

HANBANG

徐州汉邦回转支承有限公司
XUZHOU HANBANG SLEWING BEARING CO.,LTD



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回转支承制造专家
EXPERT OF SLEWING
BEARING MANUFACTURER



徐州汉邦回转支承有限公司

XUZHOU HANBANG SLEWING BEARING CO.,LTD

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企业文化: 以人为本 共同发展

企业宗旨: 效率成就品牌 诚信铸就未来

企业理念: 强化竞争意识 营造团队精神

企业简介 Company Introduction

徐州汉邦回转支承有限公司坐落在中国工程机械之乡—徐州，位于泉山高新技术开发区，交通便利，环境优美，是集设计、研发、制造于一体的回转支承专业化制造公司。

我公司专业生产：单排球式（01系列、HS系列、Q系列）、双排球式（02系列）、三排滚柱式（13系列）、单排交叉滚柱式（11系列、HJ系列）、轻型系列和法兰式等多系列回转支承，公司产品涵盖100mm—4000mm各种标准与非标规格的尺寸，产品主要用于挖掘机、汽车起重机、塔式起重机生产企业配套，并广泛应用于工程机械、建筑机械、轻工机械、冶金矿业机械、环保机械、石油化工机械、工程车辆、船舶港口机械等行业。

公司可按国家机械行业标准JB/T2300—2011、JB/T10471—2004、JB/T66—1999、JG/T67—1999提供系列产品，精度高，寿命长，质优价廉，售后服务完善，深受国内外的客户好评。公司拥有一支团结、敬业、求实、高效的团队，凭借专业的技术、先进的服务理念从定单、采购、制造到售后给客户最有力的服务和保障。公司产品销往全国各地并已出口到欧洲、亚洲、美洲和大洋洲等四十多个国家和地区，产品得到客户的高度赞许和认同！

徐州海林回转支承有限公司热忱欢迎您的来电咨询与合作，我们将为您提供最优质的产品和最完善的服务。

Xuzhou Hanbang Slewing Bearing Co.,Ltd. is a specialized precision slewing bearing manufacturer include designing, RD and producing ,which located in Xuzhou City, Jiangsu Province—a very famous Construction Machinery Base.

Our Slewing Bearings have several series such as Single Row Ball Series, Double Row Ball Series , Three Row Roller Series, Single Row Cross Roller Series, Light Type and Flange Type, product size is ranging from 100—4000mm with standard and non—standard models.

Our products are mainly used for Excavators, Mobile Cranes, Tower Cranes, and widely used for Construction Machinery,Light Industry Machinery,Metallurgical Mining Machinery, Environmental Protection Machinery, Petrochemical Machinery, Engineering Vehicles, Ship Port Machinery and more gradually.

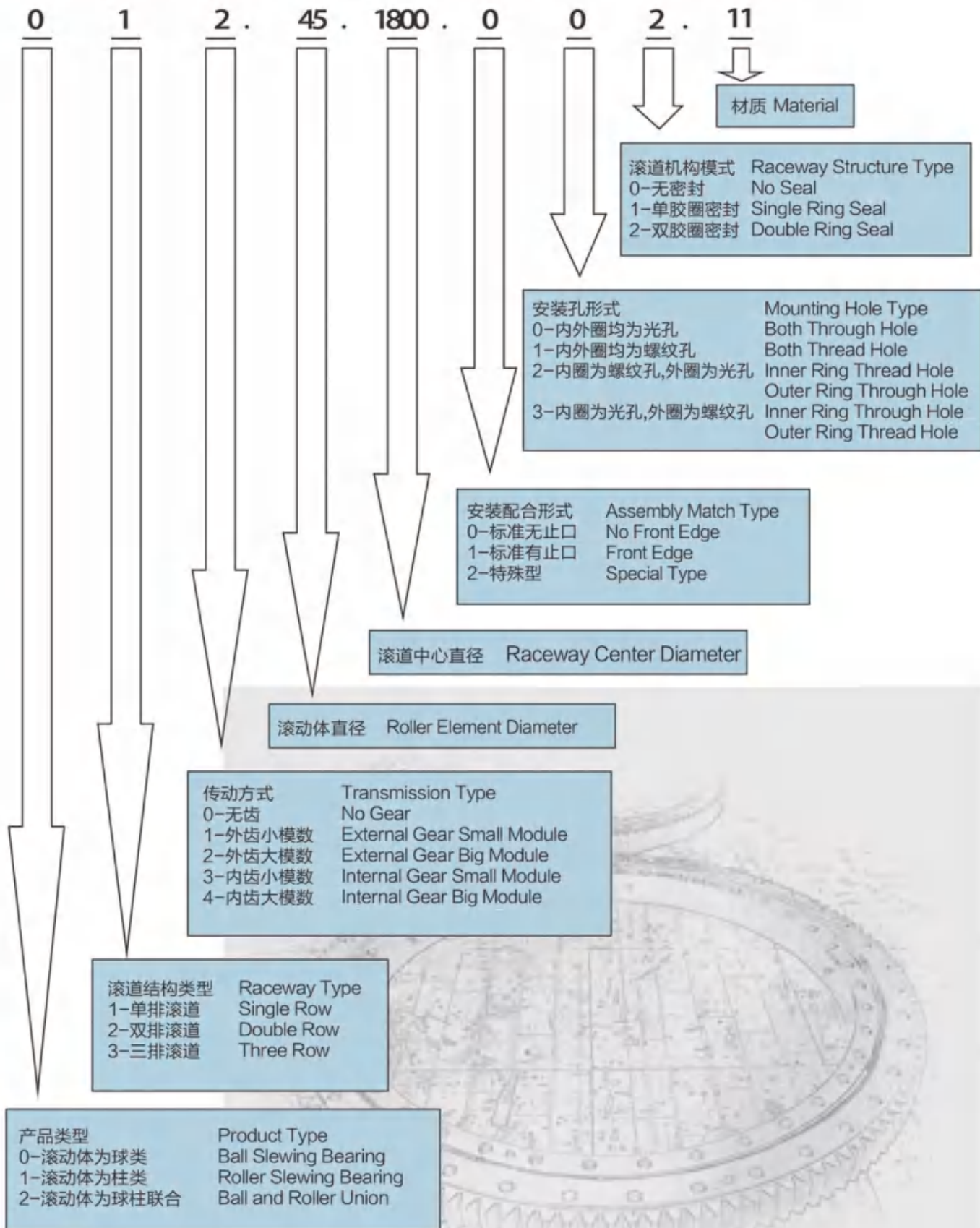
Our products are manufactured according to JB/T2300—2011、JB/T10471—2004、JB/T66—1999、JG/T67—1999 with high precision, long running time and high price/ performance rate, which have been sold to many provinces in China and exported to Europe, Asia, the Americas and Oceania and other areas, and obtain high praise and recognition from customers all over the word.

Our team with Unity, Dedication, Pragmatism, Efficiency always offer best service and guarantee for our customers from ordering, purchasing, manufacturing and after—sale process.

Welcome to be here—Xuzhou Helin Slewing Bearing Co., Ltd —with high quality products and perfect service.

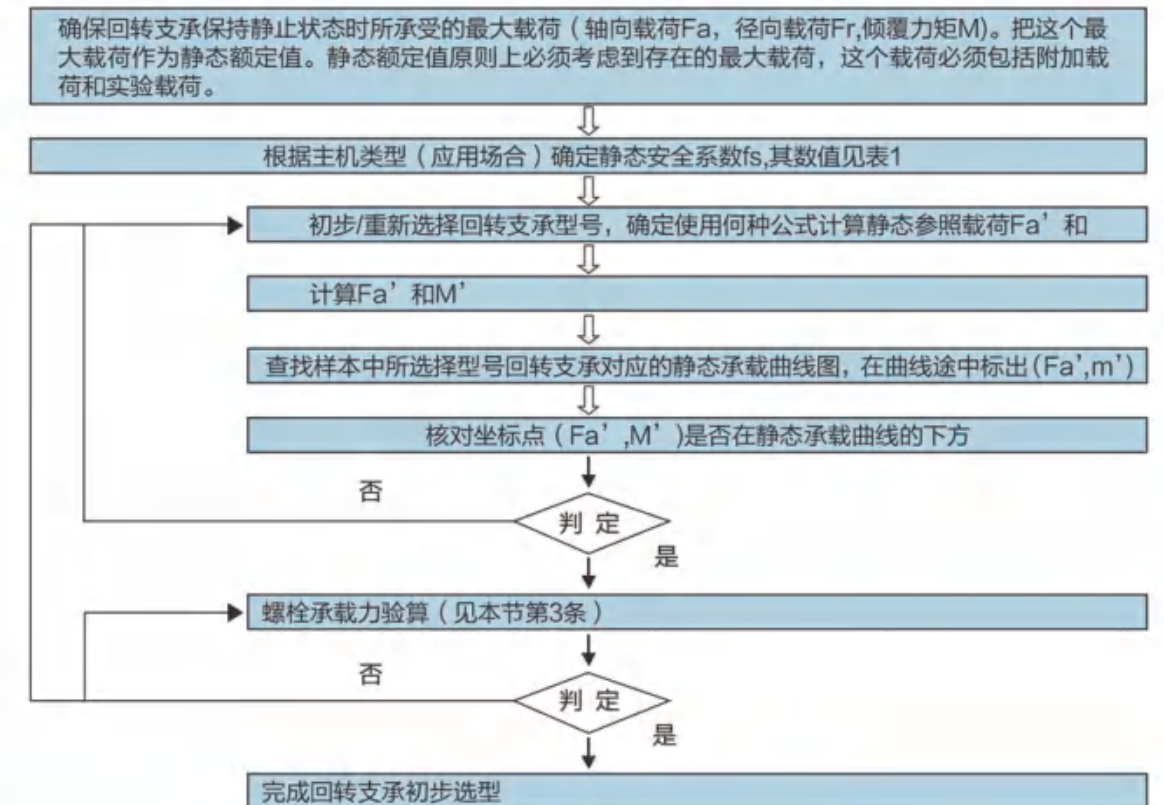
回转支承编号方法JB/T2300-2011标准

Slewing Bearing Numbering Methods JB/T2300-2011 Standard



静态选型 Static State Model Selection

1) 选型流程图

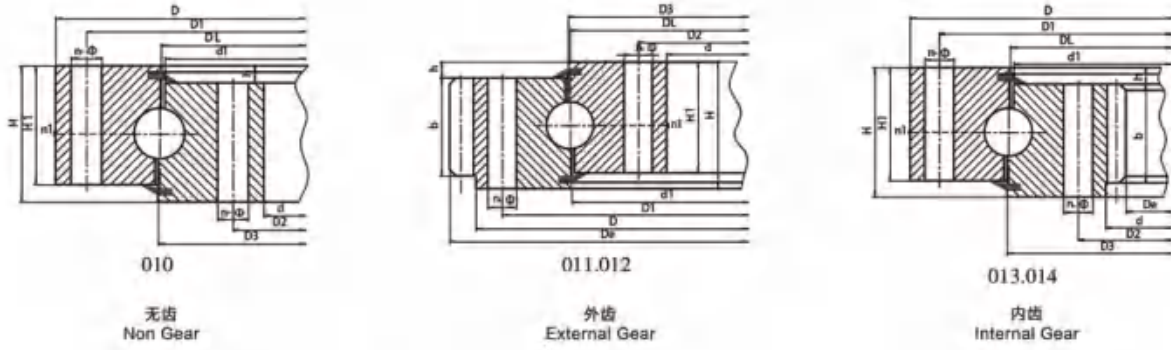


2) 静态参照载荷 Fa' 和 M' 的计算方法:

- 单排四点接触球式:
单排四点接触球式回转支承的选型计算分别按承载角 45° 和 60° 两种情况进行。
I、a=45° II、a=60°
 $Fa'=(1.225*Fa+2.676*Fr)*fs$ $Fa'=(Fa+5.046*Fr)*fs$
 $M'=1.225*M*fs$ $M'=M*fs$
然后在曲线图上找出以上二点, 其中一点在曲线以下即可。
- 单排交叉滚柱式
 $Fa'=(Fa+2.05Fr)*fs$
 $M'=M*fs$
- 双排异径球式
对于双排异径球式回转支承选型计算, 但 $Fr \leq 10\%Fa$ 时, Fr 忽略不计。当 $Fr \geq 10\%Fa$ 时, 必须考虑轨道内侧压力角的变化, 其计算请与我们联系。
 $Fa'=Fa*fs$
 $M'=M*fs$
- 三排滚柱式
三排滚柱式回转支承选型时, 仅对轴向滚道负荷和倾覆力矩的作用进行计算。
 $Fa'=Fa*fs$
 $M'=M*fs$
- 动态选型
对于连续运转、高速回转和其它对回转支承的寿命有具体要求的应用场合, 请与我公司联系。
- 螺栓承载力验算:
把回转支承所承受的最大载荷（没有乘静态安全系数 fs）作为选择螺栓的载荷。
- 查对载荷是否在所需等级螺栓极限负荷曲线以下;
- 若螺栓承载能力不够, 可重新选择回转支承, 或与我公司联系。

01系列 单排四点接触球式回转支承

Series 01 Single Row Four Point Contact Ball Slewing Bearing



结构特点、性能、适用范围

单排四点接触球式回转支承由两个座圈组成，结构紧凑、重量轻、钢球与圆弧滚道四点接触，能同时承受轴向力、径向力和倾翻力矩。回转式输送机、焊接操作机、中小型起重机和挖掘机等工程机械均可选用。

注：

- 1、n1为润滑油孔数，均布；油杯M10×1 JB/T7940.1-JB/T7940.2
- 2、安装孔n-dn1、n-dn2可改用螺孔；齿宽b可改为H-h。
- 3、表内齿轮圆周力为最大圆周力，额定圆周力取其1/2。
- 4、内齿修顶系数为0.2。

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.

Note:

1. n1 is the number of lubricating holes. Oil cup M10×1 JB/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.

