WBW BEARINGS

SLEWING BEARINGS

Ningbo Amol Machinery Co., Ltd.
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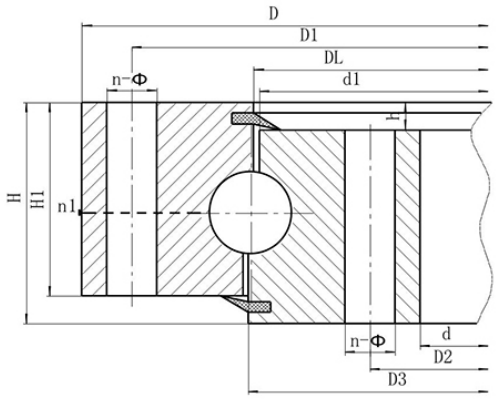
Ningbo Amol Machinery Co., Ltd.
Jiangsu Amol Bearing Co., Ltd.
Ningbo Amol Intl. Trade Co., Ltd.

Series 01-- Single Row Four Point Contact Ball Slewing Bearing
Non Gear Characteristic of structure, performance and application

The single row four point contact ball slewing bearing is composed of two seat rings, which design in compact structure and light weight, steel ball contact with the circular raceway at four point, it can bear the axial force, radial force and the tilting moment at the same time.
It can be used for slewing conveyer, welding manipulator, light & medium duty crane, excavator, and other construction machinery.



010

No	Non gear	Dimensions			Mounting Dimensions						Structural Dimensions					Weight
	DL mm	D mm	d mm	H mm	D1 mm	D2 mm	n	mm	dm mm	L mm	n1 mm	D3 mm	d1 mm	H1 mm	h mm	(kg)
1	010.20.200	280	120	60	248	152	12	16	M14	28	2	201	199	50	10	17
2	010.20.224	304	144	60	272	176	12	16	M14	28	2	225	223	50	10	20
3	010.20.250	330	170	60	298	202	18	16	M14	28	2	251	249	50	10	22
4	010.20.280	360	200	60	328	232	18	16	M14	28	2	281	279	50	10	24
5	010.25.315	408	222	70	372	258	20	18	M16	32	2	316	314	60	10	37
6	010.25.355	448	262	70	412	298	20	18	M16	32	2	356	354	60	10	45
7	010.25.400	493	307	70	457	343	20	18	M16	32	2	401	399	60	10	50
8	010.25.450	543	357	70	507	393	20	18	M16	32	2	451	449	60	10	55
9	010.30.500	602	398	80	566	434	20	18	M16	32	4	501	498	70	10	85
9Y	010.25.500	602	398	80	566	434	20	18	M16	32	4	501	499	70	10	85
10	010.30.560	662	458	80	626	494	20	18	M16	32	4	561	558	70	10	95
10Y	010.25.560	662	458	80	626	494	20	18	M16	32	4	561	559	70	10	95
11	010.30.630	732	528	80	696	564	24	18	M16	32	4	631	628	70	10	110
11Y	010.25.630	732	528	80	696	564	24	18	M16	32	4	631	629	70	10	110
12	010.30.710	812	608	80	776	644	24	18	M16	32	4	711	708	70	10	120
12Y	010.25.710	812	608	80	776	644	24	18	M16	32	4	711	709	70	10	120
13	010.40.800	922	678	100	878	722	30	22	M20	40	6	801	798	90	10	220
13Y	010.30.800	922	678	100	878	722	30	22	M20	40	6	801	798	90	10	220
14	010.40.900	1022	778	100	978	822	30	22	M20	40	6	901	898	90	10	240
14Y	010.30.900	1022	778	100	978	822	30	22	M20	40	6	901	898	90	10	240

15	010.40.1000	1122	878	100	1078	922	36	22	M20	40	6	1001	998	90	10	270
15Y	010.30.1000	1122	878	100	1078	922	36	22	M20	40	6	1001	998	90	10	270
16	010.40.1120	1242	998	100	1198	1042	36	22	M20	40	6	1121	1118	90	10	300
16Y	010.30.1120	1242	998	100	1198	1042	36	22	M20	40	6	1121	1118	90	10	300
17	010.45.1250	1390	1110	110	1337	1163	40	26	M24	48	5	1252	1248	100	10	420
17Y	010.35.1250	1390	1110	110	1337	1163	40	26	M24	48	5	1251	1248	100	10	420
18	010.45.1400	1540	1260	110	1487	1313	40	26	M24	48	5	1402	1398	100	10	480
18Y	010.35.1400	1540	1260	110	1487	1313	40	26	M24	48	5	1401	1398	100	10	480
19	010.45.1600	1740	1460	110	1687	1513	45	26	M24	48	5	1602	1598	100	10	550
19Y	010.35.1600	1740	1460	110	1687	1513	45	26	M24	48	5	1601	1598	100	10	550
20	010.45.1800	1940	1660	110	1887	1713	45	26	M24	48	5	1802	1798	100	10	610
20Y	010.35.1800	1940	1660	110	1887	1713	45	26	M24	48	5	1801	1798	100	10	610
21	010.60.2000	2178	1825	144	2110	1891	48	33	M30	60	8	2002	1998	132	12	1100
21Y	010.40.2000	2178	1825	144	2110	1891	48	33	M30	60	8	2001	1998	132	12	1100
22	010.60.2240	2418	2065	144	2350	2131	48	33	M30	60	8	2242	2238	132	12	1250
22Y	010.40.2240	2418	2065	144	2350	2131	48	33	M30	60	8	2241	2238	132	12	1250
23	010.60.2500	2678	2325	144	2610	2391	56	33	M30	60	8	2502	2498	132	12	1400
23Y	010.40.2500	2678	2325	144	2610	2391	56	33	M30	60	8	2501	2498	132	12	1400
24	010.60.2800	2978	2625	144	2910	2691	56	33	M30	60	8	2802	2798	132	12	1600
24Y	010.40.2800	2978	2625	144	2910	2691	56	33	M30	60	8	2802	2798	132	12	1600
25	010.75.3150	3376	2922	174	3286	3014	56	45	M42	84	8	3152	3147	162	12	2800
25Y	010.50.3150	3376	2922	174	3286	3014	56	45	M42	84	8	3152	3147	162	12	2800

Note:

1. n1 is the number of lubricating holes.Oil cup M10×1JB/T7940.1~JB/T7940.2. The Oil nipple's location can be changed according to the user's application.
2. n- ϕ can changed to tapped hole,the diameter of tapped hole is M,depth is 2M.

Ningbo Amol Machinery Co., Ltd.
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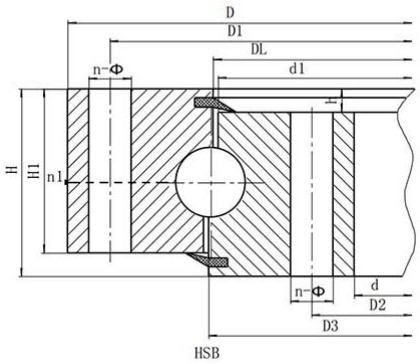
Series HS--Single Row Ball Slewing Bearing-----Non Gear
Characteristic of structure, performance and application



The single row four point contact ball slewing bearing is composed of two seat rings, which design in compact structure and light weight, steel ball contact with the circular raceway at four point, it can bear the axial force, radial force and the tilting moment at the same time.
It can be used for slewing conveyer, welding manipulator, light & medium duty crane, excavator, and other construction machinery.

No.	Non gear	Dimensions			Mounting Dimensions				Structural Dimensions					Weight (kg)
	DL mm	D mm	d mm	H mm	D1 mm	D2 mm	n	mm	n1 mm	D3 mm	d1 mm	H1 mm	h mm	
1	HSB.25.625	725	525	80	685	565	18	18	3	626	624	68	12	100
2	HSB.25.720	820	620	80	780	660	18	18	3	721	719	68	12	120
3	HSB.30.820	940	705	95	893	749	24	20	4	821	818	83	12	210
4	HSB.30.880	1000	760	95	956	800	24	20	4	881	878	83	12	230
5	HSB.30.1020	1170	875	95	1120	930	24	22	4	1021	1018	80	15	300
6	HSB.30.1220	1365	1075	120	1310	1130	36	24	6	1221	1218	105	15	450
7	HSB.35.1250	1400	1090	120	1350	1150	36	26	6	1251	1248	105	15	520
8	HSB.35.1435	1595	1278	120	1535	1335	36	26	6	1436	1433	105	15	610
9	HSB.35.1540	1720	1360	140	1660	1420	42	26	6	1541	1538	122	18	732
10	HSB.35.1700	1875	1525	140	1815	1585	42	29	6	1701	1698	122	18	844
11	HSB.40.1880	2100	1665	160	2030	1740	48	32	6	1881	1878	140	20	1400
12	HSB.40.2115	2325	1900	160	2245	1980	48	32	6	2116	2113	140	20	1600
13	HSB.40.2370	2600	2146	180	2520	2220	48	32	6	2371	2368	158	22	2100
14	HSB.40.2600	2835	2365	180	2750	2450	54	36	6	2601	2598	158	22	2400
15	HSB.50.2820	3085	2555	200	3000	2640	54	36	6	2822	2818	178	22	3400
16	HSB.50.3120	3400	2840	200	3310	2930	54	36	6	3122	3118	178	22	4000
17	HSB.50.3580	3920	3240	240	3820	3340	60	40	6	3582	3578	218	22	6700
18	HSB.50.4030	4370	3690	240	4270	3790	66	40	6	4032	4028	218	22	7700
19	HSB.50.4540	4860	4210	240	4760	4310	72	40	6	4542	4538	218	22	8760

Note:
1. nl is the number of lubricating holes, evenly distributed, lubricating nipple M10*1 JB/T7940.1-JB/T7940.2.
2. Mounting hole n- ϕ ,may be replaced with screw hole,tooth width b may be taken as H-h.

Ningbo Amol Machinery Co., Ltd.
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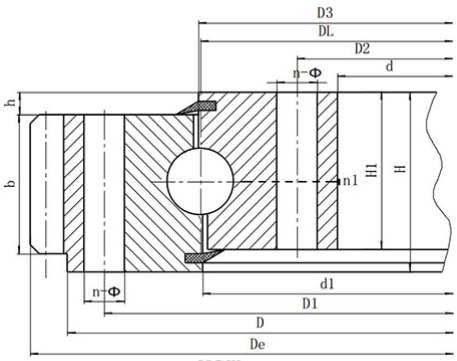
Series HS-Single Row Ball Slewing Bearing
External Gear Characteristic of structure, performance and application



HSW

The single row four point contact ball slewing bearing is composed of two seat rings, which design in compact structure and light weight, steel ball contact with the circular raceway at four point, it can bear the axial force, radial force and the tilting moment at the same time.
It can be used for slewing conveyer, welding manipulator, light & medium duty crane, excavator, and other construction machinery.

No.	External gear DL mm	Dimensions			Mounting Dimensions				Structural Dimension					Gear data					Gear circumferential force	weight kg
		D mm	d mm	H mm	D1 mm	D2 mm	n	mm	n1 mm	D3 mm	d1 mm	H1 mm	h mm	b mm	x	m mm	De mm	z	Quenching T104N	
1	HSW.25.625	725	525	80	685	565	18	18	3	626	624	68	12	60	1.4	5	751.9	146	5.2	100
	HSW.25.625A														1.15	6	755.5	122	6.2	
2	HSW.25.720	820	620	80	780	660	18	18	3	721	719	68	12	60	1.4	6	860.3	139	6.2	120
	HSW.25.720A														1	8	861.1	104	8.3	
3	HSW.30.820	940	705	95	893	749	24	20	4	821	818	83	12	70	1.4	6	980.6	159	7.2	210
	HSW.30.820A														1	10	986.2	95	12.2	
4	HSW.30.880	1000	760	95	956	800	24	20	4	881	878	83	12	70	1.15	8	1047.5	127	9.7	230
	HSW.30.880A														1	10	1046.3	101	12.2	
5	HSW.30.1020	1170	875	95	1120	930	24	22	4	1021	1018	80	15	70	1.4	8	1219.3	148	9.7	300
	HSW.30.1020A														1.15	10	1219.2	118	12.2	
6	HSW.30.1220	1365	1075	120	1310	1130	36	24	6	1221	1218	105	15	90	1.4	10	1424.9	138	15.7	450
	HSW.30.1220A														1	12	1435.9	116	18.8	
7	HSW.35.1250	1400	1090	120	1350	1150	36	26	6	1251	1248	105	15	90	-0.35	10	1443	143	15.7	520
	HSW.35.1250A														1	12	1449.6	117	18.8	
8	HSW.35.1435	1595	1278	120	1535	1335	36	26	6	1436	1433	105	15	90	1.15	12	1655.5	134	18.8	610
	HSW.35.1435A														1	14	1661.2	115	21.9	
9	HSW.35.1540	1720	1360	140	1660	1420	42	26	6	1541	1538	122	18	110	1.4	12	1780.8	144	23	732
	HSW.35.1540A														1.15	14	1791.1	124	26.8	
10	HSW.35.1700	1875	1525	140	1815	1585	42	29	6	1701	1698	122	18	110	1.15	14	1945.4	135	26.8	844
	HSW.35.1700A														1.15	16	1950.8	118	30.5	

11	HSW.40.1880	2100	1665	160	2030	1740	48	32	6	1881	1878	140	20	115	1.4	14	2189.8	152	27.8	1400
	HSW.40.1880A														1.15	18	2194.6	118	35.8	
12	HSW.40.2115	2325	1900	160	2245	1980	48	32	6	2116	2113	140	20	115	1.4	16	2406.5	146	31.9	1600
	HSW.40.2115A														1.15	20	2418.4	117	40	
13	HSW.40.2370	2600	2146	180	2520	2220	48	32	6	2371	2368	158	22	130	1.4	18	2707.3	146	40.7	2100
	HSW.40.2370A														1.15	22	2704.4	119	49.7	
14	HSW.40.2600	2835	2365	180	2750	2450	54	36	6	2601	2598	158	22	130	1.4	18	2941.7	159	37.6	2400
	HSW.40.2600A														1.15	22	2946.9	130	45.9	
15	HSW.50.2820	3085	2555	200	3000	2640	54	36	6	2822	2818	178	22	150	1.4	20	3188.4	155	52.2	3400
	HSW.50.2820A														1.15	25	3198.4	124	65.3	
16	HSW.50.3120	3400	2840	200	3310	2930	54	36	6	3122	3118	178	22	150	1.4	22	3507.2	155	57.4	4000
	HSW.50.3120A														1.4	25	3509.6	136	65.3	
17	HSW.50.3580	3920	3240	240	3820	3340	60	40	6	3582	3578	218	22	190	1.4	22	4036.1	179	72.7	6700
	HSW.50.3580A														1.4	25	4035.6	157	82.6	
18	HSW.50.4030	4370	3690	240	4270	3790	66	40	6	4032	4028	218	22	190	1.4	22	4520.6	201	53.6	7700
	HSW.50.4030A														1.4	28	4522.4	157	68.2	
19	HSW.50.4540	4860	4210	240	4760	4310	72	40	6	4542	4538	218	22	190	1.4	22	4983.1	222	72.1	8760
	HSW.50.4540A														1.4	30	4992.9	162	99.1	

Note:

1.nl is the number of lubricating holes, evenly distributed, lubricating nipple M10*1 JB/T7940.1-JB/T7940.2.

