	45	13.7	8.1	155
34	186000	1710000	134000	415000	110	48	4.3	5	80	26.1	9.4	422
34	202000	2010000	133000	435000	90	75	4.9	6	130	30.3	11.3	684
34	217000	2300000	187000	650000	80	100	5.7	7	200	33.5	13.9	1049

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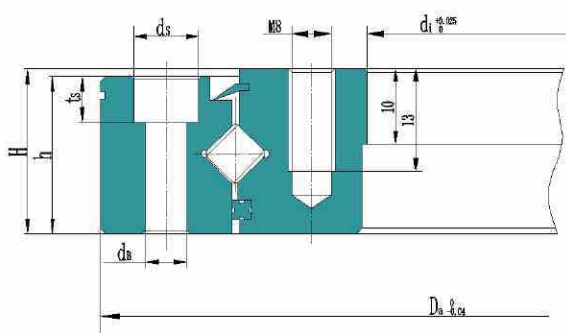
*All dimensions in mm

No.	Designation	Mass m ≈Kg	Dimensions										Fixing holes				
			d	D	H	H ₁	D ₁ max.	D ₂	D ₃	J	J ₁	a	Outer ring				
													d ₁	d ₂	Quantity	d ₃	Quantity
1	QZKLDF 100	3.8	100	185	38	25	161	136	158	112	170	5.4	5.6	10	16	5.6	15
2	QZKLDF 120	4.8	120	210	40	26	185	159	181	135	195	6.2	7	11	22	7	21
3	QZKLDF 150	5.6	150	240	40	26	214	188	211	165	225	6.2	7	11	34	7	33
4	QZKLDF 180	7.7	180	280	43	29	244	219	246	194	260	6.2	7	11	46	7	45
5	QZKLDF 200	10	200	300	45	30	274	243	271	215	285	6.2	7	11	46	7	45
6	QZKLDF 260	19	260	385	55	36.5	345	313	348	280	365	8.2	9.3	15	34	9.3	33
7	QZKLDF 325	25	325	450	60	40	415	380	413	342	430	8.2	9.3	15	34	9.3	33
8	QZKLDF 395	33	395	525	65	42.5	486	450	488	415	505	8.2	9.3	15	46	9.3	45
9	QZKLDF 460	47	460	600	70	46	560	520	563	482	580	8.2	9.3	15	46	9.3	45

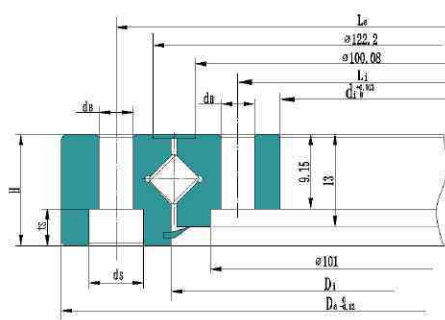
Threaded extraction hole		Screw tightening torque MA Nm	Basic load ratings		Limiting speed ng min	Rigidity					
Quantity			axial			of bearing position			of rolling element set		
			dyn. Ca N	stat. Coa N		axial CaL kN/μm	radial CrL kN/μm	Tilting rigidity CaL kNm/mrad	axial CaL kN/μm	radial CrL kN/μm	Tilting rigidity CaL kNm/mrad
M5	3	8.5	71000	265000	5000	1.2	0.35	3.6	2.2	0.35	5
M8	3	14	76000	315000	4300	1.5	0.4	5.5	2.5	0.4	8
M8	3	14	81000	380000	3600	1.7	0.4	7.8	2.9	0.4	12
M8	3	14	85000	440000	3500	1.9	0.5	10.7	2.8	0.5	16
M8	3	14	121000	610000	3200	2.5	0.6	17.5	3.7	0.6	26
M12	3	34	162000	920000	2400	3.2	0.7	40	4.7	0.7	54
M12	3	34	172000	1110000	2000	4	0.8	60	5.4	0.8	90
M12	3	34	241000	1580000	1600	4.5	0.9	100	6.3	0.9	148
M12	3	34	255000	1860000	1400	5.3	1.1	175	7.1	1.1	223

*Non-standard bearing is available as per your requirement.

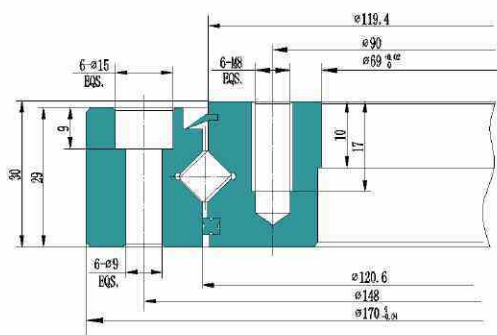
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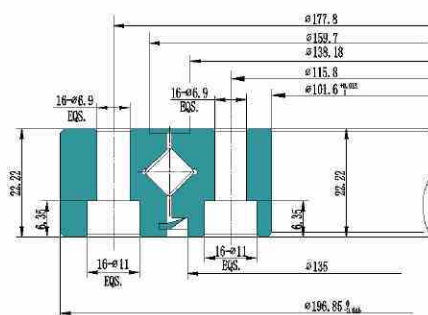
QXU 05 0077 & QXU 06 0094