01 系列 - 无齿 Series 01--Non Gear

序号 No.	基本型号 Model	外型尺寸 Dimensions		安装尺寸 Mounting Dimensions				结构尺寸 Structural Dimensions				参考重量 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
1	010.20.200	280	120	60	248	152	12	16	M14	28	2	201	199	50	10
2	010.20.224	304	144	60	272	176	12	16	M14	28	2	225	223	50	10
3	010.20.250	330	170	60	298	202	18	16	M14	28	2	251	249	50	10
4	010.20.280	360	200	60	328	232	18	16	M14	28	2	281	279	50	10
5	010.25.315	408	222	70	372	258	20	18	M16	32	2	316	314	60	10
6	010.25.355	448	262	70	412	298	20	18	M16	32	2	356	354	60	10
7	010.25.400	493	307	70	457	343	20	18	M16	32	2	401	399	60	10
8	010.25.450	543	357	70	507	393	20	18	M16	32	2	451	449	60	10
9	010.30.500	602	398	80	566	434	20	18	M16	32	4	501	498	70	10
9H	010.25.500	602	398	80	566	434	20	18	M16	32	4	501	499	70	10
10	010.30.560	662	458	80	626	494	20	18	M16	32	4	561	558	70	10
10H	010.25.560	662	458	80	626	494	20	18	M16	32	4	561	559	70	10
11	010.30.630	732	528	80	696	564	24	18	M16	32	4	631	628	70	10
11H	010.25.630	732	528	80	696	564	24	18	M16	32	4	631	629	70	10
12	010.30.710	812	608	80	776	644	24	18	M16	32	4	711	708	70	10
12H	010.25.710	812	608	80	776	644	24	18	M16	32	4	711	709	70	10
13	010.40.800	922	678	100	878	722	30	22	M20	40	6	801	798	90	10
13H	010.30.800	922	678	100	878	722	30	22	M20	40	6	801	798	90	10
14	010.40.900	1022	778	100	978	822	30	22	M20	40	6	901	898	90	10
14H	010.30.900	1022	778	100	978	822	30	22	M20	40	6	901	898	90	10
15	010.40.1000	1122	878	100	1078	922	36	22	M20	40	6	1001	998	90	10
15H	010.30.1000	1122	878	100	1078	922	36	22	M20	40	6	1001	998	90	10
16	010.40.1120	1242	998	100	1198	1042	36	22	M20	40	6	1121	1118	90	10
16H	010.30.1120	1242	998	100	1198	1042	36	22	M20	40	6	1121	1118	90	10
17	010.45.1250	1390	1110	110	1337	1163	40	26	M24	48	5	1252	1248	100	10
17H	010.35.1250	1390	1110	110	1337	1163	40	26	M24	48	5	1251	1248	100	10
18	010.45.1400	1540	1260	110	1487	1313	40	26	M24	48	5	1402	1398	100	10
18H	010.35.1400	1540	1260	110	1487	1313	40	26	M24	48	5	1401	1398	100	10
19	011.45.1600	1740	1460	110	1687	1513	45	26	M24	48	5	1602	1598	100	10
19H	010.35.1600	1740	1460	110	1687	1513	45	26	M24	48	5	1601	1598	100	10
20	010.45.1800	1940	1660	110	1887	1713	45	26	M24	48	5	1802	1798	100	10
20H	010.35.1800	1940	1660	110	1887	1713	45	26	M24	48	5	1801	1798	100	10
21	010.60.2000	2178	1825	144	2110	1891	48	33	M30	60	8	2002	1998	132	12
21H	010.40.2000	2178	1825	144	2110	1891	48	33	M30	60	8	2001	1998	132	12
22	010.60.2240	2418	2065	144	2350	2131	48	33	M30	60	8	2242	2238	132	12
22H	010.40.2240	2418	2065	144	2350	2131	48	33	M30	60	8	2241	2238	132	12
23	010.60.2500	2678	2325	144	2610	2391	56	33	M30	60	8	2502	2498	132	12
23H	010.40.2500	2678	2325	144	2610	2391	56	33	M30	60	8	2501	2498	132	12
24	010.60.2800	2978	2625	144	2910	2691	56	33	M30	60	8	2802	2798	132	12
24H	010.40.2800	2978	2625	144	2910	2691	56	33	M30	60	8	2801	2798	132	12
25	010.75.3150	3376	2922	174	3286	3014	56	45	M42	84	8	3152	3147	162	12
25H	010.50.3150	3376	2922	174	3286	3014	56	45	M42	84	8	3151	3147	162	12

01 系列 - 外齿 Series 01--External gear

序号 No.	外齿式 External gear DL mm		外型尺寸 Dimensions				安装尺寸 Mounting Dimensions				结构尺寸 Structural Dimensions				齿轮参数 Gear data				齿轮周力 Gear circumferential force		参考重量 weight kg	
	D	d	H	D1	D2	n	mm	dm	L	n1	D3	d1	H1	h	b	x	M	De	z	正火 Z104N		调质 T104N
1	011.20.200	280	120	60	248	152	12	16	M14	28	2	201	199	50	10	40	3	300	98			
2	011.20.224	304	144	60	272	176	12	16	M14	28	2	225	223	50	10	40	3	321	105			
3	011.20.250	330	170	60	298	202	18	16	M14	28	2	251	249	50	10	40	4	352	86			
4	011.20.280	360	200	60	328	232	18	16	M14	28	2	281	279	50	10	40	4	384	94			
5	011.25.315	408	222	70	372	258	20	18	M16	32	2	316	314	60	10	50	5	435	85	2.9	4.4	4.4
6	011.25.355	448	262	70	412	298	20	18	M16	32	2	356	354	60	10	50	5	475	93	2.9	4.4	4.4
7	011.25.400	493	307	70	457	343	20	18	M16	32	2	401	399	60	10	50	6	528	86	3.5	5.3	5.3
8	011.25.450	543	357	70	507	393	20	18	M16	32	2	451	449	60	10	50	6	576	94	3.5	5.3	5.3
9	011.30.500	602	398	80	566	434	20	18	M16	32	4	501	498	70	10	60	5	629	123	3.7	5.2	5.2
10	012.30.500	602	398	80	566	434	20	18	M16	32	4	501	498	70	10	60	5	629	123	3.7	5.2	5.2
9H	011.25.500	602	398	80	566	434	20	18	M16	32	4	501	499	70	10	60	5	629	123	3.7	5.2	5.2
10H	011.25.500	602	398	80	566	434	20	18	M16	32	4	501	499	70	10	60	5	629	123	3.7	5.2	5.2
11	011.30.630	732	528	80	696	564	24	18	M16	32	4	631	628	70	10	60	5	689	135	3.7	5.2	5.2
11H	012.30.630	732	528	80	696	564	24	18	M16	32	4	631	629	70	10	60	5	689	135	3.7	5.2	5.2
12	011.30.710	812	608	80	776	644	24	18	M16	32	4	711	708	70	10	60	5	772.8	126	4.5	6.2	6.2
12H	012.30.710	812	608	80	776	644	24	18	M16	32	4	711	709	70	10	60	5	772.8	126	4.5	6.2	6.2
13	011.40.800	922	678	100	878	722	30	22	M20	40	6	801	798	90	10	80	5	850.8	139	4.5	6.2	6.2
13H	012.40.800	922	678	100	878	722	30	22	M20	40	6	801	798	90	10	80	5	850.8	139	4.5	6.2	6.2
14	011.40.900	1022	778	100	978	822	30	22	M20	40	6	901	898	90	10	80	5	966.4	118	8	11.1	11.1
14H	012.40.900	1022	778	100	978	822	30	22	M20	40	6	901	898	90	10	80	5	966.4	118	8	11.1	11.1
15	011.40.1000	1122	878	100	1078	922	36	22	M20	40	6	1001	998	90	10	80	5	1062.4	130	8	11.1	11.1
15H	012.40.1000	1122	878	100	1078	922	36	22	M20	40	6	1001	998	90	10	80	5	1062.4	130	8	11.1	11.1
16	011.40.1120	1242	998	100	1198	1042	36	22	M20	40	6	1121	1118	90	10	80	5	1188	116	10	14	14
16H	012.40.1120	1242	998	100	1198	1042	36	22	M20	40	6	1121	1118	90	10	80	5	1188	116	10	14	14

01 系列 - 外齿 (续) Series 01--External gear

序号 No.	外齿式 External gear DL mm		外型尺寸 Dimensions				安装尺寸 Mounting Dimensions				结构尺寸 Structural Dimensions				齿轮参数 Gear data				齿轮周力 Gear circumferential force		参考重量 weight kg		
	D	d	H	D1	D2	n	mm	dm	L	n1	D3	d1	H1	h	b	x	M	De	z	正火 Z104N		调质 T104N	
16H	011.30.1120	1242	998	100	1198	1042	36	22	M20	40	6	1121	1118	90	10	80	0.5	10	1298	127	10	14	14
17	012.30.1120	1390	1110	110	1337	1163	40	26	M24	48	5	1252	1246	100	10	90	0.5	12	1305.6	106	12	16.7	16.7
17H	011.35.1250	1390	1110	110	1337	1163	40	26	M24	48	5	1251	1248	100	10	90	0.5	12	1449.6	118	13.5	18.8	18.8
18	011.45.1400	1540	1260	110	1487	1313	40	26	M24	48	5	1402	1398	100	10	90	0.5	14	1453.2	101	15.8	21.9	21.9
18H	012.35.1400	1540	1260	110	1487	1313	40	26	M24	48	5	1401	1398	100	10	90	0.5	14	1449.6	118	13.5	18.8	18.8
19	011.45.1600	1740	1460	110	1687	1513	45	26	M24	48	5	1602	1598	100	10	90	0.5	14	1453.2	101	15.8	21.9	21.9
19H	012.35.1600	1740	1460	110	1687	1513	45	26	M24	48	5	1601	1598	100	10	90	0.5	14	1449.6	118	13.5	18.8	18.8
20	011.45.1800	1940	1660	110	1887	1713	45	26	M24	48	5	1802	1798	100	10	90	0.5	16	1605.6	131	13.5	18.8	18.8
20H	012.35.1800	1940	1660	110	1887	1713	45	26	M24	48	5	1801	1798	100	10	90	0.5	16	1607.2	112	15.5	21.9	21.9
21	011.60.2000	2178	1825	144	2110	1891	48	33	M30	60	8	2002	1998	132	12	120	0.5	16	1817.2	127	15.8	21.9	21.9
21H	012.40.2000	2178	1825	144	2110	1891	48	33	M30	60	8	2001	1998	132	12	120	0.5	16	1820.8	111	18.1	25	25
22	011.60.2240	2418	2065	144	2350	2131	48	33	M30	60	8	2242	2238	132	12	120	0.5	16	1817.2	127	15.8	21.9	21.9
22H	012.40.2240	2418	2065	144	2350	2131	48	33	M30	60	8	2241	2238	132	12	120	0.5	16	1820.8	111	18.1	25	25
23	011.60.2500	2678	2325	144	2610	2391	56	33	M30	60	8	2502	2498	132	12	120	0.5	18	1820.8	111	18.1	25	25
23H	012.40.2500	2678	2325	144	2610	2391	56	33	M30	60	8	2501	2498	132	12	120	0.5	18	1817.2	127	15.8	21.9	21.9
24	011.60.2800	2978	2625	144	2910	2691	56	33	M30	60	8	2802	2798	132	12	120	0.5	18	2268.8	139	24.1	33.3	33.3
24H	012.40.2800	2978	2625	144	2910	2691	56	33	M30	60	8	2802	2798	132	12	120	0.5	18	2264.4	123	27.1	37.5	37.5
25	011.75.3150	3376	2922	174	3286	3014	56	45	M42	84	8	3152	3147	162	12	150	0.5	20	2492.8	153	24.1	33.3	33.3
25H	012.50.3150	3376	2922	174	3286	3014	56	45	M42	84	8	3152	3147	162	12	150	0.5	20	2498.4	136	27.1	37.5	37.5

01 系列 - 内齿 Series 01 -- Internal gear

序号 No.v	内齿式 Internal gear D.L mm	外型尺寸 Dimensions				安装尺寸 Mounting Dimensions				结构尺寸 Structural Dimensions				齿轮参数 Gear data				齿轮圆周力 Gear circumferential force		参考 重量 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	正火 Z104N	调质 T104N
1	013.25.315	408	222	70	372	258	20	18	M16	32	2	316	314	60	10	50	0	5	190	40	2.9	4.4	
2	013.25.355	448	262	70	412	298	20	18	M16	32	2	356	354	60	10	50	0	5	235	49	2.9	4.4	
3	013.25.400	493	307	70	457	343	20	18	M16	32	2	401	399	60	10	50	0	6	276	48	3.5	5.3	
4	013.25.450	543	357	70	507	393	20	18	M16	32	2	451	449	60	10	50	0	6	324	56	3.5	5.3	
5	013.30.500	602	398	80	566	434	20	18	M16	32	4	501	498	70	10	60	0.5	5	367	74	3.7	5.2	
5H	013.25.500	602	398	80	566	434	20	18	M16	32	4	501	499	70	10	60	0.5	5	367	74	3.7	5.2	
5H	014.25.500	602	398	80	566	434	20	18	M16	32	4	501	499	70	10	60	0.5	6	368.4	62	4.5	6.2	
6	013.30.560	662	458	80	626	494	20	18	M16	32	4	561	558	70	10	60	0.5	5	427	86	3.7	5.2	
6	014.30.560	662	458	80	626	494	20	18	M16	32	4	561	559	70	10	60	0.5	6	428.4	72	4.5	6.2	
6H	013.25.560	662	458	80	626	494	20	18	M16	32	4	561	559	70	10	60	0.5	6	428.4	72	4.5	6.2	
6H	014.25.560	662	458	80	626	494	20	18	M16	32	4	561	559	70	10	60	0.5	6	428.4	72	4.5	6.2	
7	013.30.630	732	528	80	696	564	24	18	M16	32	4	631	628	70	10	60	0.5	6	494.4	83	4.5	6.2	
7	014.30.630	732	528	80	696	564	24	18	M16	32	4	631	629	70	10	60	0.5	8	491.2	62	6	8.3	
7H	013.25.630	732	528	80	696	564	24	18	M16	32	4	631	629	70	10	60	0.5	6	494.4	83	4.5	6.2	
7H	014.25.630	732	528	80	696	564	24	18	M16	32	4	631	629	70	10	60	0.5	8	491.2	62	6	8.2	
8	013.30.710	812	608	80	776	644	24	18	M16	32	4	711	708	70	10	60	0.5	6	572.4	96	4.5	6.2	
8	014.30.710	812	608	80	776	644	24	18	M16	32	4	711	709	70	10	60	0.5	8	571.2	72	6	8.9	
8H	013.25.710	812	608	80	776	644	24	18	M16	32	4	711	709	70	10	60	0.5	6	572.4	96	4.5	6.2	
8H	014.25.710	812	608	80	776	644	24	18	M16	32	4	711	709	70	10	60	0.5	8	571.2	72	6	8.9	
9	013.40.800	922	678	100	878	722	30	22	M20	40	6	801	798	90	10	80	0.5	8	635.2	80	8	11.1	
9	014.40.800	922	678	100	878	722	30	22	M20	40	6	801	798	90	10	80	0.5	10	634	64	10	14	
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9H	014.30.800	922	678	100	878	722	30	22	M20	40	6	801	798	90	10	80	0.5	10	634	64	10	14.1	
10	013.40.900	1022	778	100	978	822	30	22	M20	40	6	901	898	90	10	80	0.5	8	739.2	93	8	11.1	
10	014.40.900	1022	778	100	978	822	30	22	M20	40	6	901	898	90	10	80	0.5	10	734	74	10	14	
10H	013.30.900	1022	778	100	978	822	30	22	M20	40	6	901	898	90	10	80	0.5	8	739.2	93	8	11.1	
10H	014.30.900	1022	778	100	978	822	30	22	M20	40	6	901	898	90	10	80	0.5	10	734	74	10	14	
11	013.40.1000	1122	878	100	1078	922	36	22	M20	40	6	1001	998	90	10	80	0.5	10	824	83	10	14	
11	014.40.1000	1122	878	100	1078	922	36	22	M20	40	6	1001	998	90	10	80	0.5	12	820.8	69	12	16.7	
11H	013.30.1000	1122	878	100	1078	922	36	22	M20	40	6	1001	998	90	10	80	0.5	10	824	83	10	14	
11H	014.30.1000	1122	878	100	1078	922	36	22	M20	40	6	1001	998	90	10	80	0.5	12	820.8	69	12	16.7	
12	013.40.1120	1242	998	100	1198	1042	36	22	M20	40	6	1121	1118	90	10	80	0.5	10	944	95	10	14	
12	014.40.1120	1242	998	100	1198	1042	36	22	M20	40	6	1121	1118	90	10	80	0.5	12	940.8	79	12	16.7	
12H	013.30.1120	1242	998	100	1198	1042	36	22	M20	40	6	1121	1118	90	10	80	0.5	10	944	95	10	14	
12H	014.30.1120	1242	998	100	1198	1042	36	22	M20	40	6	1121	1118	90	10	80	0.5	12	940.8	79	12	16.7	
13	013.45.1250	1390	1110	110	1337	1163	40	26	M24	48	5	1252	1248	100	10	90	0.5	14	1041.6	75	15.8	21.9	
13	014.45.1250	1390	1110	110	1337	1163	40	26	M24	48	5	1252	1248	100	10	90	0.5	16	1048.8	88	13.5	18.8	