2.Mounting hole n- ϕ ,may be replaced with screw hole, tooth width b may be taken as H-h.

3.Gear force of periphery given in the table is its maximum value, nominal force of periphery is taken 1/2 of the given value.

4.The spaceshift coefficient given in the table is the data of outer tooth, while that of inner tooth is +0.35.(need revise)

Ningbo Amol Machinery Co., Ltd.
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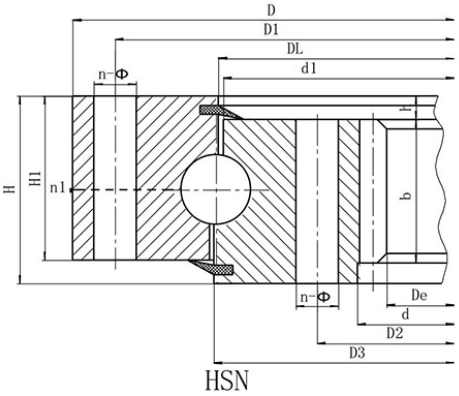
Series HS--Single Row Ball Slewing Bearing
Internal Gear Characteristic of structure, performance and application



HSN

The single row four point contact ball slewing bearing is composed of two seat rings, which design in compact structure and light weight, steel ball contact with the circular raceway at four point, it can bear the axial force, radial force and the tilting moment at the same time.
It can be used for slewing conveyer, welding manipulator, light & medium duty crane, excavator, and other construction machinery.

No.	Internal gear	Dimensions			Mounting Dimensions				Structural Dimension					Gear data					Gear circumferential force Normalizing	Weight kg
	mm	D	d	H	D1	D2	n	mm	n1	D3	d1	H1	h	b	x	m	De	z	Quenching	
		mm	mm	mm	mm	mm			mm	mm	mm	mm	mm	mm		mm	mm		T104N	
1	HSN.25.625	725	525	80	685	565	18	18	3	626	624	68	12	60	1.4	5	498.8	101	5.2	100
	HSN.25.625A														1.15	6	496.7	84	6.2	
2	HSN.25.720	820	620	80	780	660	18	18	3	721	719	68	12	60	1.4	6	586.6	99	6.2	120
	HSN.25.720A														1	8	582.3	74	8.3	
3	HSN.30.820	940	705	95	893	749	24	20	4	821	818	83	12	70	1.4	6	664.5	112	7.2	210
	HSN.30.820A														1	10	658	67	12.2	
4	HSN.30.880	1000	760	95	956	800	24	20	4	881	878	83	12	70	1.15	8	718.2	91	9.7	230
	HSN.30.880A														1	10	707.9	72	12.2	
5	HSN.30.1020	1170	875	95	1120	930	24	22	4	1021	1018	80	15	70	1.4	8	830.1	105	9.7	300
	HSN.30.1020A														1.15	10	827.8	84	12.2	
6	HSN.30.1220	1365	1075	120	1310	1130	36	24	6	1221	1218	105	15	90	1.4	10	1027.8	104	15.7	450
	HSN.30.1220A														1	12	1017.3	86	18.8	
7	HSN.35.1250	1400	1090	120	1350	1150	36	26	6	1251	1248	105	15	90	-0.35	10	1037	105	15.7	520
	HSN.35.1250A														1	12	1028.8	87	18.8	
8	HSN.35.1435	1595	1278	120	1535	1335	36	26	6	1436	1433	105	15	90	1.15	12	1221.2	103	18.8	610
	HSN.35.1435A														1	14	1214.8	88	21.9	

9	HSN.35.1540	1720	1360	140	1660	1420	42	26	6	1541	1538	122	18	110	1.4	12	1293.1	109	23	732
	HSN.35.1540A														1.15	14	1284.8	93	26.8	
10	HSN.35.1700	1875	1525	140	1815	1585	42	29	6	1701	1698	122	18	110	1.15	14	1452.7	105	26.8	844
	HSN.35.1700A														1.15	16	1452.3	92	30.5	
11	HSN.40.1880	2100	1665	160	2030	1740	48	32	6	1881	1878	140	20	115	1.4	14	1592.6	115	27.8	1400
	HSN.40.1880A														1.15	18	1579.9	89	35.8	
12	HSN.40.2115	2325	1900	160	2245	1980	48	32	6	2116	2113	140	20	115	1.4	16	1804.1	114	31.9	1600
	HSN.40.2115A														1.15	20	1795.4	91	40	
13	HSN.40.2370	2600	2146	180	2520	2220	48	32	6	2371	2368	158	22	130	1.4	18	2065.6	116	40.7	2100
	HSN.40.2370A														1.15	22	2040.9	94	49.7	
14	HSN.40.2600	2835	2365	180	2750	2450	54	36	6	2601	2598	158	22	130	1.4	18	2263.5	127	37.6	2400
	HSN.40.2600A														1.15	22	2260.8	104	45.9	
15	HSN.50.2820	3085	2555	200	3000	2640	54	36	6	2822	2818	178	22	150	1.4	20	2455	124	52.2	3400
	HSN.50.2820A														1.15	25	2444.1	99	65.3	
16	HSN.50.3120	3400	2840	200	3310	2930	54	36	6	3122	3118	178	22	150	1.4	22	2722.5	125	57.4	4000
	HSN.50.3120A														1.4	25	2719	110	65.3	
17	HSN.50.3580	3920	3240	240	3820	3340	60	40	6	3582	3578	218	22	190	1.4	22	3118.4	143	72.7	6700
	HSN.50.3580A														1.4	25	3118.8	126	82.6	
18	HSN.50.4030	4370	3690	240	4270	3790	66	40	6	4032	4028	218	22	190	1.4	22	3558.3	163	53.6	7700
	HSN.50.4030A														1.4	28	3549	128	68.2	
19	HSN.50.4540	4860	4210	240	4760	4310	72	40	6	4542	4538	218	22	190	1.4	22	4042.2	185	72.1	8760
	HSN.50.4540A														1.4	30	4042.4	136	99.1	

Note:

1.nl is the number of lubricating holes, evenly distributed, lubricating nipple M10*1 JB/T7940.1-JB/T7940.2.

2.Mounting hole n- ϕ ,may be replaced with screw hole,tooth width b may be taken as H-h.

3.Gear force of periphery given in the table is its maximum value,nominal force of periphery is taken 1/2 of the given value.

4.The spaceshift coefficient given in the table is the data of outer tooth,while that of inner tooth is +0.35.(need revise)

Ningbo Amol Machinery Co., Ltd.
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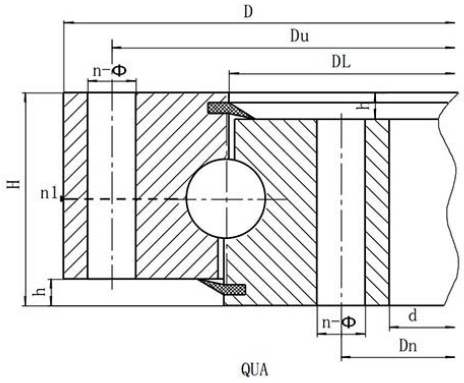
Series Q-Single Row Ball Slewing Bearing
Non Gear Characteristic of structure, performance and application



The single row four point contact ball slewing bearing is composed of two seat rings, which design in compact structure and light weight, steel ball contact with the circular raceway at four point, it can bear the axial force, radial force and the tilting moment at the same time.
It can be used for slewing conveyer, welding manipulator, light & medium duty crane, excavator, and other construction machinery.

No.	Model	Dimensions			Mounting Dimensions						Structural Dimensions		Weight
		Non Gear		H	Du	Dn	n	Through Hole A	Screw Hole B/C/D		n1	h	
		D	d					φ	d1	T			
		mm						mm				mm	Kg
1	QU.315.20	408	222	60	370	260	10	17	M16	24	2	10	34
2	QU.355.20	448	262	60	410	300	10	17	M16	24	2	10	39
3	QU.400.20	493	307	60	455	345	12	17	M16	24	2	10	44
4	QU.450.20	543	357	60	505	395	12	17	M16	24	2	10	50
5	QU.500.20	593	407	60	555	445	14	17	M16	24	2	10	55
6	QU.560.20	656	464	70	618	502	14	17	M16	30	2	10	76
7	QU.630.20	726	534	70	688	572	16	17	M16	30	2	10	84
8	QU.710.20	806	614	70	768	652	18	17	M16	30	2	10	97
9	QU.800.20	896	704	70	858	742	20	17	M16	30	2	10	110
10	QU.800.25	908	692	78	864	736	18	22	M20	36	2	10	142
11	QU.900.25	1008	792	78	964	836	20	22	M20	36	2	10	163
12	QU.1000.25	1108	892	78	1064	936	24	22	M20	36	2	10	178
13	QU.1000.32	1124	876	90	1074	926	24	24	M22	40	2	10	230
14	QU.1120.32	1244	996	90	1194	1046	28	24	M22	40	4	10	263
15	QU.1250.32	1374	1126	90	1324	1176	32	24	M22	40	4	10	294
16	QU.1400.32	1524	1276	90	1474	1326	36	24	M22	40	4	10	333
17	QU.1250.40	1394	1108	102	1336	1164	32	26	M24	45	4	12	388
18	QU.1400.40	1544	1258	102	1486	1314	36	26	M24	45	4	12	444
19	QU.1600.40	1744	1458	102	1686	1514	40	26	M24	45	4	12	509

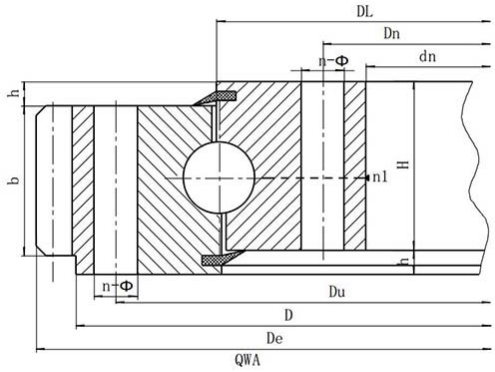
20	QU.1800.40	1944	1658	102	1886	1714	44	26	M24	45	4	12	576
21	QU.1600.50	1766	1434	124	1704	1496	40	30	M27	50	4	12	714
22	QU.1800.50	1966	1634	124	1904	1696	44	30	M27	50	4	12	794
23	QU.2000.50	2166	1834	124	2104	1896	48	30	M27	50	6	12	891
24	QU.2240.50	2406	2074	124	2344	2136	54	30	M27	50	6	12	1044
25	QU.2500.50	2666	2334	124	2604	2396	60	30	M27	50	6	12	1132
26	QU.2500.60	2696	2304	150	2626	2374	60	33	M30	56	6	14	1621

Note:

1. n1 is the number of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2 The Oil nipple's location can be changed according to the user's application.
2. n-φ can be changed to tapped hole, the diameter of tapped hole is M,depth is 2M.

Ningbo Amol Machinery Co., Ltd.
Jiangsu Amol Bearing Co., Ltd.
Ningbo Amol Intl. Trade Co., Ltd.

Series Q-Single Row Ball Slewing Bearing
External Gear Characteristic of structure, performance and application



The single row four point contact ball slewing bearing is composed of two seat rings, which design in compact structure and light weight, steel ball contact with the circular raceway at four point, it can bear the axial force, radial force and the tilting moment at the same time.
It can be used for slewing conveyer, welding manipulator, light & medium duty crane, excavator, and other construction machinery.

No.	Model	Dimensions			Mounting Dimensions						Structural Dimension		Gear Data				
		External Gear		H	Du	Dn	n	Through Hole A	Screw hole B/C/D		n1	h	B	m	External Gear x=-0.5		
		D	d					φ	d1	T					De	z	Weight
		mm						mm				mm		mm			kg
1	QW.315.20	406	222	60	370	260	10	17	M16	24	2	10	40	3	423	140	35
	QW.315.20A													4	428	106	36
2	QW.355.20	446	262	60	410	300	10	17	M16	24	2	10	40	3	462	153	40
	QW.355.20A													4	468	116	41
3	QW.400.20	490	307	60	455	345	12	17	M16	24	2	10	40	4	512	127	45
	QW.400.20A													5	520	103	47
4	QW.450.20	540	357	60	505	395	12	17	M16	24	2	10	40	4	564	140	51
	QW.450.20A													5	570	113	53
5	QW.500.20	590	407	60	555	445	14	17	M16	24	2	10	40	5	615	122	56
	QW.500.20A													6	624	103	58
6	QW.560.20	654	464	70	618	502	14	17	M16	30	2	10	50	4	680	169	78
	QW.560.20A													5	685	136	79
7	QW.630.20	724	534	70	688	572	16	17	M16	30	2	10	50	4	748	186	86
	QW.630.20A													5	755	150	88
8	QW.710.20	804	614	70	768	652	18	17	M16	30	2	10	50	5	835	166	99
	QW.710.20A													6	840	139	101
9	QW.800.20	894	704	70	858	742	20	17	M16	30	2	10	50	6	930	154	114
	QW.800.20A													8	936	116	114