QXU 06 0111



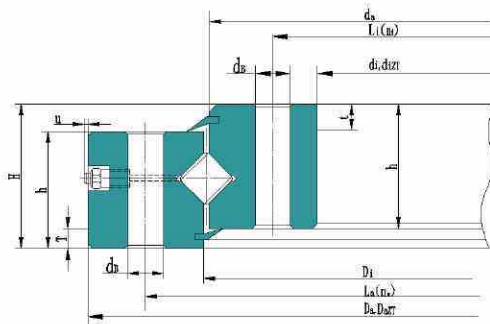
QXU 08 0120



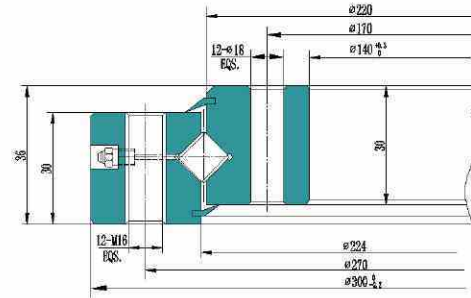
QXU 08 0149

*All dimensions in mm

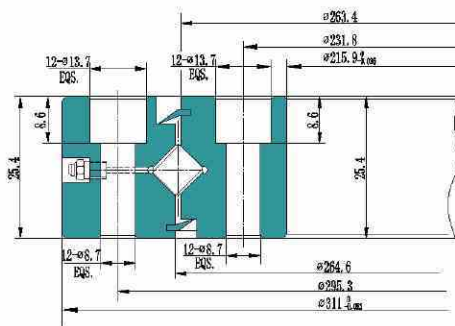
No.	Designation	Mass	Dimensions									
		kg	D _a	D _{aZT} -lt8	d _i	d _{iZT} -lt8	D _i	d _a	H	h	T	t
1	QXU 05 0077	1.4	112	112	40	●	77.5	74	22	21	●	10
2	QXU 06 0094	2.4	140	140	57	●	94.6	93.4	26	25	●	10
3	QXU 06 0111	1.2	145.79	145.79	76.2	●	103	●	15.87	●	●	●
4	QXU 08 0120	4	170	170	69	●	120.6	119.4	30	29	●	10
5	QXU 08 0149	3.6	196.85	196.85	101.6	●	149.6	●	22.22	22.22	●	●
6	QXU 12 0179	7	234	234	124.5	126.5	180	178	35	30	5	5
7	QXU 12 0222	12	300	300	140	●	224	220	36	30	●	●
8	QXU 16 0260	16	329	329	191	193	261	259	46	41	7	7
9	QXU 08 0264	6.9	311	●	215.9	●	264.6	263.4	25.4	25.4	●	●
10	QXU 16 0405	25	474	474	336	338	406	404	46	41	7	7
11	QXU 30 0515	115	646	646	384	386	516	514	86	79	12	12



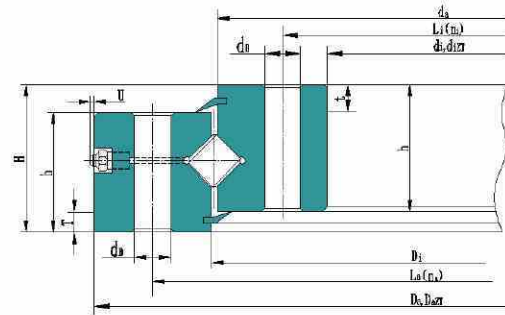
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QXU 12 0222