01 系列 - 内齿 (续) Series 01 -- Internal gear

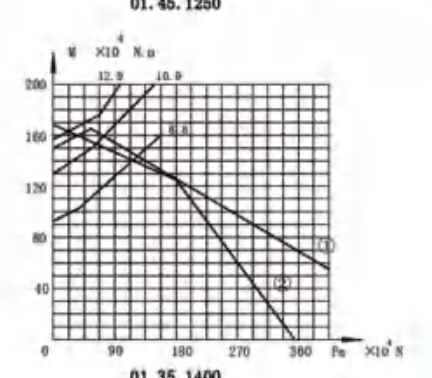
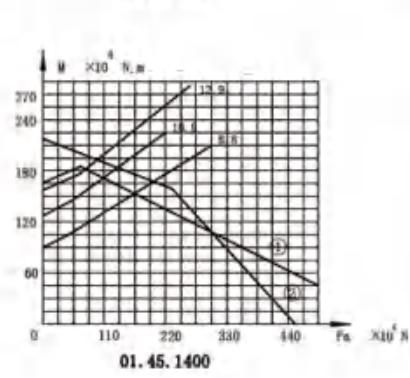
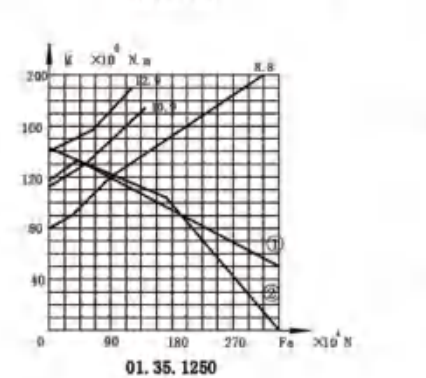
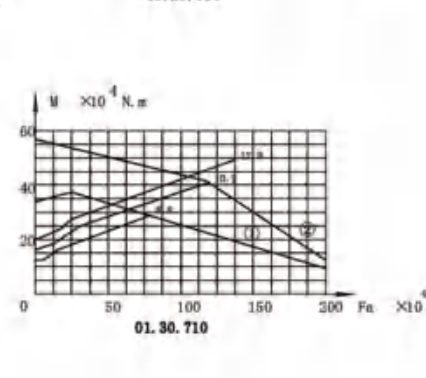
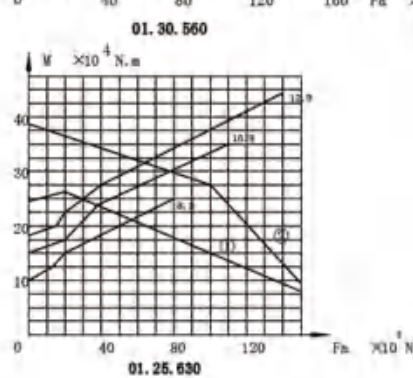
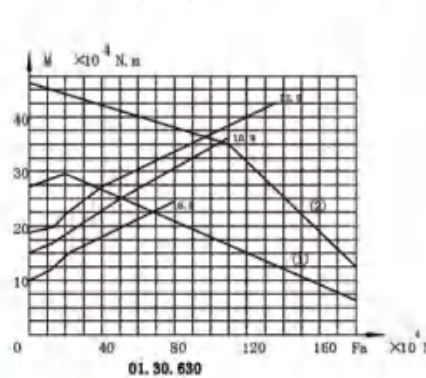
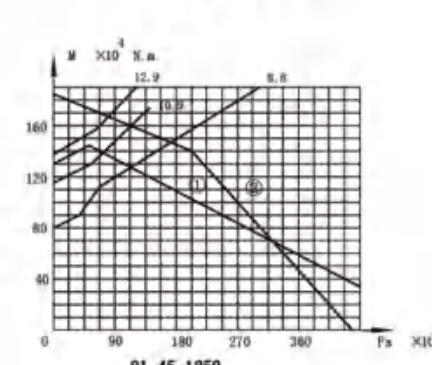
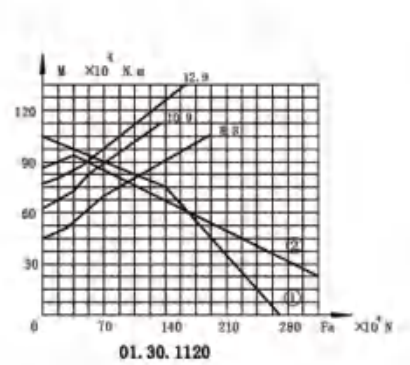
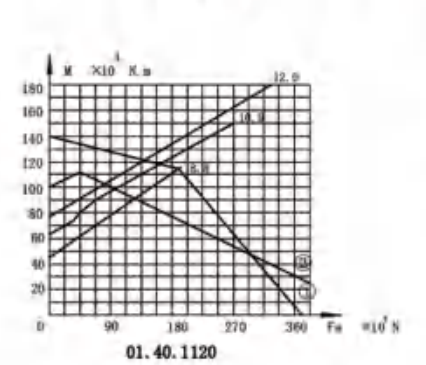
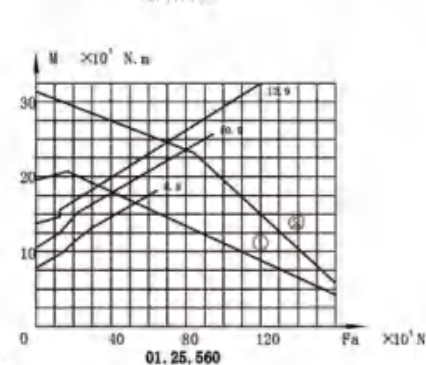
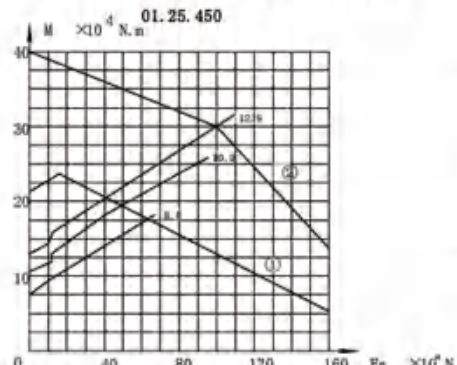
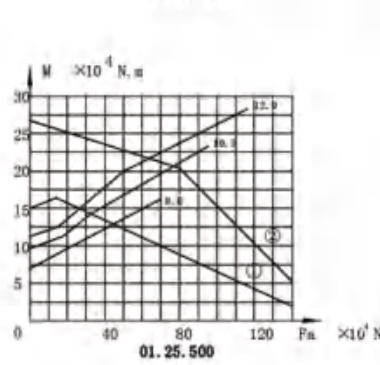
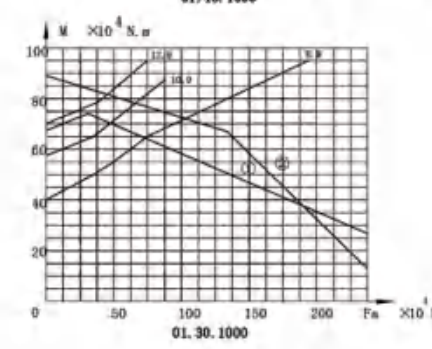
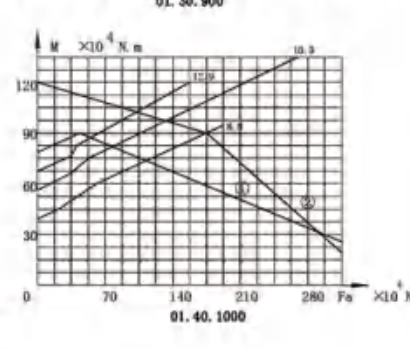
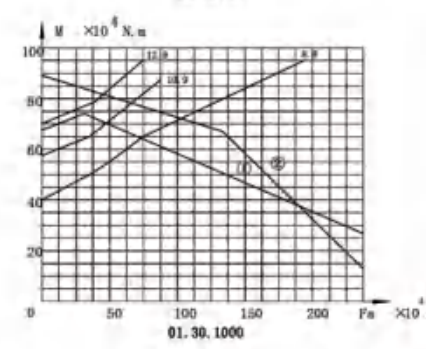
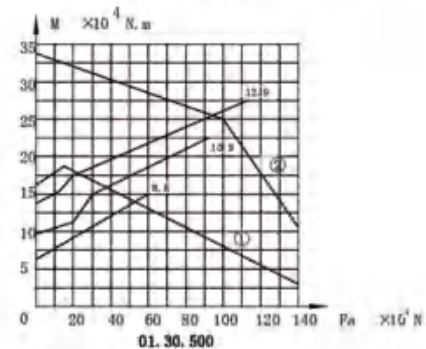
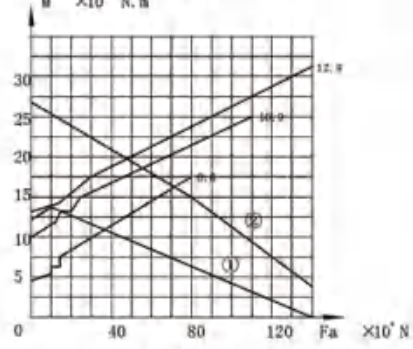
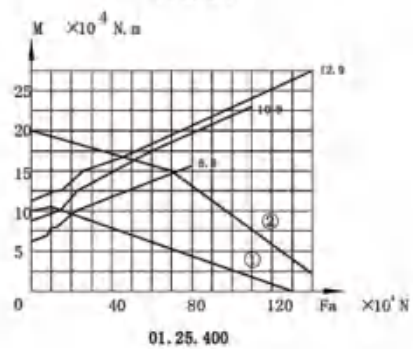
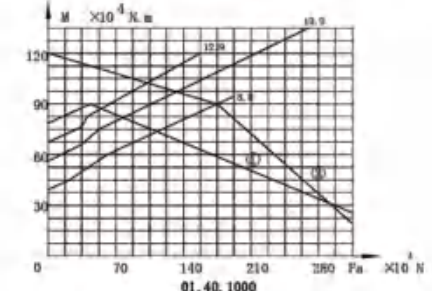
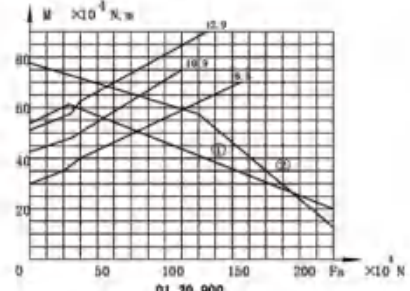
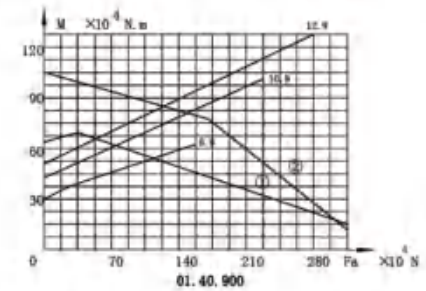
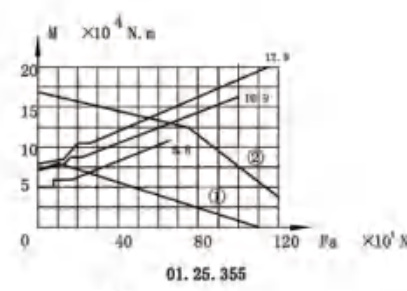
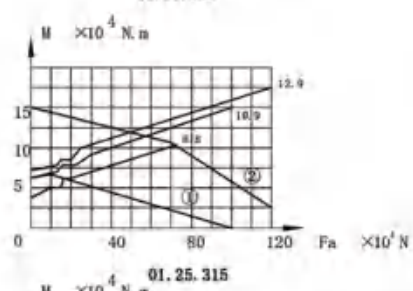
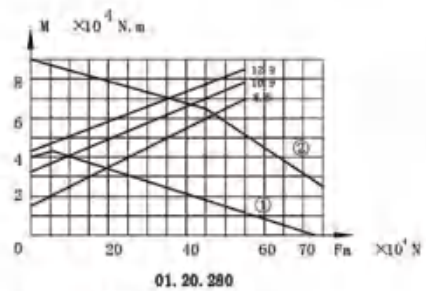
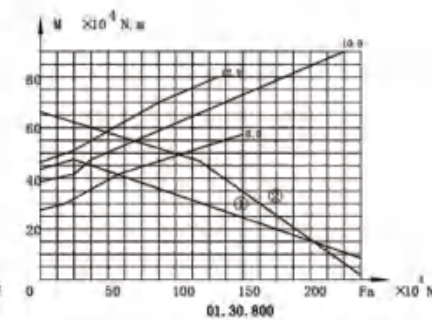
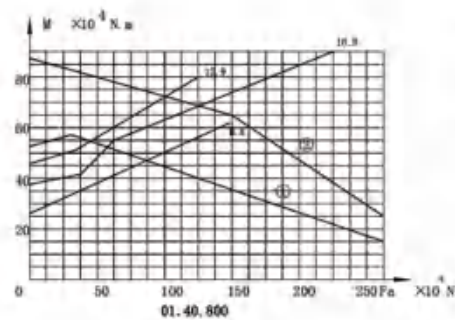
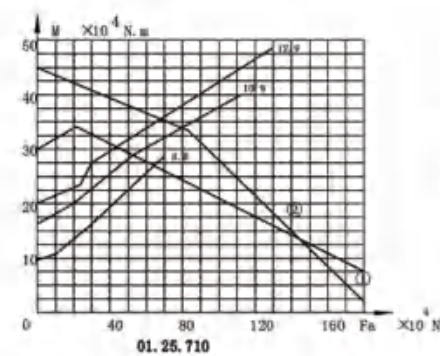
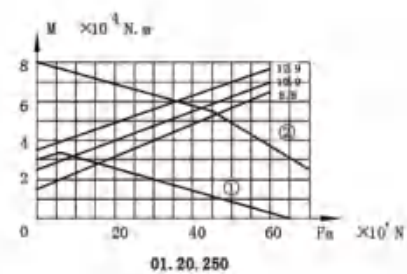
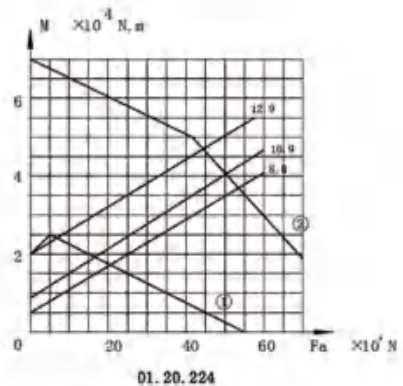
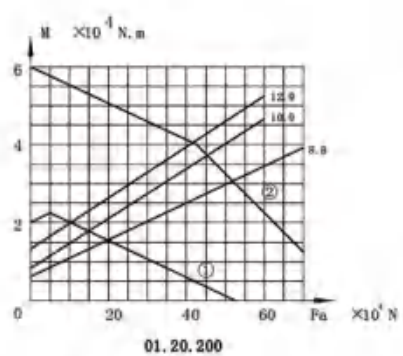
序号 No.v	内齿式 Internal gear D.L mm	外型尺寸 Dimensions				安装尺寸 Mounting Dimensions				结构尺寸 Structural Dimensions				齿轮参数 Gear data				齿轮圆周力 Gear circumferential force		参考 重量 weight kg			
		d mm	D mm	H mm	D1 mm	D2 mm	n	mm	dm mm	L mm	n1 mm	D3 mm	d1 mm	H1 mm	h mm	b mm	x	M mm	De mm		z	正火 Z104N	调质 T104N
13H	013.35.1250	1390	1110	110	1337	1163	40	26	M24	48	5	1251	1248	100	10	90	0.5	12	1048.8	88	13.5	18.8	
13H	014.35.1250	1390	1110	110	1337	1163	40	26	M24	48	5	1251	1248	100	10	90	0.5	14	1041.6	75	15.8	21.9	
14	013.45.1400	1540	1260	110	1487	1313	40	26	M24	48	5	1402	1398	100	10	90	0.5	12	1192.8	100	13.5	18.8	
14	014.45.1400	1540	1260	110	1487	1313	40	26	M24	48	5	1402	1398	100	10	90	0.5	14	1195.6	86	15.5	21.9	
14H	013.35.1400	1540	1260	110	1487	1313	40	26	M24	48	5	1401	1398	100	10	90	0.5	12	1192.8	100	13.5	18.8	
14H	014.35.1400	1540	1260	110	1487	1313	40	26	M24	48	5	1401	1398	100	10	90	0.5	14	1195.6	86	15.5	21.9	
15	013.45.1600	1740	1460	110	1687	1513	45	26	M24	48	5	1602	1598	100	10	90	0.5	14	1391.6	100	15.8	21.9	
15	014.45.1600	1740	1460	110	1687	1513	45	26	M24	48	5	1602	1598	100	10	90	0.5	16	1382.4	87	18.1	25	
15H	013.35.1600	1740	1460	110	1687	1513	45	26	M24	48	5	1601	1598	100	10	90	0.5	14	1391.6	100	15.8	21.9	
15H	014.35.1600	1740	1460	110	1687	1513	45	26	M24	48	5	1601	1598	100	10	90	0.5	16	1382.4	87	18.1	25	
16	013.45.1800	1940	1660	110	1887	1713	45	26	M24	48	5	1802	1798	100	10	90	0.5	14	1573.6	113	15.8	21.9	
16	014.45.1800	1940	1660	110	1887	1713	45	26	M24	48	5	1802	1798	100	10	90	0.5	16	1574.4	99	18.1	25	
16H	013.35.1800	1940	1660	110	1887	1713	45	26	M24	48	5	1801	1798	100	10	90	0.5	14	1573.6	113	15.8	21.9	
16H	014.35.1800	1940	1660	110	1887	1713	45	26	M24	48	5	1801	1798	100	10	90	0.5	16	1574.4	99	18.1	25	
17	013.60.2000	2178	1825	144	2110	1891	48	33	M30	60	8	2002	1998	132	12	120	0.5	16	1735.2	109	24.1	33.3	
17	014.60.2000	2178	1825	144	2110	1891	48	33	M30	60	8	2002	1998	132	12	120	0.5	18	1735.2	97	27.1	37.5	
17H	013.40.2000	2178	1825	144	2110	1891	48	33	M30	60	8	2001	1998	132	12	120	0.5	16	1734.4	109	24.1	33.3	
17H	014.40.2000	2178	1825	144	2110	1891	48	33	M30	60	8	2001	1998	132	12	120	0.5	18	1735.2	97	27.1	37.5	
18	013.60.2240	2418	2065	144	2350	2131	48	33	M30	60	8	2242	2238	132	12	120	0.5	16	1990.4	125	24.1	33.3	
18	014.60.2240	2418	2065	144	2350	2131	48	33	M30	60	8	2242	2238	132	12	120	0.5	18	1987.2	111	27.1	37.5	
18H	013.40.2240	2418	2065	144	2350	2131	48	33	M30	60	8	2241	2238	132	12	120	0.5	16	1990.4	125	24.1	33.3	
18H	014.40.2240	2418	2065	144	2350	2131	48	33	M30	60	8	2241	2238	132	12	120	0.5	18	1987.2				