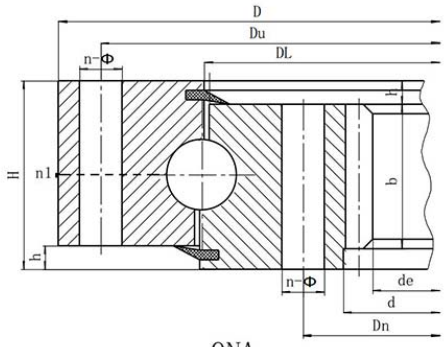
10	QW.800.25	904	692	78	864	736	18	22	M20	36	2	10	58	6	942	156	143
	QW.800.25A													8	952	118	147
11	QW.900.25	1004	792	78	964	836	20	22	M20	36	2	10	58	8	1048	130	162
	QW.900.25A													10	1060	105	168
12	QW.1000.25	1104	892	78	1064	936	24	22	M20	36	2	10	58	8	1152	143	182
	QW.1000.25A													10	1160	115	185
13	QW.1000.32	1120	876	90	1074	926	24	24	M22	40	2	10	70	8	1160	144	227
	QW.1000.32A													10	1170	116	232
14	QW.1120.32	1240	996	90	1194	1046	28	24	M22	40	4	10	70	10	1300	129	272
	QW.1120.32A													12	1308	108	275
15	QW.1250.32	1370	1126	90	1324	1176	32	24	M22	40	4	10	70	10	1430	142	302
	QW.1250.32A													12	1440	119	309
16	QW.1400.32	1520	1276	90	1474	1326	36	24	M22	40	4	10	70	12	1584	131	337
	QW.1400.32A													14	1596	113	347
17	QW.1250.40	1390	1108	102	1336	1164	32	26	M24	45	4	12	80	10	1450	144	396
	QW.1250.40A													12	1452	120	392
18	QW.1400.40	1540	1258	102	1486	1314	36	26	M24	45	4	12	80	12	1608	133	448
	QW.1400.40A													14	1610	114	443
19	QW.1600.40	1740	1458	102	1686	1514	40	26	M24	45	4	12	80	12	1812	150	528
	QW.1600.40A													14	1820	129	534
20	QW.1800.40	1940	1658	102	1886	1714	44	26	M24	45	4	12	80	14	2016	143	583
	QW.1800.40A													16	2032	126	607
21	QW.1600.50	1762	1434	124	1704	1496	40	30	M27	50	4	12	100	12	1824	151	714
	QW.1600.50A													14	1834	130	727
22	QW.1800.50	1964	1634	124	1904	1696	44	30	M27	50	4	12	100	14	2044	145	845
	QW.1800.50A													16	2048	127	843
23	QW.2000.50	2162	1834	124	2104	1896	48	30	M27	50	6	12	100	16	2240	139	912
	QW.2000.50A													18	2250	124	927
24	QW.2240.50	2402	2074	124	2344	2136	54	30	M27	50	6	12	100	16	2480	154	1020
	QW.2240.50A													18	2502	138	1078
25	QW.2500.50	2662	2334	124	2604	2396	60	30	M27	50	6	12	100	18	2754	152	1171
	QW.2500.50A													20	2760	137	1175
26	QW.2500.60	2696	2304	150	2626	2374	60	33	M30	56	6	14	122	18	2790	154	1677
	QW.2500.60A													20	2800	139	1701

Note:

1. n1 is the number of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2. The Oil nipple's location can be changed according to the user's application.
2. n-φ can be changed to tapped hole,the diameter of tapped hole is M,depth is2M.
3. The tangential tooth force in the form is the maximum tooth force,the nominal tangential tooth force is 1/2 of the max one.
4. "K" is addendum reduction coefficient.

Ningbo Amol Machinery Co., Ltd.
Jiangsu Amol Bearing Co., Ltd.
Ningbo Amol Intl. Trade Co., Ltd.

Series Q-Single Row Ball Slewing Bearing
Internal Gear Characteristic of structure, performance and application



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The single row four point contact ball slewing bearing is composed of two seat rings, which design in compact structure and light weight, steel ball contact with the circular raceway at four point, it can bear the axial force, radial force and the tilting moment at the same time.
It can be used for slewing conveyer, welding manipulator, light & medium duty crane, excavator, and other construction machinery.

No.	Model	Dimensions			Mounting Dimensions						Structural Dimension		Gear data				
		Internal gear		H	Du	Dn	n	Through Hole A	Screw hole B/C/D		n1	h	B	m	Internal gear x=-0.5		
		D	d					φ	d1	T					De	z	Weight
		mm						mm				mm		mm			kg
1	QW.315.20	406	222	60	370	260	10	17	M16	24	2	10	40	3	423	140	35
	QW.315.20A													4	428	106	36
2	QW.355.20	446	262	60	410	300	10	17	M16	24	2	10	40	3	462	153	40
	QW.355.20A													4	468	116	41
3	QW.400.20	490	307	60	455	345	12	17	M16	24	2	10	40	4	512	127	45
	QW.400.20A													5	520	103	47
4	QW.450.20	540	357	60	505	395	12	17	M16	24	2	10	40	4	564	140	51
	QW.450.20A													5	570	113	53
5	QW.500.20	590	407	60	555	445	14	17	M16	24	2	10	40	5	615	122	56
	QW.500.20A													6	624	103	58
6	QW.560.20	654	464	70	618	502	14	17	M16	30	2	10	50	4	680	169	78
	QW.560.20A													5	685	136	79
7	QW.630.20	724	534	70	688	572	16	17	M16	30	2	10	50	4	748	186	86
	QW.630.20A													5	755	150	88
8	QW.710.20	804	614	70	768	652	18	17	M16	30	2	10	50	5	835	166	99
	QW.710.20A													6	840	139	101
9	QW.800.20	894	704	70	858	742	20	17	M16	30	2	10	50	6	930	154	114

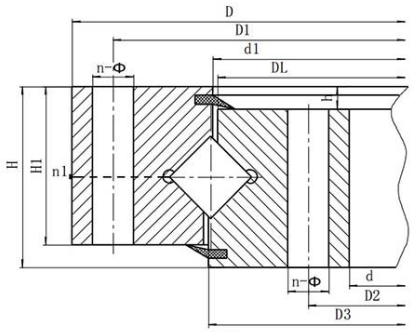
	QW.800.20A													8	936	116	114
10	QW.800.25	904	692	78	864	736	18	22	M20	36	2	10	58	6	942	156	143
	QW.800.25A													8	952	118	147
11	QW.900.25	1004	792	78	964	836	20	22	M20	36	2	10	58	8	1048	130	162
	QW.900.25A													10	1060	105	168
12	QW.1000.25	1104	892	78	1064	936	24	22	M20	36	2	10	58	8	1152	143	182
	QW.1000.25A													10	1160	115	185
13	QW.1000.32	1120	876	90	1074	926	24	24	M22	40	2	10	70	8	1160	144	227
	QW.1000.32A													10	1170	116	232
14	QW.1120.32	1240	996	90	1194	1046	28	24	M22	40	4	10	70	10	1300	129	272
	QW.1120.32A													12	1308	108	275
15	QW.1250.32	1370	1126	90	1324	1176	32	24	M22	40	4	10	70	10	1430	142	302
	QW.1250.32A													12	1440	119	309
16	QW.1400.32	1520	1276	90	1474	1326	36	24	M22	40	4	10	70	12	1584	131	337
	QW.1400.32A													14	1596	113	347
17	QW.1250.40	1390	1108	102	1336	1164	32	26	M24	45	4	12	80	10	1450	144	396
	QW.1250.40A													12	1452	120	392
18	QW.1400.40	1540	1258	102	1486	1314	36	26	M24	45	4	12	80	12	1608	133	448
	QW.1400.40A													14	1610	114	443
19	QW.1600.40	1740	1458	102	1686	1514	40	26	M24	45	4	12	80	12	1812	150	528
	QW.1600.40A													14	1820	129	534
20	QW.1800.40	1940	1658	102	1886	1714	44	26	M24	45	4	12	80	14	2016	143	583
	QW.1800.40A													16	2032	126	607
21	QW.1600.50	1762	1434	124	1704	1496	40	30	M27	50	4	12	100	12	1824	151	714
	QW.1600.50A													14	1834	130	727
22	QW.1800.50	1964	1634	124	1904	1696	44	30	M27	50	4	12	100	14	2044	145	845
	QW.1800.50A													16	2048	127	843
23	QW.2000.50	2162	1834	124	2104	1896	48	30	M27	50	6	12	100	16	2240	139	912
	QW.2000.50A													18	2250	124	927
24	QW.2240.50	2402	2074	124	2344	2136	54	30	M27	50	6	12	100	16	2480	154	1020
	QW.2240.50A													18	2502	138	1078
25	QW.2500.50	2662	2334	124	2604	2396	60	30	M27	50	6	12	100	18	2754	152	1171
	QW.2500.50A													20	2760	137	1175
26	QW.2500.60	2696	2304	150	2626	2374	60	33	M30	56	6	14	122	18	2790	154	1677
	QW.2500.60A													20	2800	139	1701

Note:

1. n1 is the number of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2. The Oil nipple's location can be changed according to the user's application.
2. n-ϕ can be changed to tapped hole, the diameter of tapped hole is M,depth is2M.
3. The tangential tooth force in the form is the max tooth force,the nominal tangential tooth force is 1/2 of the max one.
4. "K" is addendum reduction coefficient

Ningbo Amol Machinery Co., Ltd.
Jiangsu Amol Bearing Co., Ltd.
Ningbo Amol Intl. Trade Co., Ltd.

Series 11--Single Row Crossed Roller Ball Slewing Bearing----Non Gear



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Characteristic of structure, performance and application

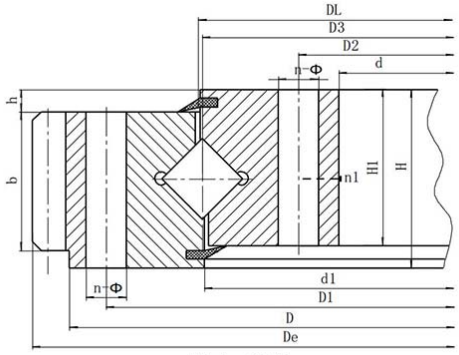
The single row crossed roller slewing bearing is composed of two seat rings, which design in compact structure and light weight, the clearance is small when assembly, so need high precision. The roller are 1:1 cross arranged, it can bear the axial force, tilting moment and relatively large radial force. It is widely used for hoisting, transportation, construction machinery, and the military products.

No.	Non gear DL mm	Dimensions D mm	d mm	H mm	Mounting Dimension D1 mm	D2 mm	n	mm	dm mm	L mm	Structural Dimension n1 mm	D3 mm	d1 mm	H1 mm	h mm	Weight kg
1	110.25.500	602	398	75	566	434	20	18	M16	32	4	498	502	65	10	80
2	110.25.560	662	458	75	626	494	20	18	M16	32	4	558	562	65	10	90
3	110.25.630	732	528	75	696	564	24	18	M16	32	4	628	632	65	10	100
4	110.25.710	812	608	75	776	644	24	18	M16	32	4	708	712	65	10	110
5	110.28.800	922	678	82	878	722	30	22	M20	40	6	798	802	72	10	170
6	110.28.900	1022	778	82	978	822	30	22	M20	40	6	898	902	72	10	190
7	110.28.1000	1122	878	82	1078	922	36	22	M20	40	6	998	1002	72	10	210
8	110.28.1120	1242	998	82	1198	1042	36	22	M20	40	6	1118	1122	72	10	230
9	110.32.1250	1390	1110	91	1337	1163	40	26	M24	48	5	1248	1252	81	10	350
10	110.32.1400	1540	1260	91	1487	1313	40	26	M24	48	5	1398	1402	81	10	400
11	110.32.1600	1740	1460	91	1687	1513	45	26	M24	48	5	1598	1602	81	10	440
12	110.32.1800	1940	1660	91	1887	1713	45	26	M24	48	5	1798	1802	81	10	500
13	110.40.2000	2178	1825	112	2110	1891	48	33	M30	60	8	1997	2003	100	12	900
14	110.40.2240	2418	2065	112	2350	2131	48	33	M30	60	8	2237	2243	100	12	1000
15	110.40.2500	2678	2325	112	2610	2391	56	33	M30	60	8	2497	2503	100	12	1100
16	110.40.2800	2978	2625	112	2910	2691	56	33	M30	60	8	2797	2803	100	12	1250
17	110.50.3150	3376	2922	134	3286	3014	56	45	M42	84	8	3147	3153	122	12	2150
18	110.50.3550	3776	3322	134	3686	3414	56	45	M42	84	8	3547	3553	122	12	2470
19	110.50.4000	4226	3772	134	4136	3864	60	45	M42	84	10	3997	4003	122	12	2800
20	110.50.4500	4726	4272	134	4636	4364	60	45	M42	84	10	4497	4503	122	12	31

1. n1 is the number of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.
2. The Oil nipple's location can be changed according to the user's application.
3. n- ϕ can changed to tapped hole, the diameter of tapped hole is M,depth is 2M.
4. The tangential tooth force in the form is the maximum tooth force, the nominal tangential tooth force is 1/2 of the max one.
5 "K" is addendum reduction coefficient.

Ningbo Amol Machinery Co., Ltd.
Jiangsu Amol Bearing Co., Ltd.
Ningbo Amol Intl. Trade Co., Ltd.

Series 11--Single Row Crossed Roller Ball Slewing Bearing----External Gear



111. 112

Characteristic of structure, performance and application

The single row crossed roller slewing bearing is composed of two seat rings, which design in compact structure and light weight, the clearance is small when assembly, so need high precision. The roller are 1:1 cross arranged, it can bear the axial force, tilting moment and relatively large radial force. It is widely used for hoisting, transportation, construction machinery, and the military products.

No.	External gear DL mm	Dimensions			Mounting Dimension						Structural Dimension					Gear Data					Gear circumferential force		Weight kg
		D mm	d mm	H mm	D1 mm	D2 mm	n	mm	dm mm	L mm	n1 mm	D3 mm	d1 mm	H1 mm	h mm	b mm	x	m mm	De mm	z	Normalizing Z 104N	Quenching T 104N	
1	111.25.500	602	398	75	566	434	20	18	M16	32	4	498	502	65	10	60	0.5	5	629	123	3.7	5.2	80
	112.25.500																	6	628.8	102	4.5	6.2	
2	111.25.560	662	458	75	626	494	20	18	M16	32	4	558	562	65	10	60	0.5	5	689	135	3.7	5.2	90
	112.25.560																	6	688.8	112	4.5	6.2	
3	111.25.630	732	528	75	696	564	24	18	M16	32	4	628	632	65	10	60	0.5	6	772.8	126	4.5	6.2	100
	112.25.630																	8	774.4	94	6	8.3	
4	111.25.710	812	608	75	776	644	24	18	M16	32	4	708	712	65	10	60	0.5	6	850.8	139	4.5	6.2	110
	112.25.710																	8	854.4	104	6	8.3	
5	111.28.800	922	678	82	878	722	30	22	M20	40	6	798	802	72	10	65	0.5	8	966.4	118	6.5	9.1	170
	112.28.800																	10	968	94	8.1	11.4	
6	111.28.900	1022	778	82	978	822	30	22	M20	40	6	898	902	72	10	65	0.5	8	1062.4	130	6.5	9.1	190
	112.28.900																	10	1068	104	8.1	11.4	
7	111.28.1000	1122	878	82	1078	922	36	22	M20	40	6	998	1002	72	10	65	0.5	10	1188	116	8.1	11.4	210
	112.28.1000																	12	1185.6	96	9.7	13.6	
8	111.28.1120	1242	998	82	1198	1042	36	22	M20	40	6	1118	1122	72	10	65	0.5	10	1298	127	8.1	11.4	230
	112.28.1120																	12	1305.6	106	9.7	13.6	
9	111.32.1250	1390	1110	91	1337	1163	40	26	M24	48	5	1248	1252	81	10	75	0.5	12	1449.6	118	11.3	15.7	350
	112.32.1250																	14	1453.2	101	13.2	18.2	
10	111.32.1400	1540	1260	91	1487	1313	40	26	M24	48	5	1398	1402	81	10	75	0.5	12	1605.6	131	11.3	15.7	400
	112.32.1400																	14	1607.2	112	13.2	18.2	
11	111.32.1600	1740	1460	91	1687	1513	45	26	M24	48	5	1598	1602	81	10	75	0.5	14	1817.2	127	13.2	18.2	440
	112.32.1600																	16	1820.8	111	15.1	22.4	