QXU 08 0264

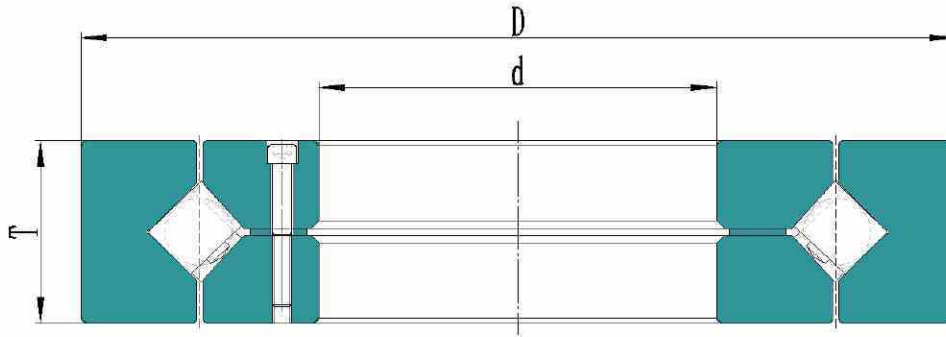


QXU 160260 & QXU 16 0405 & QXU 30 0515

Fixing holes							Fixing screws	Basic load ratings			
L _a	L _i	n _a	n _i	d _B	d _S	t _S	Maximum radial load (frictional contact) kN	axial dym. C kN	stat. C _o kN	radial dyn. C kN	stat. C _o kN
97	56	6	6	6.6	11	5.5	5.8	22.4	29	14.3	14.2
120	70	6	6	9	15	6	9.2	32.5	37.5	20.7	18.4
133.1	88.9	8	8	6.9	11	6.35	7.7	36	44.5	22.8	21.5
148	90	6	6	9	15	9	10.5	56	53	35.5	26
177.8	115.8	16	16	6.9	11	6.35	15.4	63	66	40	32.5
214	144.5	12	12	11	●	●	33.6	118	179	75	88
270	170	12	12	18	●	●	65.5	133	275	85	131
305	215	20	20	14	●	●	82.6	212	350	135	173
295.3	231.8	12	12	8.7	13.7	8.6	21	85	117	54	57
450	360	30	30	14	●	●	123.9	270	550	172	270
598	432	18	18	26	●	●	313.2	720	1370	455	670

*Non-standard bearing is available as per your requirement.

*Listed models and sizes are for reference only, for detailed specifications, please contact our sales team.



*All dimensions in mm

No.	Model No.	Inner diameter	Outer diameter	Width	K coefficient	Dynamic load rating		Preload	Radial/ Axial Runout
		d	D	T		Radial(N)	Axial		
1	QXR 496051	203.200	279.400	31.750	0.48	51300	61600	0.025 to 0.040	0.003
2	QXR 678052	330.200	457.200	63.500	0.47	100000	123000	0.040 to 0.050	0.005
3	QXR 766051	457.200	609.600	63.500	0.45	141000	178000	0.040 to 0.050	0.005
4	QXR 820060	580.000	760.000	80.000	0.46	240000	299000	0.075 to 0.100	0.010
5	QXR 855053	685.800	914.400	79.375	0.45	270000	344000	0.075 to 0.100	0.010
6	QXR 882055	901.700	1117.600	82.550	0.44	300000	396000	0.100 to 0.150	0.015
7	QXR 889058	1028.700	1327.150	109.220	0.44	405000	534000	0.125 to 0.180	0.015
8	QXR 897051	1549.400	1828.800	101.600	0.43	518000	699000	0.150 to 0.200	0.020

SAFEGUARD PRODUCTION OF THE CUSTOMERS

Over the past 20 years, customer satisfaction has been our relentless goal. While our engineers are constantly exploring and developing higher-efficiency bearings, they also reduce customers' final use costs and make QIBR bearings a preferred choice of more and more customers.



Marine Crane Project in Saudi Arabia

In April 2020, during the covid pandemic, a slewing ring 133.50.4000 for marine cranes made for a customer from Saudi Arabia has already arranged a shipping schedule and is ready to ship. After 6 months of producing and shipping, the bearing was finally delivered to the customer. The customer has high requirements and has gone through hardships, there are many companies need to coordinate because of the covid. From drawing confirmation, forging detection to product inspection, every step is proceed carefully. Finally it was delivered as promised.



Marine Crane Project in South Korea

A South Korea customer inquired from us about slew bearings with diameter near to 4000mm in middle of year 2023. After in-depth communication, they were satisfied with our professionalism and price of our product. After multiple rounds of negotiations, our two parties reached an intention to cooperate and signed a purchase contract in October. In order to ensure the order is delivered on time, we have developed detailed plans and processes, and strengthened production management and quality control at the same time. At the end, we delivered the product on time at the end of December as agreed in the contract, winning praise and trust from our customers.



Stacker-reclaimer Maintenance Project in China

At October 2021, the lower slewing bearing 110.50.3150 of a circular stacker-reclaimer used in a power plant in Gansu province was stuck, and urgently asked for help from our company. Our company opened a green channel for this product and delivered the product to the customer within 25 days. Due to the tense epidemic situation in raw material factory, the production and logistics delivery of the factory were strictly restricted. In order to ensure the installation of customers, our company requested all parties to coordinate and overcome the logistics restrictions of the epidemic situation. It took only 7 days from the forgings entering the factory to the delivery of finished products.



Radar project in Spain

In April 2018, a precision slewing bearing manufactured by our company for a Spanish military unit passed the customer's acceptance. The bearing has high requirements for gear precision and rotation precision. The bearing precision grade is P5, and the outer surface needs phosphating treatment. After the successful cooperation at this sample order, they repeated the orders at year 2020 and 2022.



Port Crane Project in Indonesia

In June 2021, a port management company in Indonesia found our company through a friend's introduction. The customer had been purchasing from a local dealer before, but now directly purchases from our factory. The customer said that the purchase cost has dropped by more than 40%. In the next year, the customer placed repeated orders to purchase this model as a spare, and placed an order for a new model.



Slewing Bearing Repair Project In Malaysia

In November 2018, our sales manager met a maintenance company from Malaysia at the Shanghai Bauma Exhibition. The customer often have orders that needed to repair or replace the slewing bearings, but there was a technical shortcoming in measuring the bearings, which result in failure of bearing being installed to the machine. Taking into account the actual requirements of the customer, we arranged a third-party technical company in the country where the customer is located to come to the site for measuring, and then successfully launched the first cooperation.

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