01系列负载曲线图

Series 01 Load Chart

01系列负载曲线图

Series 01 Load Chart

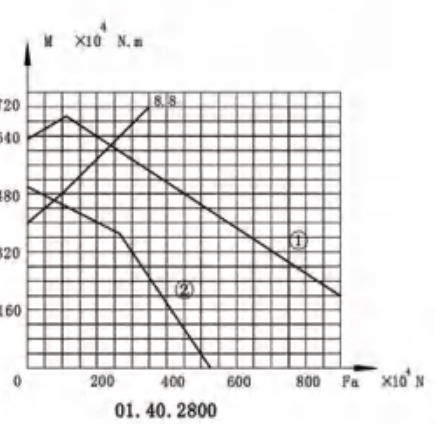
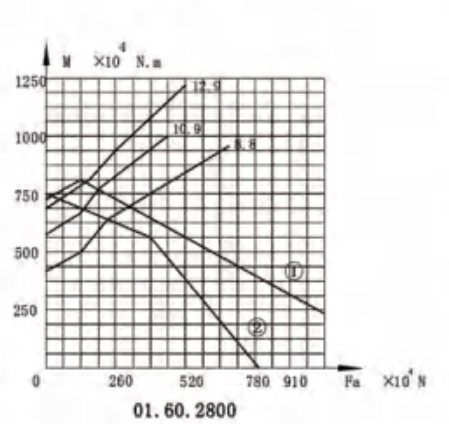
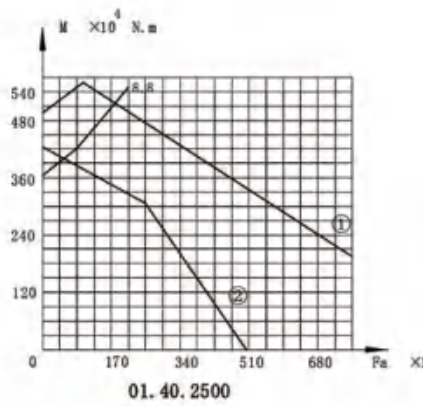
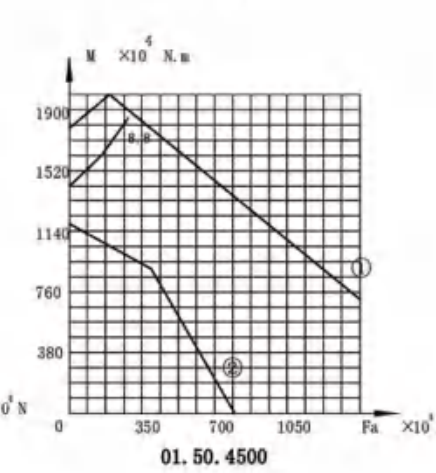
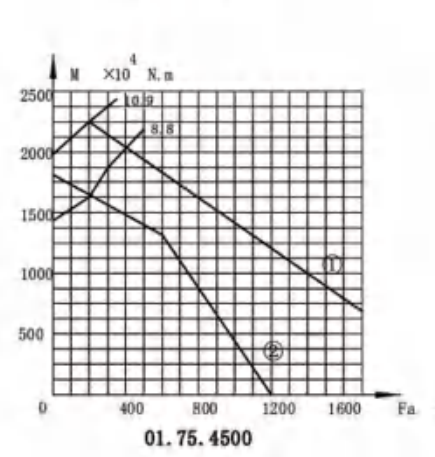
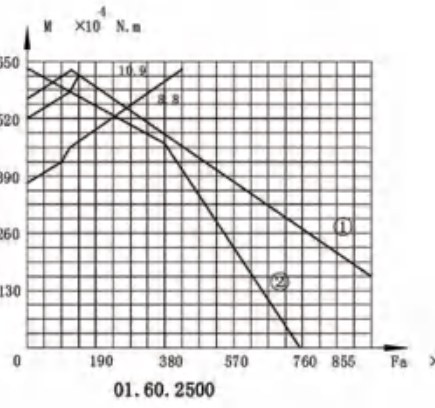
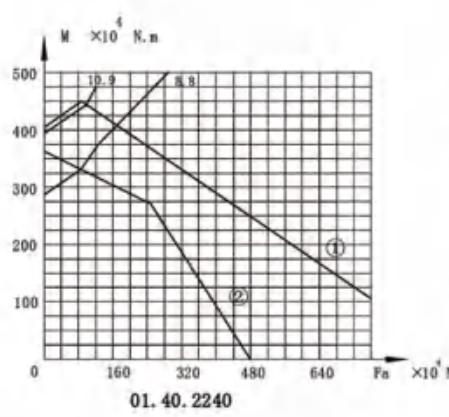
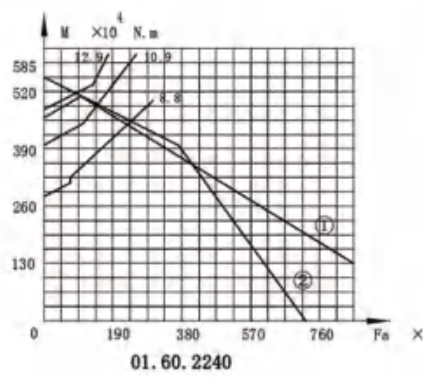
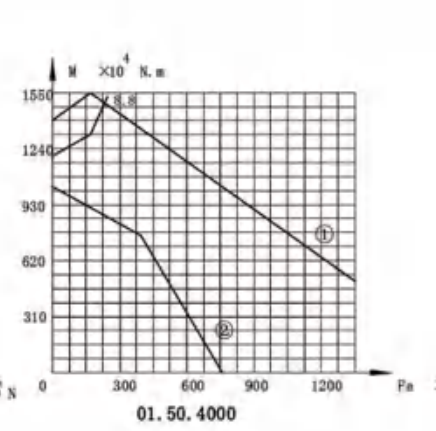
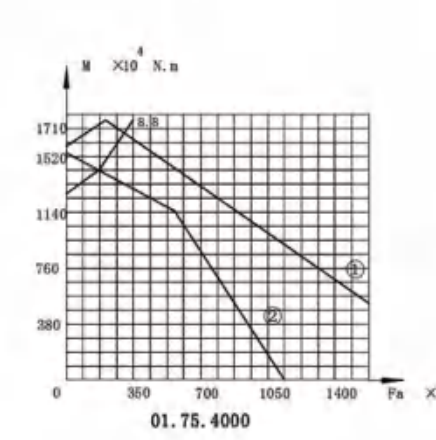
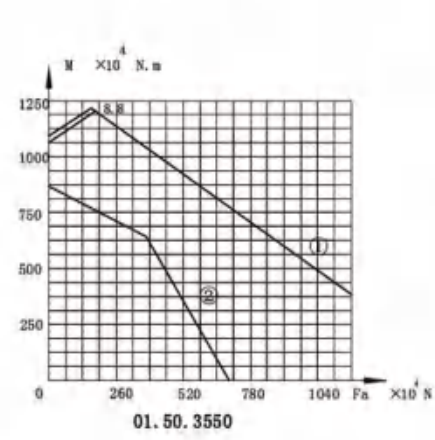
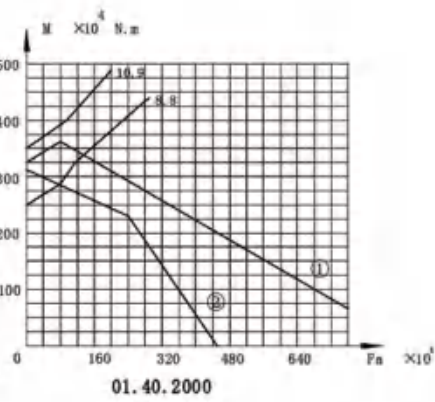
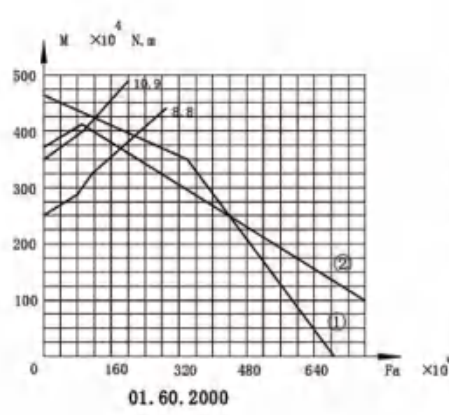
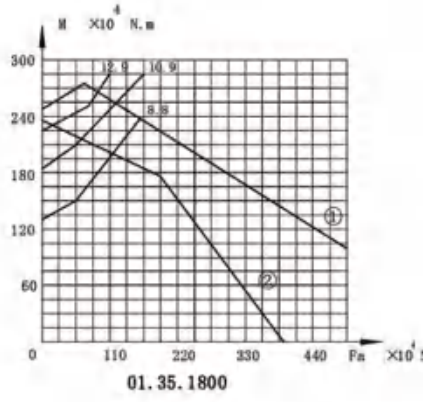
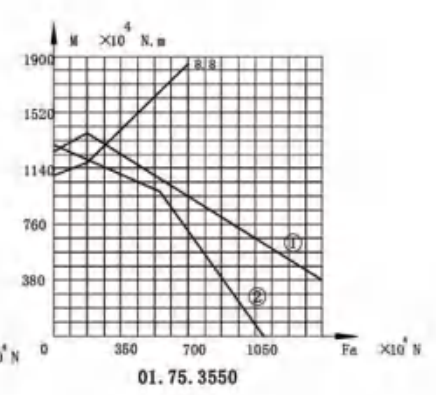
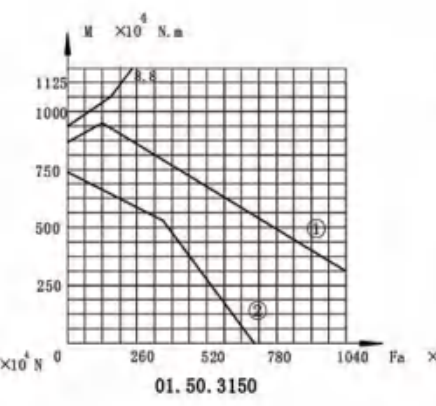
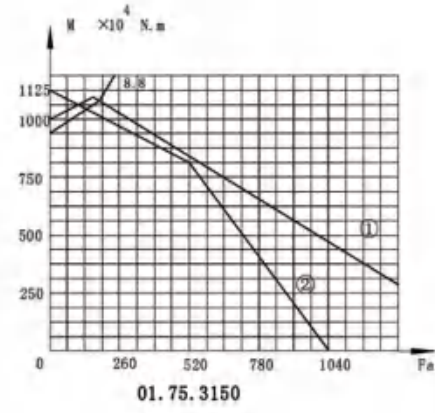
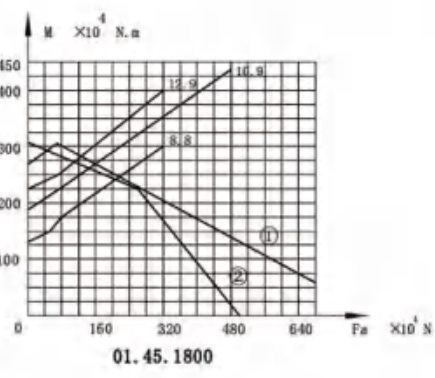
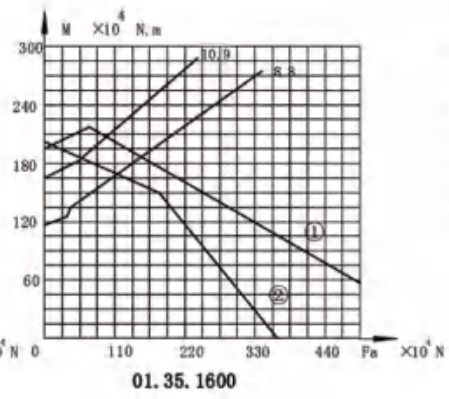
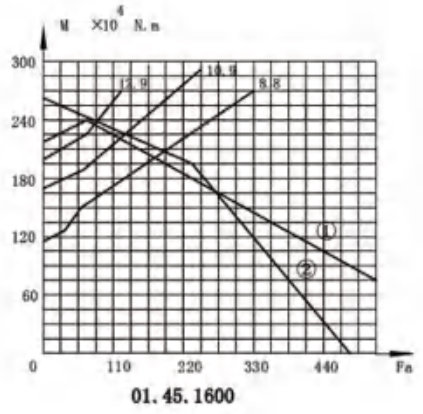