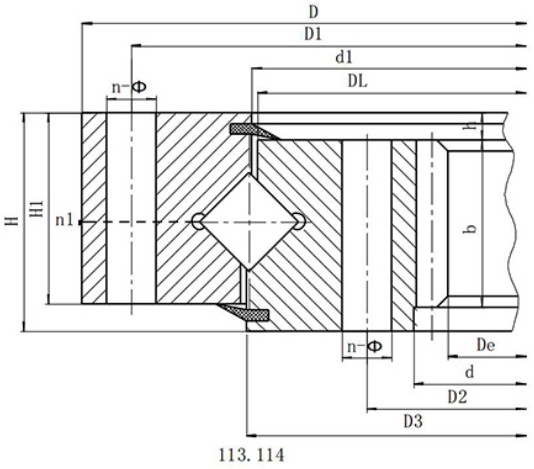
12	111.32.1800 112.32.1800	1940	1660	91	1887	1713	45	26	M24	48	5	1798	1802	81	10	75	0.5	14 16	2013.2 2012.8	141 123	13.2 15.1	18.2 22.4	500
13	111.40.2000 112.40.2000	2178	1825	112	2110	1891	48	33	M30	60	8	1997	2003	100	12	90	0.5	16 18	2268.8 2264.4	139 123	18.1 20.3	25 28.1	900
14	111.40.2240 112.40.2240	2418	2065	112	2350	2131	48	33	M30	60	8	2237	2243	100	12	90	0.5	16 18	2492.8 2498.4	153 136	18.1 20.3	25 28.1	1000
15	111.40.2500 112.40.2500	2678	2325	112	2610	2391	56	33	M30	60	8	2497	2503	100	12	90	0.5	18 20	2768.4 2776	151 136	20.3 22.6	28.1 31.3	1100
16	111.40.2800 112.40.2800	2978	2625	112	2910	2691	56	33	M30	60	8	2797	2803	100	12	90	0.5	18 20	3074.4 3076	168 151	20.3 22.6	28.1 31.3	1250
17	111.50.3150 112.50.3150	3376	2922	134	3286	3014	56	45	M42	84	8	3147	3153	122	12	110	0.5	20 22	3476 3471.6	171 155	27.6 30.4	38.3 42.1	2150
18	111.50.3550 112.50.3550	3776	3322	134	3686	3414	56	45	M42	84	8	3547	3553	122	12	110	0.5	20 22	3876 3889.6	191 174	30.4 30.4	38.3 42.1	2470
19	111.50.4000 112.50.4000	4226	3772	134	4136	3864	60	45	M42	84	10	3997	4003	122	12	110	0.5	22 25	4329.6 4345	194 171	30.4 34.5	42.1 47.8	2800
20	111.50.4500 112.50.4500	4726	4272	134	4636	4364	60	45	M42	84	10	4497	4503	122	12	110	0.5	22 25	4835.6 4845	217 191	30.4 34.5	42.1 47.8	3100

Note:

1. n1 is the number of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2. The Oil nipple's location can be changed according to the user's application.
2. n-Φ can changed to tapped hole, the diameter of tapped hole is M,depth is 2M.
3. The tangential tooth force in the form is the maximum tooth force, the nominal tangential tooth force is 1/2 of the max one.
4. "K" is addendum reduction coefficient.

Ningbo Amol Machinery Co., Ltd.
Jiangsu Amol Bearing Co., Ltd.
Ningbo Amol Intl. Trade Co., Ltd.

Series 11--Single Row Crossed Roller Ball Slewing Bearing----Internal Gear



Characteristic of structure, performance and application

The single row crossed roller slewing bearing is composed of two seat rings, which design in compact structure and light weight, the clearance is small when assembly, so need high precision. The roller are 1:1 cross arranged, it can bear the axial force, tilting moment and relatively large radial force. It is widely used for hoisting, transportation, construction machinery, and the military products.

No.	Internal gear DL mm	Dimensions			Mounting Dimension						Structural Dimension					Gear Data					Gear circumferential force		Weight kg
		D mm	d mm	H mm	D1 mm	D2 mm	n	mm	dm mm	L mm	n1 mm	D3 mm	d1 mm	H1 mm	h mm	b mm	x	m mm	De mm	z	Normalizing Z 104N	Quenching T 104N	
1	113.25.500	602	398	75	566	434	20	18	M16	32	4	498	502	65	10	60	0.5	5	367	74	3.7	5.2	80
	114.25.500																	6	368.4	62	4.5	6.2	
2	113.25.560	662	458	75	626	494	20	18	M16	32	4	558	562	65	10	60	0.5	5	427	86	3.7	5.2	90
	114.25.560																	6	428.4	72	4.5	6.2	
3	113.25.630	732	528	75	696	564	24	18	M16	32	4	628	632	65	10	60	0.5	6	494.4	83	4.5	6.2	100
	114.25.630																	8	491.2	62	6	8.3	
4	113.25.710	812	608	75	776	644	24	18	M16	32	4	708	712	65	10	60	0.5	6	572.4	96	4.5	6.2	110
	114.25.710																	8	571.2	72	6	8.3	
5	113.28.800	922	678	82	878	722	30	22	M20	40	6	798	802	72	10	65	0.5	8	635.2	80	6.5	9.1	170
	114.28.800																	10	634	64	8.1	11.4	
6	113.28.900	1022	778	82	978	822	30	22	M20	40	6	898	902	72	10	65	0.5	8	739.2	93	6.5	9.1	190
	114.28.900																	10	734	74	8.1	11.4	
7	113.28.1000	1122	878	82	1078	922	36	22	M20	40	6	998	1002	72	10	65	0.5	10	824	83	8.1	11.4	210
	114.28.1000																	12	820.8	69	9.7	13.6	
8	113.28.1120	1242	998	82	1198	1042	36	22	M20	40	6	1118	1122	72	10	65	0.5	10	944	95	8.1	11.4	230
	114.28.1120																	12	940.8	79	9.7	13.6	
9	113.32.1250	1390	1110	91	1337	1163	40	26	M24	48	5	1248	1252	81	10	75	0.5	12	1048.8	88	11.3	15.7	350
	114.32.1250																	14	1041.6	75	13.2	18.2	
10	113.32.1400	1540	1260	91	1487	1313	40	26	M24	48	5	1398	1402	81	10	75	0.5	12	1192.8	100	11.3	15.7	400

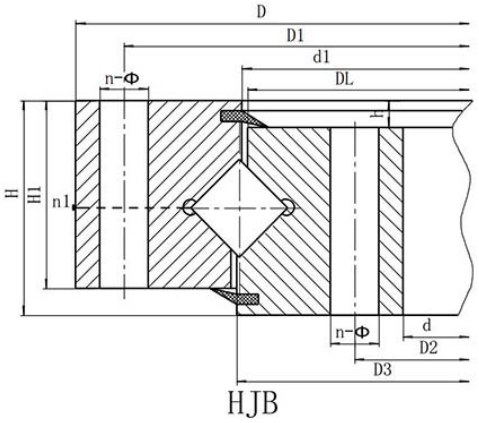
	114.32.1400																14	1195.6	86	13.2	18.2	
11	113.32.1600	1740	1460	91	1687	1513	45	26	M24	48	5	1598	1602	81	10	75	0.5	14	1391.6	100	13.2	18.2	440
	114.32.1600																	16	1382.4	87	15.1	22.4	
12	113.32.1800	1940	1660	91	1887	1713	45	26	M24	48	5	1798	1802	81	10	75	0.5	14	1573.6	113	13.2	18.2	500
	114.32.1800																	16	1574.4	99	15.1	22.4	
13	113.40.2000	2178	1825	112	2110	1891	48	33	M30	60	8	1997	2003	100	12	90	0.5	16	1734.4	109	18.1	25	900
	114.40.2000																	18	1735.2	97	20.3	28.1	
14	113.40.2240	2418	2065	112	2350	2131	48	33	M30	60	8	2237	2243	100	12	90	0.5	16	1990.4	125	18.1	25	1000
	114.40.2240																	18	1987.2	111	20.3	28.1	
15	113.40.2500	2678	2325	112	2610	2391	56	33	M30	60	8	2497	2503	100	12	90	0.5	18	2239.2	125	20.3	28.1	1100
	114.40.2500																	20	2228	112	22.6	31.3	
16	113.40.2800	2978	2625	112	2910	2691	56	33	M30	60	8	2797	2803	100	12	90	0.5	18	2527.2	141	20.3	28.1	1250
	114.40.2800																	20	2528	127	22.6	31.3	
17	113.50.3150	3376	2922	134	3286	3014	56	45	M42	84	8	3147	3153	122	12	110	0.5	20	2828	142	27.6	38.3	2150
	114.50.3150																	22	2824.8	129	30.4	42.1	
18	113.50.3550	3776	3322	134	3686	3414	56	45	M42	84	8	3547	3553	122	12	110	0.5	20	3228	162	30.4	38.3	2470
	114.50.3550																	22	3220.8	147	30.4	42.1	
19	113.50.4000	4226	3772	134	4136	3864	60	45	M42	84	10	3997	4003	122	12	110	0.5	22	3660.8	167	30.4	42.1	2800
	114.50.4000																	25	3660	147	34.5	47.8	
20	113.50.4500	4726	4272	134	4636	4364	60	45	M42	84	10	4497	4503	122	12	110	0.5	22	4166.8	190	30.4	42.1	3100
	114.50.4500																	25	4160	167	34.5	47.8	

Note:

1. n1 is the number of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2. The Oil nipple's location can be changed according to the user's application.
2. n-φ can changed to tapped hole, the diameter of tapped hole is M,depth is 2M.
3. The tangential tooth force in the form is the maximum tooth force, the nominal tangential tooth force is 1/2 of the max one.
4. "K" is addendum reduction coefficient.

Ningbo Amol Machinery Co., Ltd.
Jiangsu Amol Bearing Co., Ltd.
Ningbo Amol Intl. Trade Co., Ltd.

Series HJ-Single Row Cross Roller Slewing Bearing----Non Gear



HJB

Characteristic of structure, performance and application

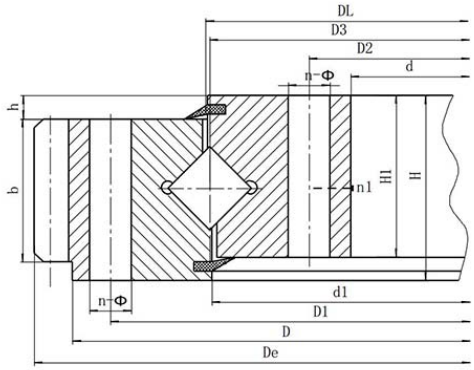
The single row crossed roller slewing bearing is composed of two seat rings, which design in compact structure and light weight, the clearance is small when assembly, so need high precision. The roller are 1:1 cross arranged, it can bear the axial force, tilting moment and relatively large radial force. It is widely used for hoisting, transportation, construction machinery.

No.	Non Gear DL mm	Dimensions			Mounting Dimensions				Structural Dimensions					Weight kg
		D mm	d mm	H mm	D1 mm	D2 mm	n	mm	n1 mm	D3 mm	d1 mm	H1 mm	h mm	
1	HJB.20.625	725	525	80	685	565	18	18	3	627	623	68	12	100
2	HJB.20.720	820	620	80	780	660	18	18	3	722	718	68	12	120
3	HJB.30.820	940	705	95	893	749	24	20	4	822	818	83	12	210
4	HJB.30.880	1000	760	95	956	800	24	20	4	882	878	83	12	230
5	HJB.30.1020	1170	875	95	1120	930	24	22	4	1022	1018	80	15	300
6	HJB.36.1220	1365	1075	120	1310	1130	36	24	6	1222	1218	105	15	450
7	HJB.36.1250	1400	1090	120	1350	1150	36	26	6	1252	1248	105	15	520
8	HJB.36.1435	1595	1278	120	1535	1335	36	26	6	1437	1433	105	15	610
9	HJB.45.1540	1720	1360	140	1660	1420	42	26	6	1543	1537	122	18	732
10	HJB.45.1700	1875	1525	140	1815	1585	42	29	6	1703	1697	122	18	844
11	HJB.45.1880	2100	1665	160	2030	1740	48	32	6	1883	1876	140	20	1400
12	HJB.45.2115	2325	1900	160	2245	1980	48	32	6	2118	2112	140	20	1600
13	HJB.45.2370	2600	2146	180	2520	2220	48	32	6	2373	2367	158	22	2100
14	HJB.45.2600	2835	2365	180	2750	2450	54	36	6	2603	2597	158	22	2400
15	HJB.50.2820	3085	2555	200	3000	2640	54	36	6	2823	2817	178	22	3400
16	HJB.50.3120	3400	2840	200	3310	2930	54	36	6	3123	3117	178	22	4000
17	HJB.50.3580	3920	3240	240	3820	3340	60	40	6	3583	3577	218	22	6700
18	HJB.50.4030	4370	3690	240	4270	3790	66	40	6	4033	4027	218	22	7700
19	HJB.50.4540	4860	4210	240	4760	4310	72	40	6	4543	4537	218	22	8760

1. n1 is the number of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2. The Oil nipple's location can be changed according to the user's application.
2. n- ϕ can be changed to tapped hole, the diameter of tapped hole is M,depth is 2M.

Ningbo Amol Machinery Co., Ltd.
Jiangsu Amol Bearing Co., Ltd.
Ningbo Amol Intl. Trade Co., Ltd.

Series HJ-Single Row Cross Roller Slewing Bearing----External Gear



HJW

Characteristic of structure, performance and application

The single row crossed roller slewing bearing is composed of two seat rings, which design in compact structure and light weight, the clearance is small when assembly, so need high precision. The roller are 1:1 cross arranged, it can bear the axial force, tilting moment and relatively large radial force. It is widely used for hoisting, transportation, construction machinery, and the military products.