01系列负载曲线图

Series 01 Load Chart

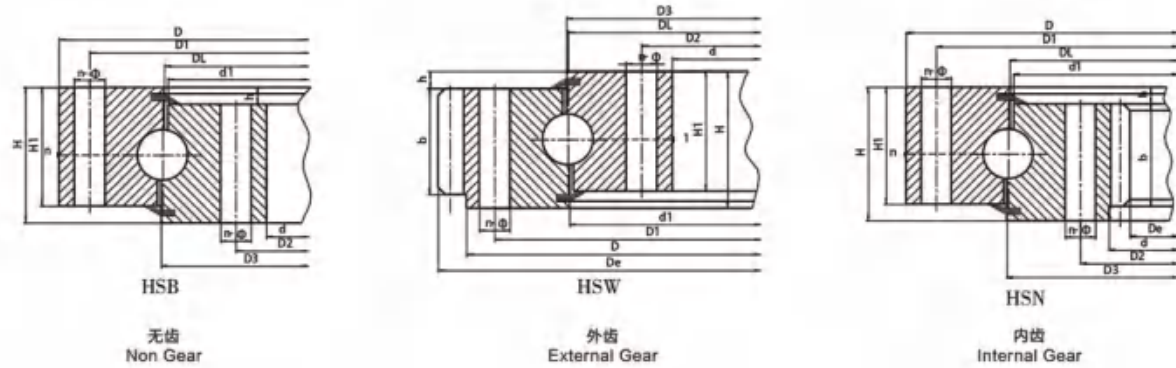
01系列负载曲线图

Series 01 Load Chart



HS系列 单排四点接触球式回转支承

Series HS Single Row Four Point Contact Ball Slewing Bearing



结构特点、性能、适用范围

单排四点接触球式回转支承由两个座圈组成，结构紧凑、重量轻、钢球与圆弧滚道四点接触，能同时承受轴向力、径向力和倾翻力矩。回转式输送机、焊接操作机、中小型起重机和挖掘机等工程机械均可选用。

注：

- 1、n1为润滑油孔数，均布；油杯M10×1 JB/T7940.1-TB7940.2。
- 2、安装孔n-Φ可改用螺孔；齿宽b可改为H-h。
- 3、表内齿轮圆周力为最大圆周力，额定圆周力取其1/2。
- 4、表内变位系数均为外齿式设计。

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.

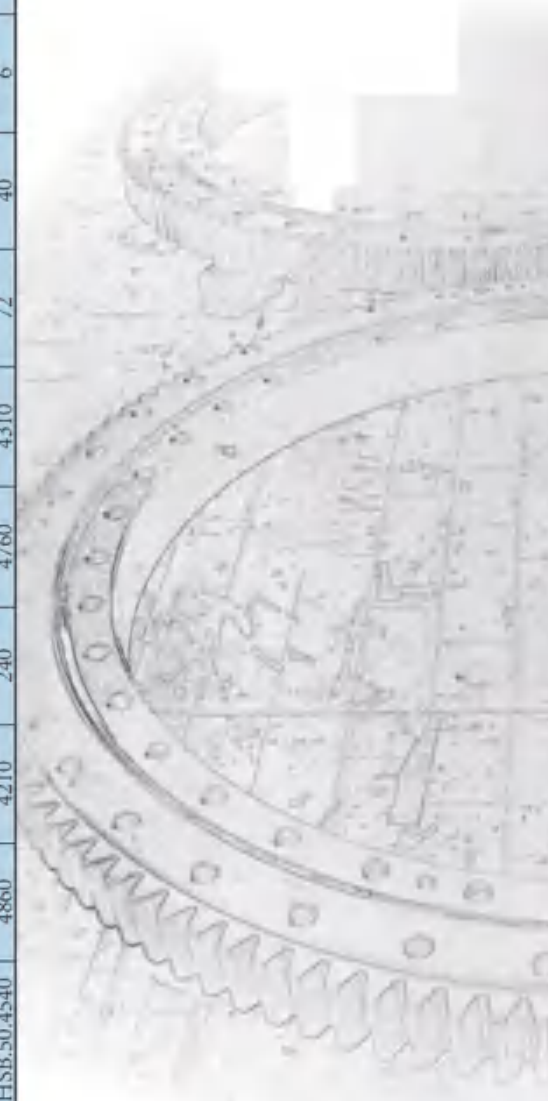
It can be used for slewing conveyer, welding manipulator, light & medium duty crane, excavator, and other construction machinery.

Note:

- 1.n1 is the number of lubricating holes, evenly distributed, lubricating nipple M10*1 JB/T7940.1-JB/T7940.2.
- 2.Mounting hole nΦ, 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)

HS 系列 - 无齿 Series HS--Non Gear

序号 No.	基本型号 Model 无齿式 Non gear D/mm	外型尺寸 Dimensions			安装尺寸 Mounting Dimensions			结构尺寸 Structural Dimensions					参考重量 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	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

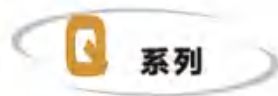


HS 系列 - 外齿 Series HS--External gear

序号 No.	外齿式 External gear DL mm	外型尺寸 Dimensions		安装尺寸 Mounting Dimensions			结构尺寸 Structural Dimensions					齿轮参数 Gear data				齿 圆 周 力 earcircumferential force	参考 重量 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
1	HSW_25.625	725	525	80	685	565	18	18	3	626	68	12	60	1.4	5	751.9	146	5.2	100
	HSW_25.625A													1.15	6	755.5	122		
2	HSW_25.720	820	620	80	780	660	18	18	3	721	719	12	60	1.4	6	860.3	139	6.2	120
	HSW_25.720A													1	8	861.1	104		
3	HSW_30.820	940	705	95	893	749	24	20	4	821	818	12	70	1.4	6	980.6	159	7.2	210
	HSW_30.820A													1	10	986.2	95		
4	HSW_30.880	1000	760	95	956	800	24	20	4	881	878	12	70	1.15	8	1047.5	127	9.7	230
	HSW_30.880A													1	10	1046.3	101		
5	HSW_30.1020	1170	875	95	1120	930	24	22	4	1021	1018	15	70	1.4	8	1219.3	148	9.7	300
	HSW_30.1020A													1.15	10	1219.2	118		
6	HSW_30.1220	1365	1075	120	1310	1130	36	24	6	1221	1218	15	90	1.4	10	1424.9	138	15.7	450
	HSW_30.1220A													1	12	1435.9	116		
7	HSW_35.1250	1400	1090	120	1350	1150	36	26	6	1251	1248	15	90	-0.35	10	1443	143	15.7	520
	HSW_35.1250A													1	12	1449.6	117		
8	HSW_35.1435	1595	1278	120	1535	1335	36	26	6	1436	1433	15	90	1.15	12	1655.5	134	18.8	610
	HSW_35.1435A													1	14	1661.2	115		
9	HSW_35.1540	1720	1360	140	1660	1420	42	26	6	1541	1538	18	110	1.4	12	1780.8	144	23	732
	HSW_35.1540A													1.15	14	1791.1	124		
10	HSW_35.1700	1875	1525	140	1815	1585	42	29	6	1701	1698	18	110	1.15	14	1945.4	135	26.8	844
	HSW_35.1700A													1.15	16	1950.8	118		
11	HSW_40.1880	2100	1665	160	2030	1740	48	32	6	1881	1878	20	115	1.4	14	2189.8	152	27.8	1400
	HSW_40.1880A													1.15	18	2194.6	118		
12	HSW_40.2115	2325	1900	160	2245	1980	48	32	6	2116	2113	20	115	1.4	16	2406.5	146	31.9	1600
	HSW_40.2115A													1.15	20	2418.4	117		
13	HSW_40.2370	2600	2146	180	2520	2220	48	32	6	2371	2368	22	130	1.4	18	2707.3	146	40.7	2100
	HSW_40.2370A													1.15	22	2704.4	119		
14	HSW_40.2600	2835	2365	180	2750	2450	54	36	6	2601	2598	22	130	1.4	18	2941.7	159	37.6	2400
	HSW_40.2600A													1.15	22	2946.9	130		
15	HSW_50.2820	3085	2555	200	3000	2640	54	36	6	2822	2818	22	150	1.4	20	3188.4	155	52.2	3400
	HSW_50.2820A													1.15	25	3198.4	124		
16	HSW_50.3120	3400	2840	200	3310	2930	54	36	6	3122	3118	22	150	1.4	22	3507.2	155	57.4	4000
	HSW_50.3120A													1.4	25	3509.6	136		
17	HSW_50.3580	3920	3240	240	3820	3340	60	40	6	3582	3578	22	190	1.4	22	4036.1	179	72.7	6700
	HSW_50.3580A													1.4	25	4035.6	157		
18	HSW_50.4030	4370	3690	240	4270	3790	66	40	6	4032	4028	22	190	1.4	22	4520.6	201	53.6	7700
	HSW_50.4030A													1.4	28	4522.4	157		
19	HSW_50.4540	4860	4210	240	4760	4310	72	40	6	4542	4538	22	190	1.4	22	4983.1	222	72.1	8760
	HSW_50.4540A													1.4	30	4992.9	162		

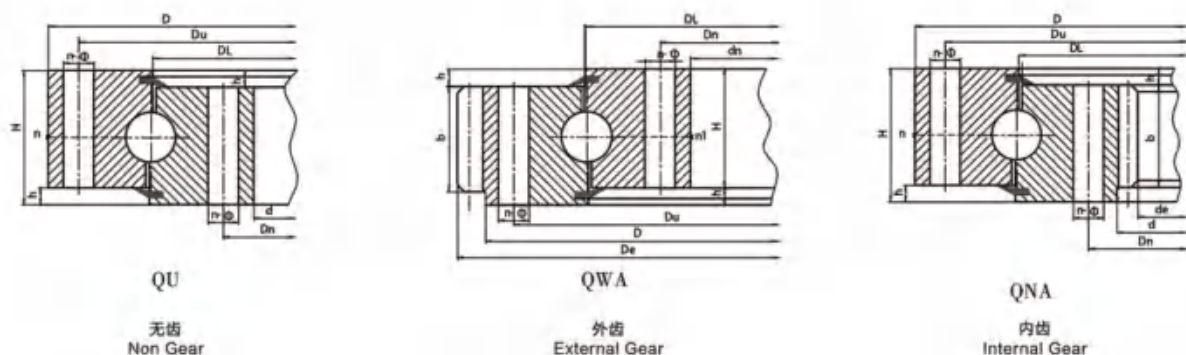
HS 系列 - 内齿 Series HS--Internal gear

序号 No.	内齿式 Internal gear DL mm	外型尺寸 Dimensions		安装尺寸 Mounting Dimensions			结构尺寸 Structural Dimensions					齿轮参数 Gear data				齿 圆 周 力 earcircumferential force	参考 重量 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
1	HSN_25.625	725	525	80	685	565	18	18	3	626	68	12	60	1.4	5	498.8	101	5.2	100
	HSN_25.625A													1.15	6	496.7	84		
2	HSN_25.720	820	620	80	780	660	18	18	3	721	719	12	60	1.4	6	586.6	99	6.2	120
	HSN_25.720A													1	8	582.3	74		
3	HSN_30.820	940	705	95	893	749	24	20	4	821	818	12	70	1.4	6	664.5	112	7.2	210
	HSN_30.820A													1	10	658	67		
4	HSN_30.880	1000	760	95	956	800	24	20	4	881	878	12	70	1.15	8	718.2	91	9.7	230
	HSN_30.880A													1	10	707.9	72		
5	HSN_30.1020	1170	875	95	1120	930	24	22	4	1021	1018	15	70	1.4	8	830.1	105	9.7	300
	HSN_30.1020A													1.15	10	827.8	84		
6	HSN_30.1220	1365	1075	120	1310	1130	36	24	6	1221	1218	15	90	1.4	10	1027.8	104	15.7	450
	HSN_30.1220A													1	12	1017.3	86		
7	HSN_35.1250	1400	1090	120	1350	1150	36	26	6	1251	1248	15	90	-0.35	10	1037	105	15.7	520
	HSN_35.1250A													1	12	1028.8	87		
8	HSN_35.1435	1595	1278	120	1535	1335	36	26	6	1436	1433	15	90	1.15	12	1221.2	103	18.8	610
	HSN_35.1435A													1	14	1214.8	88		
9	HSN_35.1540	1720	1360	140	1660	1420	42	26	6	1541	1538	18	110	1.4	12	1293.1	109	23	732
	HSN_35.1540A													1.15	14	1284.8	93		
10	HSN_35.1700	1875	1525	140	1815	1585	42	29	6	1701	1698	18	110	1.15	14	1452.7	105	26.8	844
	HSN_35.1700A													1.15	16	1452.3	92		
11	HSN_40.1880	2100	1665	160	2030	1740	48	32	6	1881	1878	20	115	1.4	14	1592.6	115	27.8	1400
	HSN_40.1880A													1.15	18	1579.9	89		
12	HSN_40.2115	2325	1900	160	2245	1980	48	32	6	2116	2113	20	115	1.4	16	1804.1	114	31.9	1600
	HSN_40.2115A													1.15	20	1795.4	91		
13	HSN_40.2370	2600	2146	180	2520	2220	48	32	6	2371	2368	22	130	1.4	18	2065.6	116	40.7	2100
	HSN_40.2370A													1.15	22	2040.9	94		
14	HSN_40.2600	2835	2365	180	2750	2450	54	36	6	2601	2598	22	130	1.4	18	2263.5	127	37.6	2400
	HSN_40.2600A													1.15	22	2260.8	104		
15	HSN_50.2820	3085	2555	200	3000	2640	54	36	6	2822	2818	22	150	1.4	20	2455	124	52.2	3400
	HSN_50.2820A													1.15	25	2444.1	99		
16	HSN_50.3120	3400	2840	200	3310	2930	54	36	6	3122	3118	22	150	1.4	22	2722.5			



Q系列 单排四点接触球式回转支承

Series Q Single Row Four Point Contact Ball Slewing Bearing



结构特点、性能、适用范围

单排四点接触球式回转支承由两个座圈组成，结构紧凑，重量轻，钢球与圆弧滚道四点接触，能同时承受轴向力，径向力和倾翻力矩，回转式输送机，焊接操作机，中小型起重机和挖掘机等工程机械均可选用。

注：

- 1、n1为润滑油孔数，均布：油杯M10×1 JB/T7940.1~JB/T7940.2
- 2、安装孔n-φ可改用螺孔；齿宽b可改为H-h。
- 3、表内齿轮圆周力为最大圆周力，额定圆周力取其1/2。

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.

Note:

1. n1 is the number of lubricating holes.Oil cup M10×1 JB/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.

Q系列 - 无齿 Series Q--Non Gear

序号 No.	型号 Model	外型尺寸 Dimensions		安装尺寸 Mounting Dimensions					结构尺寸 Structural Dimensions				
		无齿式 Non gear		H	Du	Dn	n	通孔 A Through Hole A	螺孔 B/C/D Screw Hole B/C/D		n1 油 杯数量	h	重量 Weight
		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

Q系列 - 外齿 Series Q--External gear

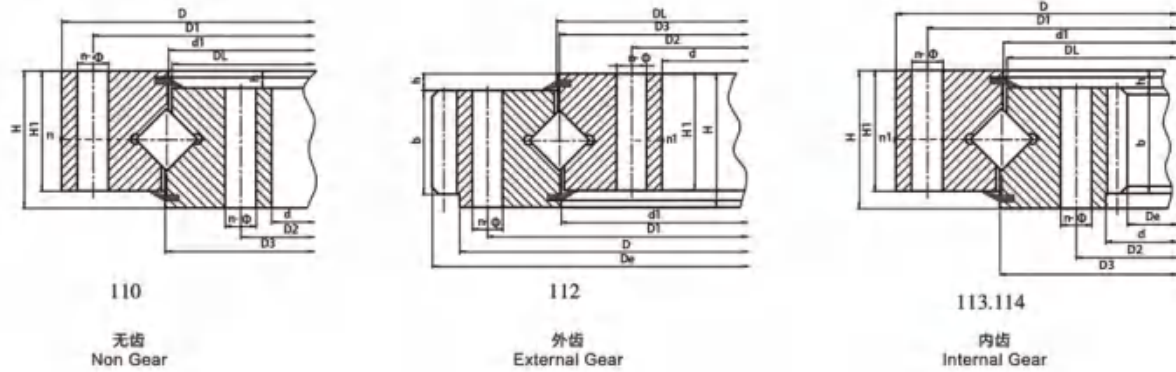
序号 No.	型号 Model	外型尺寸 Dimensions		安装尺寸 Mounting Dimensions						结构尺寸 Structural Dimensions		齿轮参数 Gear Data					
		外齿式 External Gear		H	Du	Dn	n	通孔 A Through Hole A	螺孔 B/C/D Screw Hole B/C/D	n1 油杯数量	h	B	m	外齿式 x=-0.5 External Gear x=-0.5			
		D	d											De	齿数 z	重量 Weight	
				mm	mm	mm	mm	kg									
1	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Q系列 - 内齿 Series Q--Internal gear

序号 No.	型号 Model	外型尺寸 Dimensions		安装尺寸 Mounting Dimensions						结构尺寸 Structural Dimensions		齿轮参数 Gear Data					
		内齿式 Internal Gear		H	Du	Dn	n	通孔 A Through Hole A	螺孔 B/C/D Screw Hole B/C/D	n1 油杯数量	h	B	m	外齿式 x=-0.5 External Gear x=-0.5			
		D	d											De	齿数 z	重量 Weight	
				mm	mm	mm	mm	mm	kg								
1	QN.315.20	408	224	60	370	260	10	17	M16	24	2	10	40	3	207	70	34
	QN.315.20A													4	200	51	35
2	QN.355.20	448	264	60	410	300	10	17	M16	24	2	10	40	3	246	84	39
														QN.355.20A	4	240	61
3	QN.400.20	493	310	60	455	345	12	17	M16	24	2	10	40	4	288	73	44
														QN.400.20A	5	280	57
4	QN.450.20	543	360	60	505	395	12	17	M16	24	2	10	40	4	336	85	50
														QN.450.20A	5	330	67
5	QN.500.20	593	410	60	555	445	14	17	M16	24	2	10	40	5	385	78	55
														QN.500.20A	6	378	64
6	QN.560.20	656	468	70	618	502	14	17	M16	30	2	10	50	4	440	111	76
														QN.560.20A	5	435	88
7	QN.630.20	726	538	70	688	572	16	17	M16	30	2	10	50	4	512	129	84
														QN.630.20A	5	505	102
8	QN.710.20	806	618	70	768	652	18	17	M16	30	2	10	50	5	585	118	97
														QN.710.20A	6	582	98
9	QN.800.20	896	708	70	858	742	20	17	M16	30	2	10	50	6	672	113	110
														QN.800.20A	8	664	84
10	QN.800.25	908	694	78	864	736	18	22	M20	36	2	10	58	6	654	110	142
														QN.800.25A	8	648	82
11	QN.900.25	1008	794	78	964	836	20	22	M20	36	2	10	58	8	744	94	163
														QN.900.25A	10	740	75
12	QN.1000.25	1108	894	78	1064	936	24	22	M20	36	2	10	58	8	848	107	178
														QN.1000.25A	10	840	85
13	QN.1000.32	1124	880	90	1074	926	24	24	M22	40	2	10	70	8	832	105	230
														QN.1000.32A	10	830	84
14	QN.1120.32	1244	1000	90	1194	1046	28	24	M22	40	4	10	70	10	940	95	263
														QN.1120.32A	12	936	79
15	QN.1250.32	1374	1130	90	1324	1176	32	24	M22	40	4	10	70	10	1070	108	294
														QN.1250.32A	12	1068	90
16	QN.1400.32	1524	1280	90	1474	1326	36	24	M22	40	4	10	70	12	1212	102	333
														QN.1400.32A	14	1204	87
17	QN.1250.40	1394	1110	102	1336	1164	32	26	M24	45	4	12	80	10	1050	106	388
														QN.1250.40A	12	1044	88
18	QN.1400.40	1544	1260	102	1486	1314	36	26	M24	45	4	12	80	12	1188	100	444
														QN.1400.40A	14	1190	86
19	QN.1600.40	1744	1460	102	1686	1514	40	26	M24	45	4	12	80	12	1392	117	509
														QN.1600.40A	14	1386	100
20	QN.1800.40	1944	1660	102	1886	1714	44	26	M24	45	4	12	80	14	1582	114	576
														QN.1800.40A	16	1568	99
21	QN.1600.50	1766	1438	124	1704	1496	40	30	M27	50	4	12	100	12	1368	115	714
														QN.1600.50A	14	1358	98
22	QN.1800.50	1966	1638	124	1904												

11系列 单排交叉滚柱式回转支承

Series 11 Single Row Crossed Roller Slewing Bearing



结构特点、性能、适用范围

单排交叉滚柱式回转支承，由两个座圈组成，结构紧凑、重量轻、制造精度高，装配间隙小，对安装精度要求高，滚柱为1：1交叉排列，能同时承受轴向力，倾翻力矩和较大的径向力，被广泛地用于起重运输、工程机械和军工产品上。

注：

- 1、n1为润滑油孔数，均布：油杯M10×1 JB/T7940.1-JB/T7940.2
- 2、安装孔n-φ可改用螺孔；齿宽b可改为H-h。
- 3、表内齿轮圆周力为最大圆周力，额定圆周力取其1/2。
- 4、内齿修顶系数为0.2。

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.

Note:

1. n1 is the number of lubricating holes. Oil cup M10×1 JB/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.

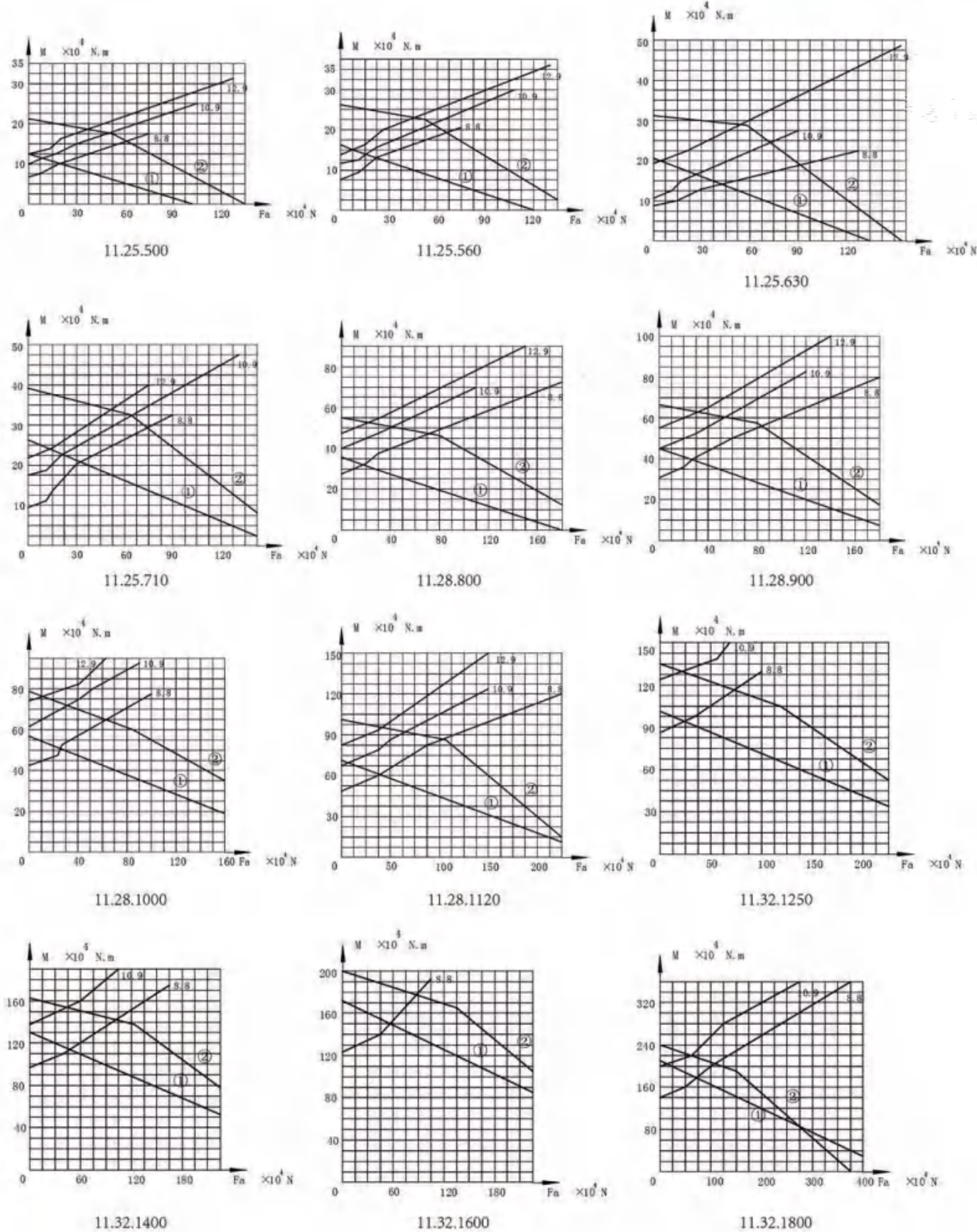
11 系列 - 无齿 Series 11 -- Non Gear

序号 No.	无齿式 Non gear DL mm		外型尺寸 Dimensions		安装尺寸 Mounting Dimensions						结构尺寸 Structural Dimensions				参考重量 Weight kg
	D mm	d mm	H mm	H1 mm	D1 mm	D2 mm	n	mm	dm mm	L mm	n1 mm	d1 mm	H1 mm	h mm	
1	110.25.500	602	398	75	566	434	20	18	M16	32	4	498	65	10	80
2	110.25.560	662	458	75	626	494	20	18	M16	32	4	558	65	10	90
3	110.25.630	732	528	75	696	564	24	18	M16	32	4	628	65	10	100
4	110.25.710	812	608	75	776	644	24	18	M16	32	4	708	65	10	110
5	110.28.800	922	678	82	878	722	30	22	M20	40	6	798	72	10	170
6	110.28.900	1022	778	82	978	822	30	22	M20	40	6	898	72	10	190
7	110.28.1000	1122	878	82	1078	922	36	22	M20	40	6	998	72	10	210
8	110.28.1120	1242	998	82	1198	1042	36	22	M20	40	6	1118	72	10	230
9	110.32.1250	1390	1110	91	1337	1163	40	26	M24	48	5	1248	81	10	350
10	110.32.1400	1540	1260	91	1487	1313	40	26	M24	48	5	1398	81	10	400
11	110.32.1600	1740	1460	91	1687	1513	45	26	M24	48	5	1598	81	10	440
12	110.32.1800	1940	1660	91	1887	1713	45	26	M24	48	5	1798	81	10	500
13	110.40.2000	2178	1825	112	2110	1891	48	33	M30	60	8	1997	100	12	900
14	110.40.2240	2418	2065	112	2350	2131	48	33	M30	60	8	2237	100	12	1000
15	110.40.2500	2678	2325	112	2610	2391	56	33	M30	60	8	2497	100	12	1100
16	110.40.2800	2978	2625	112	2910	2691	56	33	M30	60	8	2797	100	12	1250
17	110.50.3150	3376	2922	134	3286	3014	56	45	M42	84	8	3147	122	12	2150
18	110.50.3550	3776	3322	134	3686	3414	56	45	M42	84	8	3547	122	12	2470
19	110.50.4000	4226	3772	134	4136	3864	60	45	M42	84	10	3997	122	12	2800
20	110.50.4500	4726	4272	134	4636	4364	60	45	M42	84	10	4497	122	12	3100