No.	External gear	Dimensions			Mounting Dimensions				Structural Dimension					Gear Data					Gear circumferential force	Weight
	DL	D	d	H	D1	D2	n	mm	n1	D3	d1	H1	h	b	x	m	De	z	Quenching	
	mm	mm	mm	mm	mm	mm			mm	mm	mm	mm	mm	mm		mm	mm		T 104N	kg
1	HJW.20.625	725	525	80	685	565	18	18	3	627	623	68	12	60	1.4	5	751.9	146	5.2	100
	HJW.20.625A														1.15	6	755.5	122	6.2	
2	HJW.20.720	820	620	80	780	660	18	18	3	722	718	68	12	60	1.4	6	860.3	139	6.2	120
	HJW.20.720A														1	8	861.1	104	8.3	
3	HJW.30.820	940	705	95	893	749	24	20	4	822	818	83	12	70	1.4	6	980.6	159	7.2	210
	HJW.30.820A														1	10	986.2	95	12.2	
4	HJW.30.880	1000	760	95	956	800	24	20	4	882	878	83	12	70	1.15	8	1047.5	127	9.7	230
	HJW.30.880A														1	10	1046.3	101	12.2	
5	HJW.30.1020	1170	875	95	1120	930	24	22	4	1022	1018	80	15	70	1.4	8	1219.3	148	9.7	300
	HJW.30.1020A														1.15	10	1219.2	118	12.2	
6	HJW.36.1220	1365	1075	120	1310	1130	36	24	6	1222	1218	105	15	90	1.4	10	1424.9	138	15.7	450
	HJW.36.1220A														1	12	1435.9	116	18.8	
7	HJW.36.1250	1400	1090	120	1350	1150	36	26	6	1252	1248	105	15	90	-0.35	10	1443	143	15.7	520
	HJW.36.1250A														1	12	1449.6	117	18.8	
8	HJW.36.1435	1595	1278	120	1535	1335	36	26	6	1437	1433	105	15	90	1.15	12	1655.5	134	18.8	610
	HJW.36.1435A														1	14	1661.2	115	21.9	
9	HJW.45.1540	1720	1360	140	1660	1420	42	26	6	1543	4537	122	18	110	1.4	12	1780.8	144	23	732
	HJW.45.1540A														1.15	14	1791.1	124	26.8	
10	HJW.45.1700	1875	1525	140	1815	1585	42	29	6	1703	1697	122	18	110	1.15	14	1945.4	135	26.8	844
	HJW.45.1700A														1.15	16	1950.8	118	30.5	

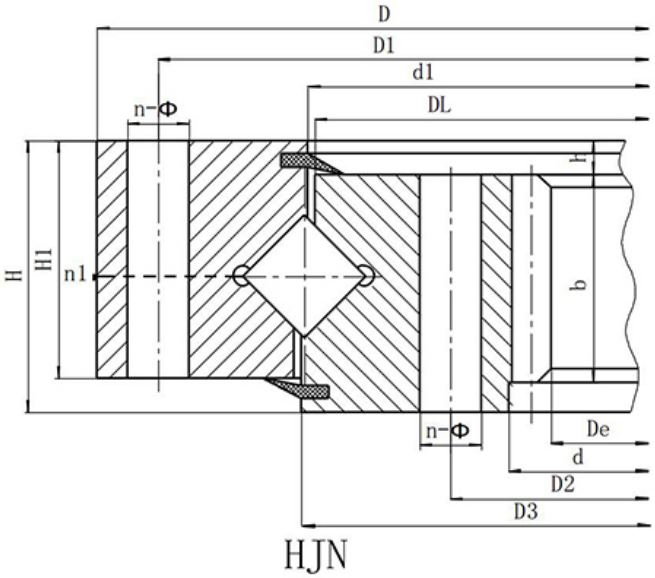
11	HJW.45.1880	2100	1665	160	2030	1740	48	32	6	1883	1876	140	20	115	1.4	14	2189.8	152	27.8	1400
	HJW.45.1880A														1.15	18	2194.6	118	35.8	
12	HJW.45.2115	2325	1900	160	2245	1980	48	32	6	2118	2112	140	20	115	1.4	16	2406.5	146	31.9	1600
	HJW.45.2115A														1.15	20	2418.4	117	40	
13	HJW.45.2370	2600	2146	180	2520	2220	48	32	6	2373	2367	158	22	130	1.4	18	2707.3	146	40.7	2100
	HJW.45.2370A														1.15	22	2704.4	119	49.7	
14	HJW.45.2600	2835	2365	180	2750	2450	54	36	6	2603	2597	158	22	130	1.4	18	2941.7	159	37.6	2400
	HJW.45.2600A														1.15	22	2946.9	130	45.9	
15	HJW.50.2820	3085	2555	200	3000	2640	54	36	6	2823	2817	178	22	150	1.4	20	3188.4	155	52.2	3400
	HJW.50.2820A														1.15	25	3198.4	124	65.3	
16	HJW.50.3120	3400	2840	200	3310	2930	54	36	6	3123	3117	178	22	150	1.4	22	3507.2	155	57.4	4000
	HJW.50.3120A														1.4	25	3509.6	136	65.3	
17	HJW.50.3580	3920	3240	240	3820	3340	60	40	6	3583	3577	218	22	190	1.4	22	4036.1	179	72.7	6700
	HJW.50.3580A														1.4	25	4035.6	157	82.6	
18	HJW.50.4030	4370	3690	240	4270	3790	66	40	6	4033	4027	218	22	190	1.4	22	4520.6	201	53.6	7700
	HJW.50.4030A														1.4	28	4522.4	157	68.2	
19	HJW.50.4540	4860	4210	240	4760	4310	72	40	6	4543	4537	218	22	190	1.4	22	4983.1	222	72.1	8760
	HJW.50.4540A														1.4	30	4992.9	162	99.1	

Note:

1. n1 is the number of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2. The Oil nipple's location can be changed according to the user's application.
2. n-Φ can be changed to tapped hole, the diameter of tapped hole is M, depth is 2M.
3. The tangential tooth force in the form is the maximum tooth force, the nominal tangential tooth force is 1/2 of the max one.
4. "K" is addendum reduction coefficient.

Ningbo Amol Machinery Co., Ltd.
Jiangsu Amol Bearing Co., Ltd.
Ningbo Amol Intl. Trade Co., Ltd.

Series HJ-Single Row Cross Roller Slewing Bearing----Internal Gear



HJN

Characteristic of structure, performance and application

The single row crossed roller slewing bearing is composed of two seat rings, which design in compact structure and light weight, the clearance is small when assembly, so need high precision. The roller are 1:1 cross arranged, it can bear the axial force, tilting moment and relatively large radial force. It is widely used for hoisting, transportation, construction machinery, and the military products.

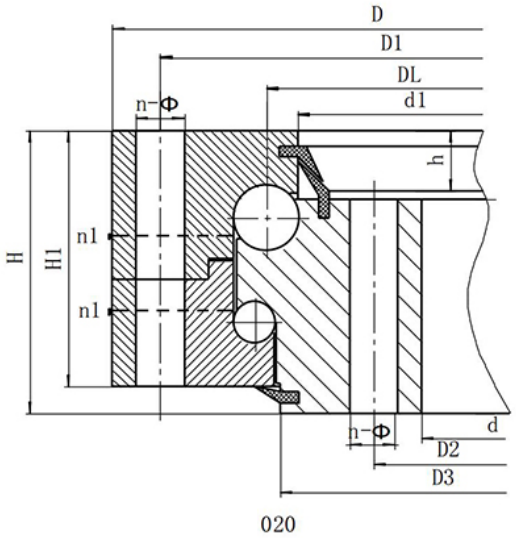
No.	Internal gear DL mm	Dimensions			Mounting Dimensions				Structural Dimension					Gear data					Gear circumferential force	Weight kg
		D mm	d mm	H mm	D1 mm	D2 mm	n	mm	n1 mm	D3 mm	d1 mm	H1 mm	h mm	b mm	x	m mm	De mm	z	Quenching T 104N	
1	HJN.20.625	725	525	80	685	565	18	18	3	627	623	68	12	60	1.4	5	498.8	101	5.2	100
	HJN.20.625A														1.15	6	496.7	84	6.2	
2	HJN.20.720	820	620	80	780	660	18	18	3	722	718	68	12	60	1.4	6	586.6	99	6.2	120
	HJN.20.720A														1	8	582.3	74	8.3	
3	HJN.30.820	940	705	95	893	749	24	20	4	822	818	83	12	70	1.4	6	664.5	112	7.2	210
	HJN.30.820A														1	10	658	67	12.2	
4	HJN.30.880	1000	760	95	956	800	24	20	4	882	878	83	12	70	1.15	8	718.2	91	9.7	230
	HJN.30.880A														1	10	707.9	72	12.2	
5	HJN.30.1020	1170	875	95	1120	930	24	22	4	1022	1018	80	15	70	1.4	8	830.1	105	9.7	300
	HJN.30.1020A														1.15	10	827.8	84	12.2	
6	HJN.36.1220	1365	1075	120	1310	1130	36	24	6	1222	1218	105	15	90	1.4	10	1027.8	104	15.7	450
	HJN.36.1220A														1	12	1017.3	86	18.8	
7	HJN.36.1250	1400	1090	120	1350	1150	36	26	6	1252	1248	105	15	90	-0.35	10	1037	105	15.7	520
	HJN.36.1250A														1	12	1028.8	87	18.8	
8	HJN.36.1435	1595	1278	120	1535	1335	36	26	6	1437	1433	105	15	90	1.15	12	1221.2	1.3	18.8	610

	HJN.36.1435A														1	14	1214.8	88	21.9	
9	HJN.45.1540	1720	1360	140	1660	1420	42	26	6	1543	4537	122	18	110	1.4	12	1293.1	109	23	732
	HJN.45.1540A														1.15	14	1284.8	93	26.8	
10	HJN.45.1700	1875	1525	140	1815	1585	42	29	6	1703	1697	122	18	110	1.15	14	1452.7	105	26.8	844
	HJN.45.1700A														1.15	16	1452.3	92	30.5	
11	HJN.45.1880	2100	1665	160	2030	1740	48	32	6	1883	1876	140	20	115	1.4	14	1592.6	115	27.8	1400
	HJN.45.1880A														1.15	18	1579.9	89	35.8	
12	HJN.45.2115	2325	1900	160	2245	1980	48	32	6	2118	2112	140	20	115	1.4	16	1804.1	114	31.9	1600
	HJN.45.2115A														1.15	20	1795.4	91	40	
13	HJN.45.2370	2600	2146	180	2520	2220	48	32	6	2373	2367	158	22	130	1.4	18	2065.6	116	40.7	2100
	HJN.45.2370A														1.15	22	2040.9	94	49.7	
14	HJN.45.2600	2835	2365	180	2750	2450	54	36	6	2603	2597	158	22	130	1.4	18	2263.5	127	37.6	2400
	HJN.45.2600A														1.15	22	2260.8	104	45.9	
15	HJN.50.2820	3085	2555	200	3000	2640	54	36	6	2823	2817	178	22	150	1.4	20	2455	124	52.2	3400
	HJN.50.2820A														1.15	25	2444.1	99	65.3	
16	HJN.50.3120	3400	2840	200	3310	2930	54	36	6	3123	3117	178	22	150	1.4	22	2722.5	125	57.4	4000
	HJN.50.3120A														1.4	25	2719	110	65.3	
17	HJN.50.3580	3920	3240	240	3820	3340	60	40	6	3583	3577	218	22	190	1.4	22	3118.4	143	72.7	6700
	HJN.50.3580A														1.4	25	3118.8	126	82.6	
18	HJN.50.4030	4370	3690	240	4270	3790	66	40	6	4033	4027	218	22	190	1.4	22	3558.3	163	53.6	7700
	HJN.50.4030A														1.4	28	3549	128	68.2	
19	HJN.50.4540	4860	4210	240	4760	4310	72	40	6	4543	4537	218	22	190	1.4	22	4042.2	185	72.1	8760
	HJN.50.4540A														1.4	30	4042.4	136	99.1	

Note:

1. n1 is the number of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2. The Oil nipple's location can be changed according to the user's application.
2. n-φ can be changed to tapped hole, the diameter of tapped hole is M,depth is 2M.
3. The tangential tooth force in the form is the maximum tooth force, the nominal tangential tooth force is 1/2 of the max one.
4. "K" is addendum reduction coefficient.

Series 02--Double Row Ball Slewing Bearing----Non Gear



Characteristic of structure, performance and application

Double row ball slewing bearing has three seat ring, the steel ball and the spacing block can be directly arrange into the upper and lower races, two rows of upper and lower steel balls with different diameter are fitted according to the stress condition.

This kind of open assembly is very convenient, for the upper and lower bear raceway arc angles is 90° ,which can bear large axial forces and tilting moment. When the radial force is greater than 0.1 times the axial force need to be specially designed the raceway.

Double row different ball slewing bearing’ s axial and radial size are relatively large and solid in structure, so it is specially suitable for the medium diameter tower cranes, truck mounted cranes etc. loading and unloading machinery.

No.	Non Gear DL mm	Dimensions mm D mm	d mm	H mm	Mounting Dimension D1 mm	D2 mm	n	mm	Structural Dimension n1 mm	H1 mm	h mm	Weight kg
1	020.25.500	616	384	106	580	420	20	18	4	96	26	100
2	020.25.560	676	444	106	640	480	20	18	4	96	26	115
3	020.25.630	746	514	106	710	550	24	18	4	96	26	130
4	020.25.710	826	594	106	790	630	24	18	4	96	26	140
5	020.30.800	942	658	124	898	702	30	22	6	114	29	200
6	020.30.900	1042	758	124	998	802	30	22	6	114	29	250
7	020.30.1000	1142	858	124	1098	902	36	22	6	114	29	300
8	020.30.1120	1262	978	124	1218	1022	36	22	6	114	29	340
9	020.40.1250	1426	1074	160	1374	1126	40	26	5	150	39	580
10	020.40.1400	1576	1224	160	1524	1272	40	26	5	150	39	650
11	020.40.1600	1776	1424	160	1724	1476	45	26	5	150	39	750
12	020.40.1800	1976	1624	160	1924	1676	45	26	5	150	39	820
13	020.50.2000	2215	1785	190	2149	1851	48	33	8	178	47	1150
14	020.50.2240	2455	2025	190	2389	2091	48	33	8	178	47	1500
15	020.50.2500	2715	2285	190	2649	2351	56	33	8	178	47	1700
16	020.50.2800	3015	2585	190	2949	2651	56	33	8	178	47	1900

17	020.60.3150	3428	2872	226	3338	2962	56	45	8	214	56	3300
18	020.60.3550	3828	3272	226	3738	3362	56	45	8	214	56	3700
19	020.60.4000	4278	3722	226	4188	3812	60	45	10	214	56	4200
20	020.60.4500	4778	4222	226	4688	4312	60	45	10	214	56	4700

Note:
1. n1 is the number of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2. The Oil nipple's location can be changed according to the user's application.
2. n-Φ can changed to tapped hole, the diameter of tapped hole is M,depth is 2M.
3. The tangential tooth force in the form is the maximum tooth force, the nominal tangential tooth force is 1/2 of the max one.
4. "K" is addendum reduction coefficient.