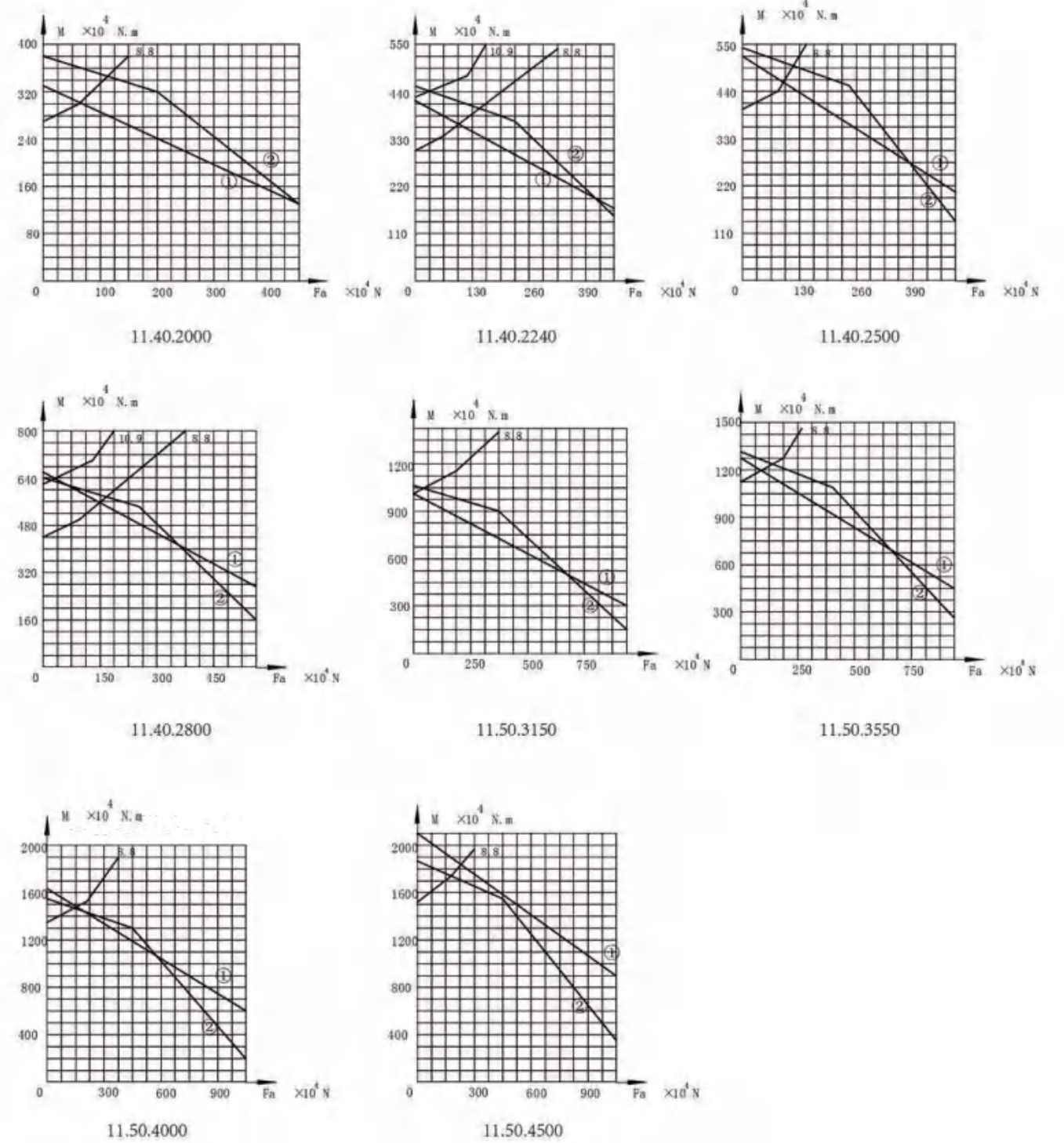
11系列负载曲线图

Series 11 Load Chart



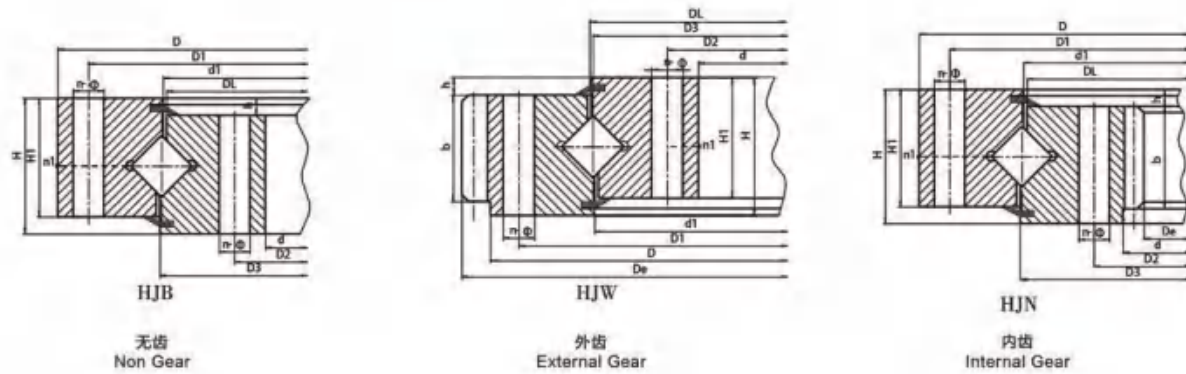
11系列负载曲线图

Series 11 Load Chart



HJ系列 单排交叉滚柱式回转支承

Series HJ Single Row Crossed Roller Slewing Bearing



结构特点、性能、适用范围

单排交叉滚柱式回转支承，由两个座圈组成，结构紧凑、重量轻、制造精度高，装配间隙小，对安装精度要求高，滚柱为1:1交叉排列，能同时承受轴向力，倾翻力矩和较大的径向力，被广泛地用于起重运输、工程机械和军工产品上。

注：

- 1、n1为润滑油孔数，均布：油杯M10×1 JB/T7940.1-JB/T7940.2。
- 2、安装孔n-φ可改用螺孔；齿宽b可改为H-h。
- 3、表内齿轮圆周力为最大圆周力，额定圆周力取其1/2。
- 4、内齿变位系数均为+0.35。

Characteristic of structure, performance and application

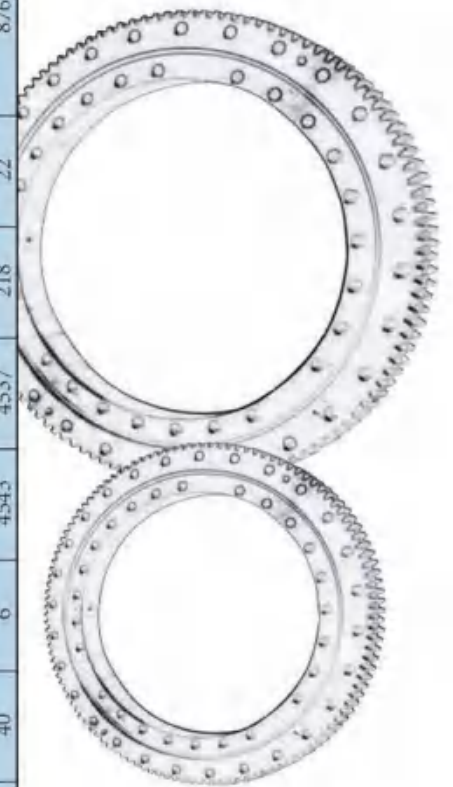
The single row crossed roller slewing bearing is composed of two seat rings, which design in compact structure and light weight, the clearance is small when assembly, so need high precision. The roller are 1:1 cross arranged, it can bear the axial force, tilting moment and relatively large radial force.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

Note:

1. n1 is the number of lubricating holes. Oil cup M10×1 JB/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.

HJ 系列 - 无齿 Series HJ--Non Gear

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



HJ 系列 - 外齿 Series HJ--External Gear

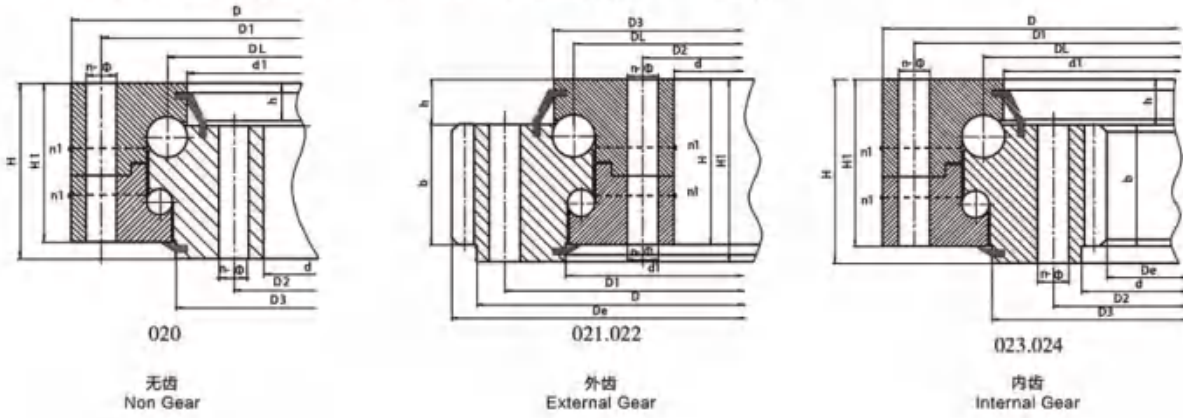
序号 No.	外齿式 External gear D L mm	外型尺寸 Dimensions			安装尺寸 Mounting Dimensions			结构尺寸 Structural Dimensions						齿轮参数 Gear data				齿轮圆周力 Gear circumferential force	参考 重量 weight kg	
		D mm	d mm	H mm	D1 mm	D2 mm	n	mm	n1 mm	D3 mm	d1 mm	H1 mm	h mm	b mm	x	M mm	De mm			z
1	HJW.20.625 HJW.20.625A	725	525	80	685	565	18	18	3	627	623	68	12	60	1.4	5	751.9	146	5.2	100
2	HJW.20.720 HJW.20.720A	820	620	80	780	660	18	18	3	722	718	68	12	60	1.15	6	755.5	122	6.2	120
3	HJW.30.820 HJW.30.820A	940	705	95	893	749	24	20	4	822	818	83	12	70	1.4	6	980.6	159	7.2	210
4	HJW.30.880 HJW.30.880A	1000	760	95	956	800	24	20	4	882	878	83	12	70	1.15	8	986.2	95	12.2	230
5	HJW.30.1020 HJW.30.1020A	1170	875	95	1120	930	24	22	4	1022	1018	80	15	70	1.4	8	1219.3	148	9.7	300
6	HJW.36.1220 HJW.36.1220A	1365	1075	120	1310	1130	36	24	6	1222	1218	105	15	90	1.15	10	1424.9	138	15.7	450
7	HJW.36.1250 HJW.36.1250A	1400	1090	120	1350	1150	36	26	6	1252	1248	105	15	90	-0.35	10	1443	143	18.8	520
8	HJW.36.1435 HJW.36.1435A	1595	1278	120	1535	1335	36	26	6	1437	1433	105	15	90	1.15	12	1655.5	134	21.9	610
9	HJW.45.1540 HJW.45.1540A	1720	1360	140	1660	1420	42	26	6	1543	1537	122	18	110	1.4	12	1780.8	144	23	732
10	HJW.45.1700 HJW.45.1700A	1875	1525	140	1815	1585	42	29	6	1703	1697	122	18	110	1.15	14	1945.4	135	26.8	844
11	HJW.45.1880 HJW.45.1880A	2100	1665	160	2030	1740	48	32	6	1883	1876	140	20	115	1.4	14	2189.8	152	27.8	1400
12	HJW.45.2115 HJW.45.2115A	2325	1900	160	2245	1980	48	32	6	2118	2112	140	20	115	1.15	16	1950.8	118	30.5	1600
13	HJW.45.2370 HJW.45.2370A	2600	2146	180	2520	2220	48	32	6	2373	2367	158	22	130	1.4	18	2707.3	146	40.7	2100
14	HJW.45.2600 HJW.45.2600A	2835	2365	180	2750	2450	54	36	6	2603	2597	158	22	130	1.15	22	2946.9	130	45.9	2400
15	HJW.50.2820 HJW.50.2820A	3085	2555	200	3000	2640	54	36	6	2823	2817	178	22	150	1.4	20	3188.4	155	52.2	3400
16	HJW.50.3120 HJW.50.3120A	3400	2840	200	3310	2930	54	36	6	3123	3117	178	22	150	1.15	25	3198.4	124	65.3	4000
17	HJW.50.3580 HJW.50.3580A	3920	3240	240	3820	3340	60	40	6	3583	3577	218	22	190	1.4	22	4036.1	179	72.7	6700
18	HJW.50.4030 HJW.50.4030A	4370	3690	240	4270	3790	66	40	6	4033	4027	218	22	190	1.4	25	4035.6	157	82.6	7700
19	HJW.50.4540 HJW.50.4540A	4860	4210	240	4760	4310	72	40	6	4543	4537	218	22	190	1.4	28	4522.4	157	68.2	8760

HJ 系列 - 内齿 Series HJ--Internal Gear

序号 No.	内齿式 Internal gear D L mm	外型尺寸 Dimensions			安装尺寸 Mounting Dimensions			结构尺寸 Structural Dimensions						齿轮参数 Gear data				齿轮圆周力 Gear circumferential force	参考 重量 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
1	HJN.20.625 HJN.20.625A	725	525	80	685	565	18	18	3	627	623	68	12	60	1.4	5	498.8	101	5.2	100
2	HJN.20.720 HJN.20.720A	820	620	80	780	660	18	18	3	722	718	68	12	60	1.15	6	496.7	84	6.2	120
3	HJN.30.820 HJN.30.820A	940	705	95	893	749	24	20	4	822	818	83	12	70	1.4	6	664.5	112	7.2	210
4	HJN.30.880 HJN.30.880A	1000	760	95	956	800	24	20	4	882	878	83	12	70	1.15	8	718.2	91	9.7	230
5	HJN.30.1020 HJN.30.1020A	1170	875	95	1120	930	24	22	4	1022	1018	80	15	70	1.4	8	830.1	70	9.7	300
6	HJN.36.1220 HJN.36.1220A	1365	1075	120	1310	1130	36	24	6	1222	1218	105	15	90	1.15	10	1027.8	104	15.7	450
7	HJN.36.1250 HJN.36.1250A	1400	1090	120	1350	1150	36	26	6	1252	1248	105	15	90	-0.35	10	1037	105	15.7	520
8	HJN.36.1435 HJN.36.1435A	1595	1278	120	1535	1335	36	26	6	1437	1433	105	15	90	1.15	12	1221.2	13	18.8	610
9	HJN.45.1540 HJN.45.1540A	1720	1360	140	1660	1420	42	26	6	1543	1537	122	18	110	1.4	12	1293.1	109	23	732
10	HJN.45.1700 HJN.45.1700A	1875	1525	140	1815	1585	42	29	6	1703	1697	122	18	110	1.15	14	1284.8	93	26.8	844
11	HJN.45.1880 HJN.45.1880A	2100	1665	160	2030	1740	48	32	6	1883	1876	140	20	115	1.4	14	1592.6	115	27.8	1400
12	HJN.45.2115 HJN.45.2115A	2325	1900	160	2245	1980	48	32	6	2118	2112	140	20	115	1.15	16	1452.7	105	30.5	1600
13	HJN.45.2370 HJN.45.2370A	2600	2146	180	2520	2220	48	32	6	2373	2367	158	22	130	1.4	18	2065.6	116	40.7	2100
14	HJN.45.2600 HJN.45.2600A	2835	2365	180	2750	2450	54	36	6	2603	2597	158	22	130	1.15	22	2040.9	94	49.7	2400
15	HJN.50.2820 HJN.50.2820A	3085	2555	200	3000	2640	54	36	6	2823	2817	178	22	150	1.4	20	2455	124	52.2	3400
16	HJN.50.3120 HJN.50.3120A	3400	2840	200	3310	2930	54	36	6	3123	3117	178	22	150	1.15	25	2444.1	99	65.3	4000
17	HJN.50.3580 HJN.50.3580A	3920	3240	240	3820	3340	60	40	6	3583	3577	218	22	190	1.4	22	2722.5	125	57.4	6700
18	HJN.50.4030 HJN.50.4030A	4370	3690	240	4270	3790	66	40	6	4033	4027	218	22	190	1.4	25	3118.8	126	82.6	7700
19	HJN.50.4540 HJN.50.4540A	4860	4210	240	4760	4310	72	40	6	4543	4537	218	22	190	1.4	28	3549	163	68.2	8760