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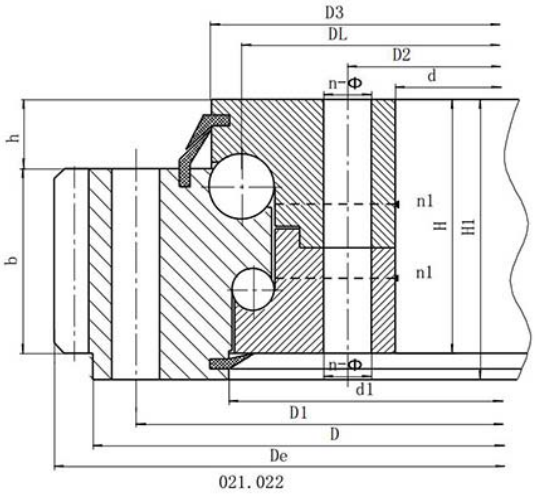
Series 02--Double Row Ball Slewing Bearing----External Gear



Characteristic of structure, performance and application

Double row ball slewing bearing has three seat ring, the steel ball and the spacing block can be directly arrange into the upper and lower races, two rows of upper and lower steel balls with different diameter are fitted according to the stress condition.

This kind of open assembly is very convenient, for the upper and lower bear raceway arc angles is 90° ,which can bear large axial forces and tilting moment. When the radial force is greater than 0.1 times the axial force need to be specially designed the raceway.

Double row different ball slewing bearing’ s axial and radial size are relatively large and solid in structure, so it is specially suitable for the medium diameter tower cranes, truck mounted cranes etc. loading and unloading machinery.

No.	External Gear DL mm	Dimensions			Mounting Dimension				Structural Dimension			Gear Data					Gear circumferential force		Weight kg
		D mm	d mm	H mm	D1 mm	D2 mm	n	mm	n1 mm	H1 mm	h mm	b mm	x	m mm	De mm	z	Normalizing Z 104N	Quenching T 104N	
1	021.25.500	616	384	106	580	420	20	18	4	96	26	60	0.5	5	644	126	3.7	5.2	100
	022.25.500													6	646.8	105	4.5	6.2	
2	021.25.560	676	444	106	640	480	20	18	4	96	26	60	0.5	5	704	138	3.7	5.2	115
	022.25.560													6	706.8	115	4.5	6.2	
3	021.25.630	746	514	106	710	550	24	18	4	96	26	60	0.5	6	790.8	129	4.5	6.2	130
	022.25.630													8	790.4	96	6	8.3	
4	021.25.710	826	594	106	790	630	24	18	4	96	26	60	0.5	6	862.8	141	4.5	6.2	140
	022.25.710													8	862.4	105	6	8.3	
5	021.30.800	942	658	124	898	702	30	22	6	114	29	80	0.5	8	982.4	120	8	11.1	200
	022.30.800													10	988	96	10	14	
6	021.30.900	1042	758	124	998	802	30	22	6	114	29	80	0.5	8	1086.4	133	8	11.1	250
	022.30.900													10	1088	106	10	14	
7	021.30.1000	1142	858	124	1098	902	36	22	6	114	29	80	0.5	10	1198	117	10	14	300
	022.30.1000													12	1197.6	97	12	16.7	
8	021.30.1120	1262	978	124	1218	1022	36	22	6	114	29	80	0.5	10	1318	129	10	14	340
	022.30.1120													12	1317.6	107	12	16.7	

9	021.40.1250	1426	1074	160	1374	1126	40	26	5	150	39	90	0.5	12	1497.6	122	13.5	18.8	580
	022.40.1250													14	1495.2	104	15.8	21.9	
10	021.40.1400	1576	1224	160	1524	1272	40	26	5	150	39	90	0.5	12	1641.6	134	13.5	18.8	650
	022.40.1400													14	1649.2	115	15.8	21.9	
11	021.40.1600	1776	1424	160	1724	1476	45	26	5	150	39	90	0.5	14	1845.2	129	15.8	21.9	750
	022.40.1600													16	1852.8	113	18.1	25	
12	021.40.1800	1976	1624	160	1924	1676	45	26	5	150	39	90	0.5	14	2055.2	144	15.8	21.9	820
	022.40.1800													16	2060.8	126	18.1	25	
13	021.50.2000	2215	1785	190	2149	1851	48	33	8	178	47	120	0.5	16	2300.8	141	24.1	33.3	1150
	022.50.2000													18	2300.4	125	27.1	37.5	
14	021.50.2240	2455	2025	190	2389	2091	48	33	8	178	47	120	0.5	16	2540.8	156	24.1	33.3	1500
	022.50.2240													18	2552.4	139	27.1	37.5	
15	021.50.2500	2715	2285	190	2649	2351	56	33	8	178	47	120	0.5	18	2804.4	153	27.1	37.5	1700
	022.50.2500													20	2816	138	30.1	41.8	
16	021.50.2800	3015	2585	190	2949	2651	56	33	8	178	47	120	0.5	18	3110.4	170	27.1	37.5	1900
	022.50.2800													20	3116	153	30.1	41.8	
17	021.60.3150	3428	2872	226	3338	2962	56	45	8	214	56	150	0.5	20	3536	174	37.7	52.2	3300
	022.60.3150													22	3537.6	158	41.5	57.4	
18	021.60.3550	3828	3272	226	3738	3362	56	45	8	214	56	150	0.5	20	3936	194	37.7	52.2	3700
	022.60.3550													22	3933.6	176	41.5	57.4	
19	021.60.4000	4278	3722	226	4188	3812	60	45	10	214	56	150	0.5	22	4395.6	197	41.5	57.4	4200
	022.60.4000													25	4395	173	47.1	65.2	
20	021.60.4500	4778	4222	226	4688	4312	60	45	10	214	56	150	0.5	22	4879.6	219	41.5	57.4	4700
	022.60.4500													25	4895	193	47.1	65.2	

Note:

1. n1 is the number of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2. The Oil nipple's location can be changed according to the user's application.
2. n-φ can changed to tapped hole, the diameter of tapped hole is M,depth is 2M.

3. The tangential tooth force in the form is the maximum tooth force, the nominal tangential tooth force is 1/2 of the max one.
4. "K" is addendum reduction coefficient.

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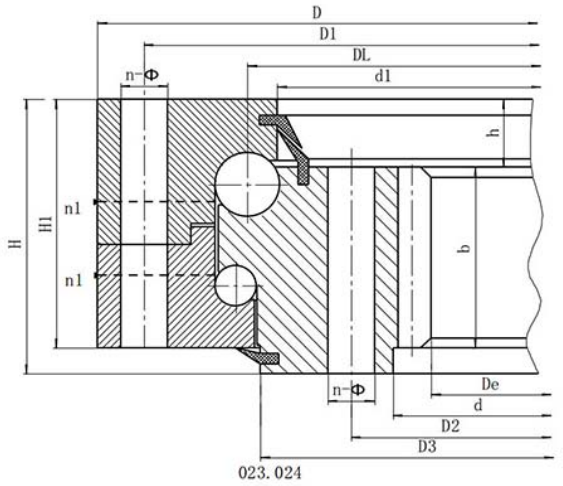
Series 02--Double Row Ball Slewing Bearing----Internal Gear



Characteristic of structure, performance and application

Double row ball slewing bearing has three seat ring, the steel ball and the spacing block can be directly arrange into the upper and lower races, two rows of upper and lower steel balls with different diameter are fitted according to the stress condition.

This kind of open assembly is very convenient, for the upper and lower bear raceway arc angles is 90° ,which can bear large axial forces and tilting moment. When the radial force is greater than 0.1 times the axial force need to be specially designed the raceway.

Double row different ball slewing bearing’ s axial and radial size are relatively large and solid in structure, so it is specially suitable for the medium diameter tower cranes, truck mounted cranes etc. loading and unloading machinery.

No.	Internal Gear DL mm	Dimensions			Mounting Dimension				Structural Dimension			Gear Data					Gear circumferential force		Weight kg
		D mm	d mm	H mm	D1 mm	D2 mm	n	mm	n1 mm	H1 mm	h mm	b mm	x	m mm	De mm	z	Normalizing Z 104N	Quenching T 104N	
1	023.25.500	616	384	106	580	420	20	18	4	96	26	60	0.5	5	257	72	3.7	5.2	100
	024.25.500													6	350.4	59	4.5	6.2	
2	023.25.560	676	444	106	640	480	20	18	4	96	26	60	0.5	5	417	84	3.7	5.2	115
	024.25.560													6	410.4	69	4.5	6.2	
3	023.25.630	746	514	106	710	550	24	18	4	96	26	60	0.5	6	482.4	81	4.5	6.2	130
	024.25.630													8	475.2	60	6	8.3	
4	023.25.710	826	594	106	790	630	24	18	4	96	26	60	0.5	6	560.4	94	4.5	6.2	140
	024.25.710													8	555.2	70	6	8.3	
5	023.30.800	942	658	124	898	702	30	22	6	114	29	80	0.5	8	619.2	78	8	11.1	200
	024.30.800													10	614	62	10	14	
6	023.30.900	1042	758	124	998	802	30	22	6	114	29	80	0.5	8	715.2	90	8	11.1	250
	024.30.900													10	714	72	10	14	
7	023.30.1000	1142	858	124	1098	902	36	22	6	114	29	80	0.5	10	814	82	10	14	300
	024.30.1000													12	796.8	67	12	16.7	
8	023.30.1120	1262	978	124	1218	1022	36	22	6	114	29	80	0.5	10	924	93	10	14	340
	024.30.1120													12	916.8	77	12	16.7	

9	023.40.1250	1426	1074	160	1374	1126	40	26	5	150	39	90	0.5	12	1012.8	85	13.5	18.8	580
	024.40.1250													14	1013.6	73	15.8	21.9	
10	023.40.1400	1576	1224	160	1524	1272	40	26	5	150	39	90	0.5	12	1156.8	97	13.5	18.8	650
	024.40.1400													14	1153.6	83	15.8	21.9	
11	023.40.1600	1776	1424	160	1724	1476	45	26	5	150	39	90	0.5	14	1349.6	97	15.8	21.9	750
	024.40.1600													16	1350.4	85	18.1	25	
12	023.40.1800	1976	1624	160	1924	1676	45	26	5	150	39	90	0.5	14	1545.6	111	15.8	21.9	820
	024.40.1800													16	1542.4	97	18.1	25	
13	023.50.2000	2215	1785	190	2149	1851	48	33	8	178	47	120	0.5	16	1702.4	107	24.1	33.3	1150
	024.50.2000													18	1699.2	95	27.1	37.5	
14	023.50.2240	2455	2025	190	2389	2091	48	33	8	178	47	120	0.5	16	1942.4	122	24.1	33.3	1500
	024.50.2240													18	1933.2	108	27.1	37.5	
15	023.50.2500	2715	2285	190	2649	2351	56	33	8	178	47	120	0.5	18	2203.2	123	27.1	37.5	1700
	024.50.2500													20	2188	110	30.1	41.8	
16	023.50.2800	3015	2585	190	2949	2651	56	33	8	178	47	120	0.5	18	2491.2	139	27.1	37.5	1900
	024.50.2800													20	2488	125	30.1	41.8	
17	023.60.3150	3428	2872	226	3338	2962	56	45	8	214	56	150	0.5	20	2768	139	37.7	52.2	3300
	024.60.3150													22	2758.8	126	41.5	57.4	
18	023.60.3550	3828	3272	226	3738	3362	56	45	8	214	56	150	0.5	20	3168	159	37.7	52.2	3700
	024.60.3550													22	3176.8	145	41.5	57.4	
19	023.60.4000	4278	3722	226	4188	3812	60	45	10	214	56	150	0.5	22	3616.8	165	41.5	57.4	4200
	024.60.4000													25	3610	145	47.1	65.2	
20	023.60.4500	4778	4222	226	4688	4312	60	45	10	214	56	150	0.5	22	4122.8	188	41.5	57.4	4700
	024.60.4500													25	4110	165	47.1	65.2	

Note:

1. n1 is the number of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2. The Oil nipple's location can be changed according to the user's application.
2. n-φ can changed to tapped hole, the diameter of tapped hole is M,depth is 2M.
3. The tangential tooth force in the form is the maximum tooth force,the nominal tangential tooth force is 1/2 of the max one.
4. "K" is addendum reduction coefficient.

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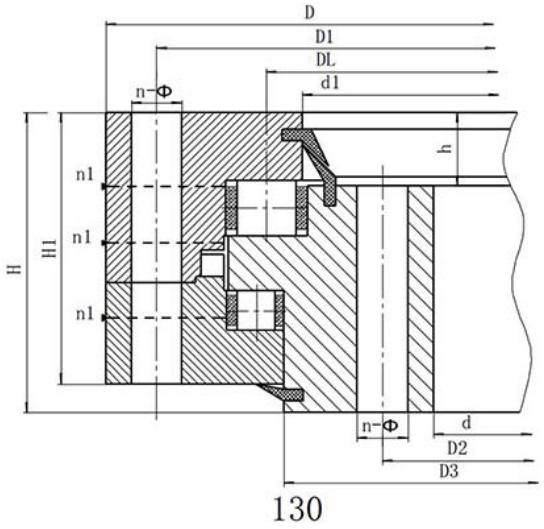
Series 13-Three Row Roller Slewing Bearing----Non Gear



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Characteristic of structure, performance and application

The three row roller slewing bearing has three seat rings, which separate the upper, lower and radial raceways, it made each row of the roller’ s load capacity can be specified and can bear different loads simultaneously. The capacity load is the largest one compare with the other three models. Due to the large size in axial and radial dimension & the solid structure, it is specially suitable for the heavy duty machinery such as wheeled excavator, wheeled crane, ship crane, ladle turrets and the heavy duty mobile crane etc.

No.	Non gear	Dimensions			Mounting dimension	
	DL mm	D mm	d mm	H mm	D1 mm	D2 mm
1	130.25.500	634	366	148	598	402
2	130.25.560	694	426	148	658	462
3	130.25.630	764	496	148	728	532
4	130.25.710	844	576	148	808	612
5	130.32.800	964	636	182	920	680
6	130.32.900	1064	736	182	1020	780
7	130.32.1000	1164	836	182	1120	880
8	130.32.1120	1284	956	182	1240	1000
9	130.40.1250	1445	1055	220	1393	1107
10	130.40.1400	1595	1205	220	1543	1257
11	130.40.1600	1795	1405	220	1743	1457
12	130.40.1800	1995	1605	220	1943	1657
13	130.45.2000	2221	1779	231	2155	1845
14	130.45.2240	2461	2019	231	2395	2085
15	130.45.2500	2721	2279	231	2655	2345
16	130.45.2800	3021	2579	231	2955	2645
17	130.50.3150	3432	2868	270	3342	2958

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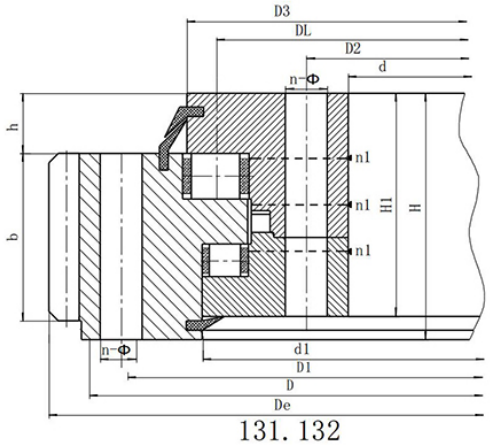
Note:

1. n1 is the number of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2. The Oil nipple's location can be changed according to the user's application.
2. n- ϕ can changed to tapped hole, the diameter of tapped hole is M,depth is 2M.
3. The tangential tooth force in the form is the maximum tooth force,the nominal tangential tooth force is 1/2 of the max one.
4. "K" is addendum reduction coefficient.

Series 13-Three Row Roller Slewing Bearing----External Gear



131. 132

Characteristic of structure, performance and application

The three row roller slewing bearing has three seat rings, which separate the upper, lower and radial raceways, it made each row of the roller’ s load capacity can be specified and can bear different loads simultaneously. The capacity load is the largest one compare with the other three models. Due to the large size in axial and radial dimension & the solid structure, it is specially suitable for the heavy duty machinery such as wheeled excavator, wheeled crane, ship crane, ladle turrets and the heavy duty mobile crane etc.

No.	External Gear DL mm	Dimensions			Mounting Dimension						Structural Dimension			Gear Data					Gear circumferential force		Weight kg
		D mm	d mm	H mm	D 1 mm	D 2 mm	n	Ø mm	dm mm	L mm	n 1 mm	H 1 mm	h mm	b mm	x	m mm	D e mm	z	Normalizing Z104N	Quenching T104N	
1	131.25.500	634	366	148	598	402	24	18	M16	32	4	10	32	80	0.5	5	664	130	5	6.7	224
	132.25.500															6	664.8	108			
2	131.25.560	694	426	148	658	462	24	18	M16	32	4	10	32	80	0.5	5	724	142	5	6.7	240
	132.25.560															6	724.8	118			
3	131.25.630	764	496	148	728	532	28	18	M16	32	4	10	32	80	0.5	6	808.8	132	6	8	270
	132.25.630															8	806.4	98			
4	131.25.710	844	576	148	808	612	28	18	M16	32	4	10	32	80	0.5	6	886.8	145	6	8	300
	132.25.710															8	886.4	108			
5	131.32.800	964	636	182	920	680	36	22	M20	40	4	10	40	120	0.5	8	1006.4	123	12.1	16.7	500
	132.32.800															10	1008	98			
6	131.32.900	1064	736	182	1020	780	36	22	M20	40	4	10	40	120	0.5	8	1102.4	135	12.1	16.7	600
	132.32.900															10	1108	108			
7	131.32.1000	1164	836	182	1120	880	40	22	M20	40	5	10	40	120	0.5	10	1218	119	15.1	20.9	680
	132.32.1000															12	1221.6	99			
8	131.32.1120	1284	956	182	1240	1000	40	22	M20	40	5	10	40	120	0.5	10	1338	131	15.1	20.9	820
	132.32.1120															12	1341.6	109			
9	131.40.1250	1445	1055	220	1393	1107	45	26	M24	48	5	10	50	150	0.5	12	1509.6	123	22.9	31.4	1200
	132.40.1250															14	1509.2	105			
10	131.40.1400	1595	1205	220	1543	1257	45	26	M24	48	5	10	50	150	0.5	12	1665.6	136	22.9	31.4	1300

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	132.40.1400															14	1663.2	116			
11	131.40.1600	1795	1405	220	1743	1457	48	26	M24	48	6	10	50	150	0.5	14	1873.2	131	26.3	36.6	1520
	132.40.1600															16	1868.8	114			
12	131.40.1800	1995	1605	220	1943	1657	48	26	M24	48	6	10	50	150	0.5	14	2069.2	145	26.3	36.6	1750
	132.40.1800															16	2076.8	127			
13	131.45.2000	2221	1779	231	2155	1845	60	33	M30	60	6	12	54	160	0.5	16	2300.8	141	32.2	44.5	2400
	132.45.2000															18	2300.4	125			
14	131.45.2240	2461	2019	231	2395	2085	60	33	M30	60	6	12	54	160	0.5	16	2556.8	157	32.2	44.5	2700
	132.45.2240															18	2552.4	139			
15	131.45.2500	2721	2279	231	2655	2345	72	33	M30	60	8	12	54	160	0.5	18	2822.4	154	36.2	50.1	3000
	132.45.2500															20	2816	138			
16	131.45.2800	3021	2579	231	2955	2645	72	33	M30	60	8	12	54	160	0.5	18	3110.4	170	36.2	50.1	3400
	132.45.2800															20	3116	153			
17	131.50.3150	3432	2868	270	3342	2958	72	45	M42	84	8	12	65	180	0.5	20	3536	174	45.2	62.6	5000
	132.50.3150															22	3537.6	158			

Note:

1. n1 is the number of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2. The Oil nipple's location can be changed according to the user's application.
2. n-ϕ can changed to tapped hole, the diameter of tapped hole is M,depth is 2M.
3. The tangential tooth force in the form is the maximum tooth force, the nominal tangential tooth force is 1/2 of the max one.
4. "K" is addendum reduction coefficient.

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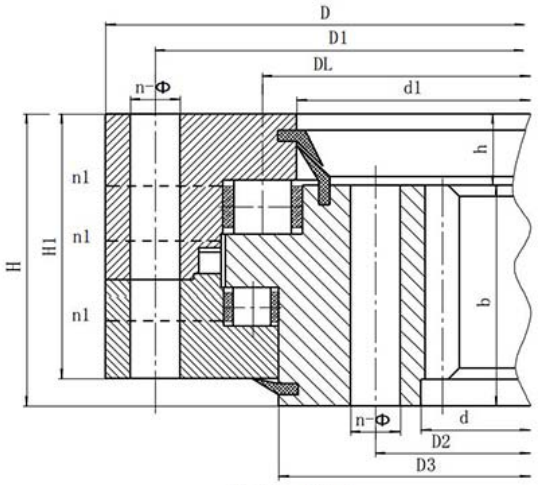
Series 13-Three Row Roller Slewing Bearing----Internal Gear



133. 134

Characteristic of structure, performance and application

The three row roller slewing bearing has three seat rings, which separate the upper, lower and radial raceways, it made each row of the roller’ s load capacity can be specified and can bear different loads simultaneously. The capacity load is the largest one compare with the other three models. Due to the large size in axial and radial dimension & the solid structure, it is specially suitable for the heavy duty machinery such as wheeled excavator, wheeled crane, ship crane, ladle turrets and the heavy duty mobile crane etc.

No.	Inxternal Gear DL mm	Dimensions			Mounting Dimension						Structural Dimension			Gear Data					Gear circumferential force		Weight kg
		D mm	d mm	H mm	D1 mm	D2 mm	n	mm	dm mm	L mm	n 1 mm	H1 mm	h mm	b mm	x	m mm	De mm	z	Normalizing Z104N	Quenching T104N	
1	133.25.500	634	366	148	598	402	24	18	M16	32	4	10	32	80	0.5	5	337	68	5	6.7	224
	134.25.500															6	338.4	57			
2	133.25.560	694	426	148	658	462	24	18	M16	32	4	10	32	80	0.5	5	397	80	5	6.7	240
	134.25.560															6	398.4	67			
3	133.25.630	764	496	148	728	532	28	18	M16	32	4	10	32	80	0.5	6	458.4	77	6	8	270
	134.25.630															8	459.2	58			
4	133.25.710	844	576	148	808	612	28	18	M16	32	4	10	32	80	0.5	6	536.4	90	6	8	300
	134.25.710															8	539.2	68			
5	133.32.800	964	636	182	920	680	36	22	M20	40	4	10	40	120	0.5	8	595.2	75	12.1	16.7	500
	134.32.800															10	594	60			
6	133.32.900	1064	736	182	1020	780	36	22	M20	40	4	10	40	120	0.5	8	691.2	87	12.1	16.7	600
	134.32.900															10	694	70			
7	133.32.1000	1164	836	182	1120	880	40	22	M20	40	5	10	40	120	0.5	10	784	79	15.1	20.9	680
	134.32.1000															12	784.8	66			
8	133.32.1120	1284	956	182	1240	1000	40	22	M20	40	5	10	40	120	0.5	10	904	91	15.1	20.9	820
	134.32.1120															12	904.8	76			
9	133.40.1250	1445	1055	220	1393	1107	45	26	M24	48	5	10	50	150	0.5	12	988.8	83	22.9	31.4	1200

	134.40.1250															14	985.6	71			
10	133.40.1400	1595	1205	220	1543	1257	45	26	M24	48	5	10	50	150	0.5	12	1144.8	96	22.9	31.4	1300
	134.40.1400															14	1139.6	82			
11	133.40.1600	1795	1405	220	1743	1457	48	26	M24	48	6	10	50	150	0.5	14	1335.6	96	26.3	36.6	1520
	134.40.1600															16	1334.4	84			
12	133.40.1800	1995	1605	220	1943	1657	48	26	M24	48	6	10	50	150	0.5	14	1531.6	110	26.3	36.6	1750
	134.40.1800															16	1526.4	96			
13	133.45.2000	2221	1779	231	2155	1845	60	33	M30	60	6	12	54	160	0.5	16	1702.4	107	32.2	44.5	2400
	134.45.2000															18	1699.2	95			
14	133.45.2240	2461	2019	231	2395	2085	60	33	M30	60	6	12	54	160	0.5	16	1926.4	121	32.2	44.5	2700
	134.45.2240															18	1933.2	108			
15	133.45.2500	2721	2279	231	2655	2345	72	33	M30	60	8	12	54	160	0.5	18	2185.2	122	36.2	50.1	3000
	134.45.2500															20	2188	110			
16	133.45.2800	3021	2579	231	2955	2645	72	33	M30	60	8	12	54	160	0.5	18	2491.2	139	36.2	50.1	3400
	134.45.2800															20	2488	125			
17	133.50.3150	3432	2868	270	3342	2958	72	45	M42	84	8	12	65	180	0.5	20	2768	139	45.2	62.6	5000
	134.50.3150															22	2758.8	126			

Note:
1. n1 is the number of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2. The Oil nipple's location can be changed according to the user's application.
2. n- ϕ can changed to tapped hole, the diameter of tapped hole is M,depth is 2M.
3. The tangential tooth force in the form is the maximum tooth force, the nominal tangential tooth force is 1/2 of the max one.
4. "K" is addendum reduction coefficient.

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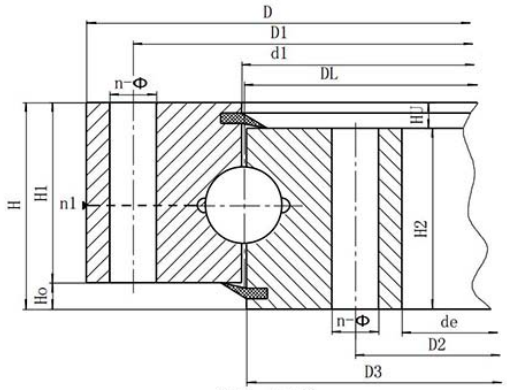
Series Thin -Light Type Slewing Bearing----Non Gear



TY-060

Characteristic of structure, performance and application

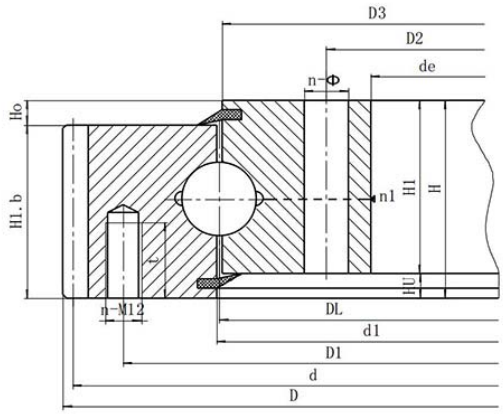
The Thin Section Slewing Bearing has the same structure with the ordinary slewing bearing, but the weight is light, and rotate flexibly, which widely used in the food machinery, canning machinery and environmental machinery etc.

Model DL	Weight	Dimensions			Mounting Dimension					Structural dimension						Clearance	
	kg	D [mm]	de [mm]	H [mm]	D1 [mm]	D2 [mm]	n	Φ [mm]	M [mm]	D3 [mm]	d1 [mm]	H1 [mm]	H2 [mm]	Hu [mm]	Ho [mm]	Axial	Radial
TY-060.20.0414	29	486	342	56	460	368	24	13.5	12	412.5	415.5	45.5	45.5	10.5	10.5	≤0.28	≤0.24
TY-060.20.0544	37	616	472	56	590	498	32	13.5	12	542.5	545.5	45.5	45.5	10.5	10.5	≤0.30	≤0.26
TY-060.20.0644	44	716	572	56	690	598	36	13.5	12	642.5	645.5	45.5	45.5	10.5	10.5	≤0.30	≤0.26
TY-060.20.0744	52	816	672	56	790	698	40	13.5	12	742.5	745.5	45.5	45.5	10.5	10.5	≤0.30	≤0.26
TY-060.20.0844	60	916	772	56	890	798	40	13.5	12	842.5	845.5	45.5	45.5	10.5	10.5	≤0.30	≤0.26
TY-060.20.0944	67	1016	872	56	990	898	44	13.5	12	942.5	945.5	45.5	45.5	10.5	10.5	≤0.30	≤0.26
TY-060.20.1094	77	1166	1022	56	1140	1048	48	13.5	12	1092.5	1095.5	45.5	45.5	10.5	10.5	≤0.30	≤0.26

Note:

1. n1 is the number of lubricating holes. Oil cup M8×1JB/T7940.1~JB/T7940.2.The Oil nipple's location can be changed according to the user's application.
2. "Km" is addendum reduction.

Series Thin-Light Type Slewing Bearing----External Gear



TY-061

Characteristic of structure, performance and application

The Thin Section Slewing Bearing has the same structure with the ordinary slewing bearing, but the weight is light, and rotate flexibly, which widely used in the food machinery, canning machinery and environmental machinery etc.

Model DL	Weight kg	Dimensions			Mounting dimension						Structural dimension					
		D [mm]	de [mm]	H [mm]	D1 [mm]	D2 [mm]	n	Φ [mm]	M [mm]	t	D3 [mm]	d1 [mm]	H1 [mm]	H2 [mm]	Hu [mm]	Ho [mm]
TY-061.20.0414	31	504	342	56	455	368	20/24	13.5	12	20	412.5	415.5	45.5	45.5	10.5	10.5
TY-061.20.0544	43	640.8	472	56	585	498	28/32	13.5	12	20	542.5	545.5	45.5	45.5	10.5	10.5
TY-061.20.0644	52	742.8	572	56	685	598	32/36	13.5	12	20	642.5	645.5	45.5	45.5	10.5	10.5
TY-061.20.0744	59	838.8	672	56	785	698	36/40	13.5	12	20	742.5	745.5	45.5	45.5	10.5	10.5
TY-061.20.0844	71	950.4	772	56	885	798	36/40	13.5	12	20	842.5	845.5	45.5	45.5	10.5	10.5
TY-061.20.0944	77	1046.4	872	56	985	898	40/44	13.5	12	20	942.5	945.5	45.5	45.5	10.5	10.5
TY-061.20.1094	91	1198.4	1022	56	1135	1048	44/48	13.5	12	20	1092.5	1095.1	45.5	45.5	10.5	10.5

Model DL	Weight kg	Gear Data					Gear circumferential force		Clearance	
		d [mm]	m [mm]	z [mm]	k.m [mm]	b [mm]	Allowed [KN]	Max [KN]	Axial	Radial
TY-061.20.0414	31	495	5	99	-0.5	45.5	11.75	23.5	≤0.28	≤0.24
TY-061.20.0544	43	630	6	105	-0.6	45.5	14.2	28.4	≤0.30	≤0.26
TY-061.20.0644	52	732	6	122	-0.6	45.5	14.2	28.4	≤0.30	≤0.26
TY-061.20.0744	59	828	6	138	-0.6	45.5	14.2	28.4	≤0.30	≤0.26
TY-061.20.0844	71	936	8	117	-0.8	45.5	18.93	37.86	≤0.30	≤0.26
TY-061.20.0944	77	1032	8	129	-0.8	45.5	18.93	37.86	≤0.30	≤0.26
TY-061.20.1094	91	1184	8	148	-0.8	45.5	18.93	37.86	≤0.30	≤0.26

Note:

1. n1 is the number of lubricating holes. Oil cup M8×1JB/T7940.1~JB/T7940.2.The Oil nipple's location can be changed according to the user's application.
2. "Km" is addendum reduction.

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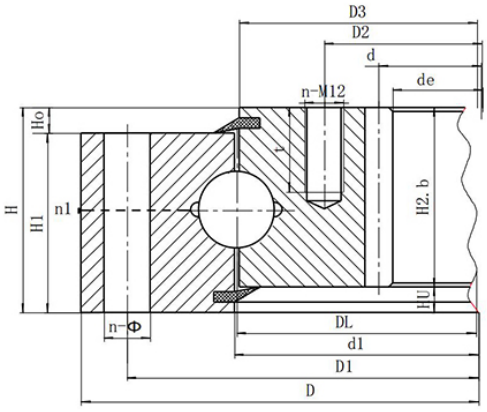
Series Thin-Light Type Slewing Bearing----Internal Gear



TY-062

Characteristic of structure, performance and application

The Thin Section Slewing Bearing has the same structure with the ordinary slewing bearing, but the weight is light, and rotate flexibly, which widely used in the food machinery, canning machinery and environmental machinery etc.

Model DL	Weight kg	Dimensions			Mounting dimension						Structural dimension						Gear Data				
		D [mm]	De [mm]	H [mm]	D1 [mm]	D2 [mm]	n	Φ [mm]	M [mm]	t	D3 [mm]	d1 [mm]	H1 [mm]	H2 [mm]	Hu [mm]	Ho [mm]	D [mm]	M [mm]	Z [mm]	k.m [mm]	B [mm]
TY-062.20.0414	31	486	327	56	460	375	24	13.5	12	20	416	413	45.5	45.5	10.5	10.5	335	5	67	-0.8	45.5
TY-062.20.0544	42	616	445	56	590	505	32	13.5	12	20	546	543	45.5	45.5	10.5	10.5	456	6	76	-0.6	45.5
TY-062.20.0644	50	716	547	56	690	605	36	13.5	12	20	646	643	45.5	45.5	10.5	10.5	558	6	93	-0.6	45.5
TY-062.20.0744	58	816	649	56	790	705	40	13.5	12	20	746	743	45.5	45.5	10.5	10.5	660	6	110	-0.6	45.5
TY-062.20.0844	69	916	738	56	890	805	40	13.5	12	20	846	843	45.5	45.5	10.5	10.5	752	8	94	-0.8	45.5
TY-062.20.0944	76	1016	842	56	990	905	44	13.5	12	20	946	943	45.5	45.5	10.5	10.5	856	8	107	-0.8	45.5
TY-062.20.1094	91	1166	986	56	1140	1055	48	13.5	12	20	1096	1093	45.5	45.5	10.5	10.5	1000	8	125	-0.8	45.5

Model DL	Gear circumferential force		Clearance	
	Allowed [KN]	Max [KN]	Axial	Radial
TY-062.20.0414	13.54	27.08	≤0.28	≤0.24
TY-062.20.0544	16	32	≤0.30	≤0.26
TY-062.20.0644	15.62	31.24	≤0.30	≤0.26
TY-062.20.0744	15.32	30.64	≤0.30	≤0.26
TY-062.20.0844	20.8	41.6	≤0.30	≤0.26
TY-062.20.0944	20.49	40.98	≤0.30	≤0.26
TY-062.20.1094	20.16	40.32	≤0.30	≤0.26

Note:

1. n1 is the number of lubricating holes. Oil cup M8×1JB/T7940.1~JB/T7940.2.The Oil nipple's location can be changed according to the user's application.
2. "Km" is addendum reduction.

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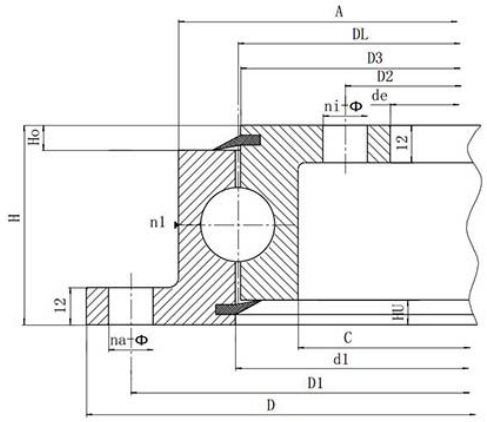
Series Flange-Light Type Slewing Bearing----Non Gear



TY-230

Characteristic of structure, performance and application
The Thin Section Slewing Bearing has the same structure with the ordinary slewing bearing, but the weight is light, and rotate flexibly, which widely used in the food machinery, canning machinery and environmental machinery etc.

Model	Weight [kg]	Dimensions			Mounting dimension						Structural dimension							Clearance	
		D [mm]	De [mm]	HF [mm]	D1 [mm]	D2 [mm]	na	Φ/M [mm]	ni	Φ/M [mm]	n1	D3 [mm]	d1 [mm]	A [mm]	C [mm]	HFu [mm]	HFo [mm]	Axial	Radial
TY-230.20.0414	23	518	304	56	490	332	16	18	24	18	4	412.5	415.5	453	375	10.5	10.5	≤0.5	≤0.5
TY-230.20.0544	30.4	648	434	56	620	462	20	18	28	18	4	542.5	545.5	583	505	10.5	10.5	≤0.5	≤0.5
TY-230.20.0644	35.8	748	534	56	720	562	24	18	32	18	4	642.5	645.5	683	605	10.5	10.5	≤0.5	≤0.5
TY-230.20.0744	42.2	848	634	56	820	662	24	18	32	18	4	742.5	745.5	783	705	10.5	10.5	≤0.5	≤0.5
TY-230.20.0844	47.1	948	734	56	920	762	28	18	36	18	4	842.5	845.5	883	805	10.5	10.5	≤0.5	≤0.5
TY-230.20.0944	52.3	1048	834	56	1020	862	32	18	40	18	4	942.5	945.5	983	905	10.5	10.5	≤0.5	≤0.5
TY-230.20.1094	61.1	1198	984	56	1170	1012	32	18	40	18	4	1092.5	1095.5	1133	1055	10.5	10.5	≤0.5	≤0.5

Note:
1. n1 is the number of lubricating holes. Oil cup M8×1JB/T7940.1~JB/T7940.2.The Oil nipple's location can be changed according to the user's application.
2. "Km" is addendum reduction

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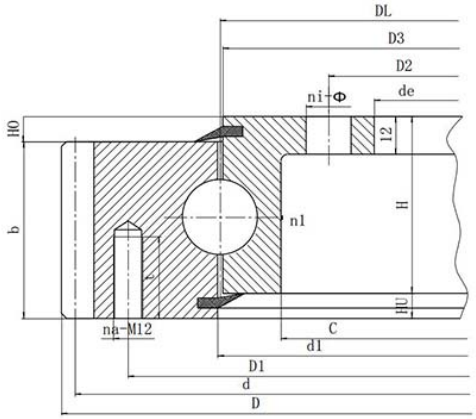
Series Flange-Light Type Slewing Bearing----External Gear



TY-231

Characteristic of structure, performance and application

The Thin Section Slewing Bearing has the same structure with the ordinary slewing bearing, but the weight is light, and rotate flexibly, which widely used in the food machinery, canning machinery and environmental machinery etc.

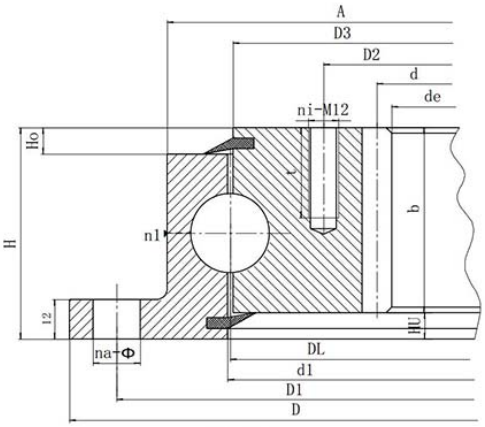
Model DL	Weight [kg]	Dimensions			Mounting dimension						
		D [mm]	De [mm]	HF [mm]	D1 [mm]	D2 [mm]	na	Φ/M [mm]	ni	Φ/M [mm]	t [mm]
TY-231.20.0414	29	504	304	56	455	332	10	M12	24	18	20
TY-231.20.0544	39.2	640.8	434	56	585	462	14	M12	28	18	20
TY-231.20.0644	47.2	742.8	534	56	685	562	16	M12	32	18	20
TY-231.20.0744	53.1	838.8	634	56	785	662	18	M12	32	18	20
TY-231.20.0844	64.7	950.4	734	56	885	762	18	M12	36	18	20
TY-231.20.0944	69.1	1046.4	834	56	985	862	20	M12	40	18	20
TY-231.20.1094	82.5	1198.4	984	56	1135	1012	22	M12	40	18	20

Model DL	Weight [kg]	Gear circumferential force											Clearance	
		n1	D3 [mm]	d1 [mm]	C [mm]	HFu [mm]	D [mm]	m [mm]	Z [mm]	B [mm]	k.m [mm]	Allowed [KN]	Max [KN]	Axial	Radial
TY-231.20.0414	29	4	412.5	415.5	375	10.5	495	5	99	45.5	-0.5	11.75	23.5	≤0.5	≤0.5
TY-231.20.0544	39.2	4	542.5	545.5	505	10.5	630	6	105	45.5	-0.5	14.2	28.4	≤0.5	≤0.5
TY-231.20.0644	47.2	4	642.5	645.5	605	10.5	732	6	122	45.5	-0.6	14.2	28.4	≤0.5	≤0.5
TY-231.20.0744	53.1	4	742.5	745.5	705	10.5	828	6	138	45.5	-0.6	14.2	28.4	≤0.5	≤0.5
TY-231.20.0844	64.7	4	842.5	845.5	805	10.5	936	8	117	45.5	-0.8	18.93	37.86	≤0.5	≤0.5
TY-231.20.0944	69.1	4	942.5	945.5	905	10.5	1032	8	129	45.5	-0.8	18.93	37.86	≤0.5	≤0.5
TY-231.20.1094	82.5	4	1092.5	1095.5	1055	10.5	1184	8	148	45.5	-0.8	18.93	37.86	≤0.5	≤0.5

Note:

1. n1 is the number of lubricating holes. Oil cup M8×1JB/T7940.1~JB/T7940.2.The Oil nipple's location can be changed according to the user's application.
2. "Km" is addendum reduction.

Series Flange-Light Type Slewing Bearing----Internal Gear



TY-232

Characteristic of structure, performance and application

The Thin Section Slewing Bearing has the same structure with the ordinary slewing bearing, but the weight is light, and rotate flexibly, which widely used in the food machinery, canning machinery and environmental machinery etc.

Model DL	Weight [kg]	Dimensions			Mounting dimension						
		D [mm]	De [mm]	H [mm]	D1 [mm]	D2 [mm]	na	Φ/M [mm]	ni	Φ/M [mm]	t [mm]
TY-232.20.0414	26.9	518	326.5	56	490	375	16	18	12	M12	20
TY-232.20.0544	36.7	648	445.5	56	620	505	20	18	16	M12	20
TY-232.20.0644	43.4	748	547.5	56	720	605	24	18	18	M12	20
TY-232.20.0744	50.8	848	649.2	56	820	705	24	18	20	M12	20
TY-232.20.0844	61.3	948	737.6	56	920	805	28	18	20	M12	20
TY-232.20.0944	65.4	1048	841.6	56	1020	905	32	18	22	M12	20
TY-232.20.1094	80.3	1198	985.6	56	1170	1055	32	18	24	M12	20

Model DL	Structural dimension					Gear data					Gear circumferential force		Clearance	
	n1	D3 [mm]	d1 [mm]	A [mm]	Hu [mm]	D [mm]	M [mm]	Z [mm]	B [mm]	k.m [mm]	Allowed [KN]	Max [KN]	Axial	Radial
TY-232.20.0414	4	412.5	415.5	453	10.5	335	5	67	45.5	-0.75	13.54	27.08	≤0.5	≤0.5
TY-232.20.0544	4	542.5	545.5	583	10.5	456	6	76	45.5	-0.6	16	32	≤0.5	≤0.5
TY-232.20.0644	4	642.5	645.5	683	10.5	558	6	93	45.5	-0.6	15.62	31.24	≤0.5	≤0.5
TY-232.20.0744	4	742.5	745.5	783	10.5	660	6	110	45.5	-0.6	15.32	30.64	≤0.5	≤0.5
TY-232.20.0844	4	842.5	845.5	883	10.5	752	8	94	45.5	-0.8	20.8	41.6	≤0.5	≤0.5
TY-232.20.0944	4	942.5	945.5	983	10.5	856	8	107	45.5	-0.8	20.49	40.98	≤0.5	≤0.5
TY-232.20.1094	4	1092.5	1095.5	1133	10.5	1000	8	125	45.5	-0.8	20.16	40.32	≤0.5	≤0.5

Note:

1. n1 is the number of lubricating holes. Oil cup M8×1JB/T7940.1~JB/T7940.2.The Oil nipple's location can be changed according to the user's application.
2. "Km" is addendum reduction.