02系列 双排球式回转支承

Series 02 Double Row Ball Slewing Bearing



结构特点、性能、适用范围

双排球式回转支承具有三个座圈，钢球和隔离块可直接排入上下滚道，根据受力状况，安排了上下两排直径不同的钢球。这种开式装配非常方便，上下圆弧滚道的承载角都为90°，能承受很大的轴向力和倾翻力矩。当径向力大于0.1倍的轴向力时滚道须特殊设计。双排球式回转支承的轴向、径向尺寸都比较大，结构紧固。特别适用于要求中等以上直径的塔式起重机，汽车起重机等装卸机械上。

注：

- 1、n1为润滑油孔数，均布；油杯M10×1 JB/T7940.1-JBT7940.2
- 2、安装孔n-dn1、n-dn2可改用螺孔；齿宽b可改为H-h。
- 3、表内齿轮圆周力为最大圆周力，额定圆周力取其1/2。
- 4、内齿修顶系数0.2。

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.

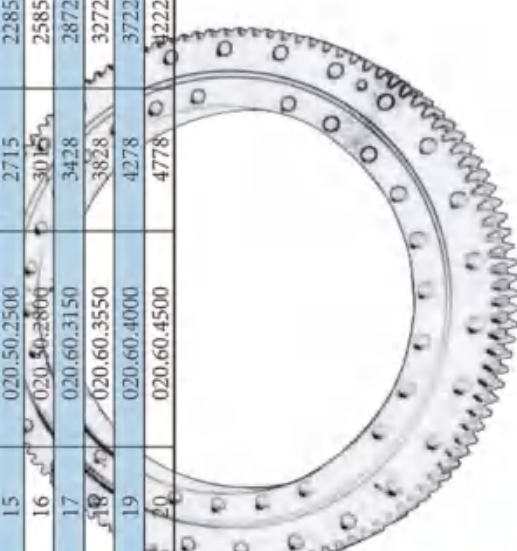
Double row different ball slewing bearing' s axial and radial size are relatively large and solid in structure, so it is specially suitable for the medium diameter tower cranes, truck mounted cranes etc. loading and unloading machinery.

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.

02系列 - 无齿 Series 02--Non Gear

序号 No.	无齿式 Non gear DL mm	外型尺寸 Dimensions		安装尺寸 Mounting Dimensions			结构尺寸 Structural Dimensions			参考重量 Weight kg	
		D mm	d mm	H mm	D1 mm	D2 mm	n mm	n1 mm	H1 mm		h mm
1	020.25.500	616	384	106	580	420	20	18	96	26	100
2	020.25.560	676	444	106	640	480	20	18	96	26	115
3	020.25.630	746	514	106	710	550	24	18	96	26	130
4	020.25.710	826	594	106	790	630	24	18	96	26	140
5	020.30.800	942	658	124	898	702	30	22	114	29	200
6	020.30.900	1042	758	124	998	802	30	22	114	29	250
7	020.30.1000	1142	858	124	1098	902	36	22	114	29	300
8	020.30.1120	1262	978	124	1218	1022	36	22	114	29	340
9	020.40.1250	1426	1074	160	1374	1126	40	26	150	39	580
10	020.40.1400	1576	1224	160	1524	1272	40	26	150	39	650
11	020.40.1600	1776	1424	160	1724	1476	45	26	150	39	750
12	020.40.1800	1976	1624	160	1924	1676	45	26	150	39	820
13	020.50.2000	2215	1785	190	2149	1851	48	33	178	47	1150
14	020.50.2240	2455	2025	190	2389	2091	48	33	178	47	1500
15	020.50.2500	2715	2285	190	2649	2351	56	33	178	47	1700
16	020.50.2800	3015	2585	190	2949	2651	56	33	178	47	1900
17	020.60.3150	3428	2872	226	3338	2962	56	45	214	56	3300
18	020.60.3550	3828	3272	226	3738	3362	56	45	214	56	3700
19	020.60.4000	4278	3722	226	4188	3812	60	45	214	56	4200
20	020.60.4500	4778	4222	226	4688	4312	60	45	214	56	4700



02 系列 - 外齿 Series 02--External gear

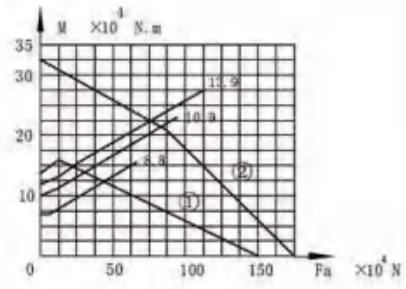
序号 No.	外齿式 External gear D.L. mm		外型尺寸 Dimensions			安装尺寸 Mounting Dimensions			结构尺寸 Structural Dimensions			齿轮参数 Gear data				齿轮圆周力 Gear circumferential force		参考重量 weight kg	
	D	d	H	D1	D2	n	mm	n1	H1	h	b	x	M	De	z	正火 Normalizing Z 104N	调质 Quenching T 104N		
1	021.25.500	616	384	106	580	420	20	18	4	96	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	22	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	3935.6	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	

02 系列 - 内齿 Series 02--Internal gear

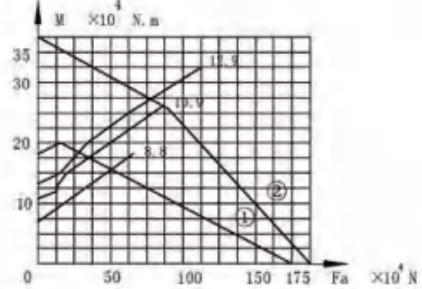
序号 No.	内齿式 Internal gear D.L. mm		外型尺寸 Dimensions			安装尺寸 Mounting Dimensions			结构尺寸 Structural Dimensions			齿轮参数 Gear data				齿轮圆周力 Gear circumferential force		参考重量 weight kg	
	D	d	H	D1	D2	n	mm	n1	H1	h	b	x	M	De	z	正火 Normalizing Z 104N	调质 Quenching T 104N		
1	023.25.500	616	384	106	580	420	20	18	4	96	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	1935.2	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	

02系列负载曲线图

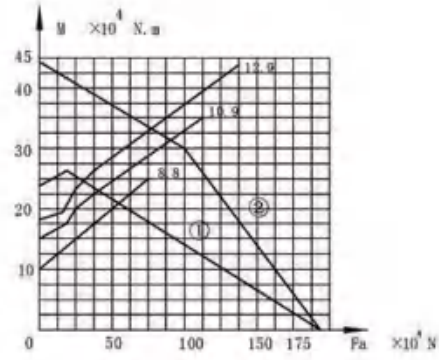
Series 02 Load Chart



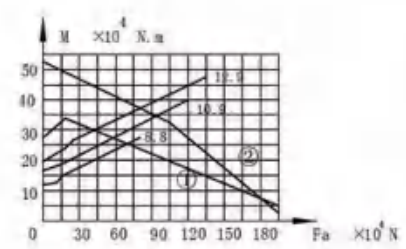
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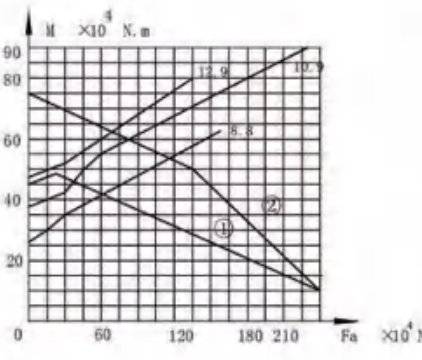
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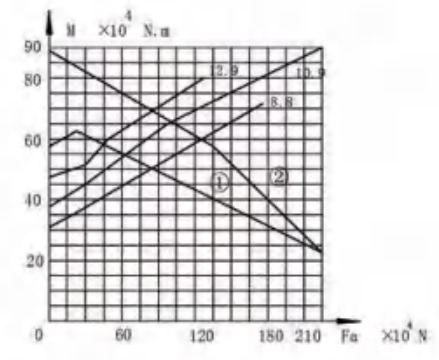
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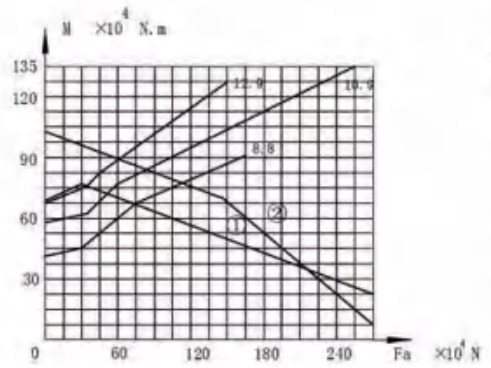
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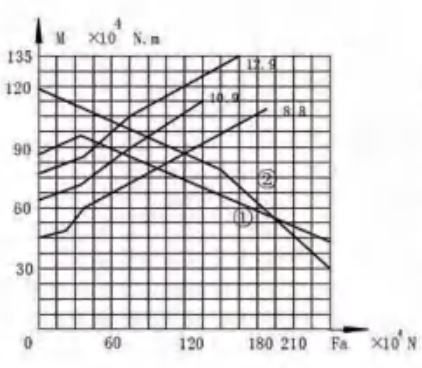
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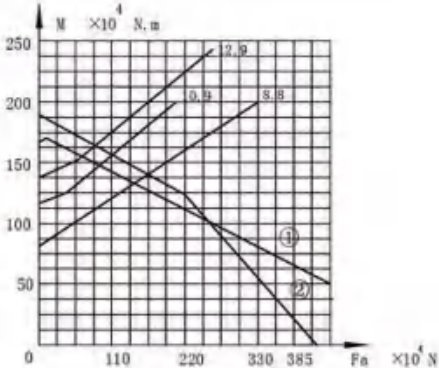
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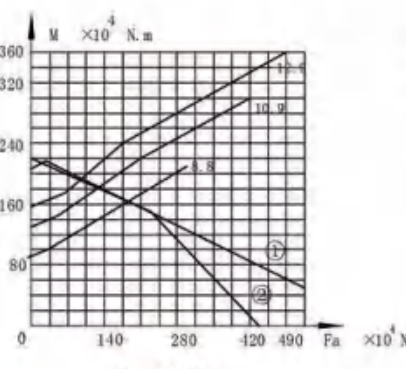
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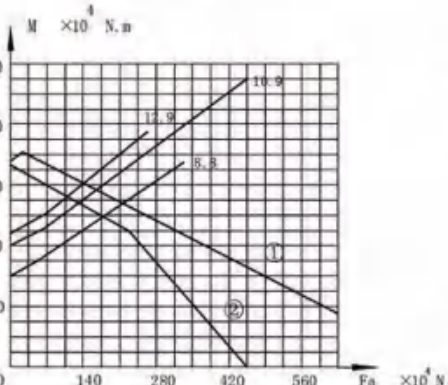
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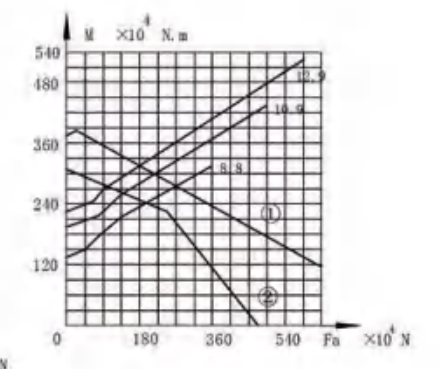
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02.40.1400



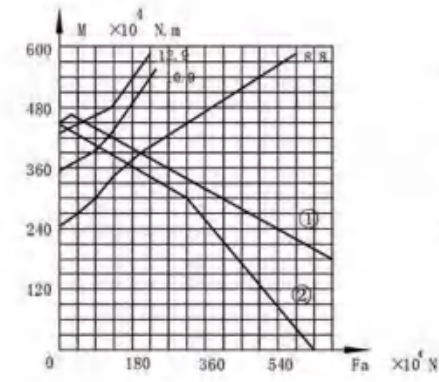
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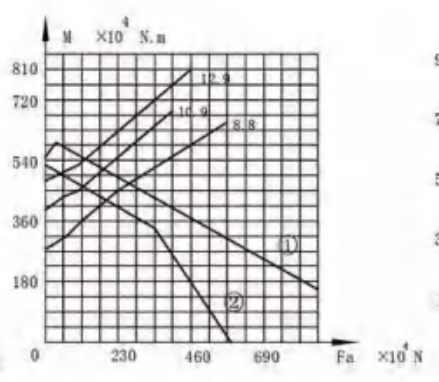
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02系列负载曲线图

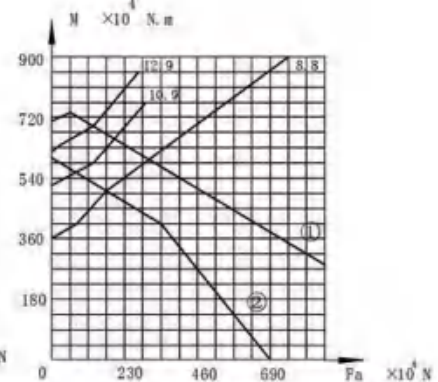
Series 02 Load Chart



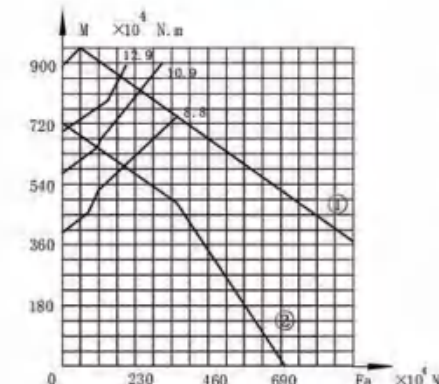
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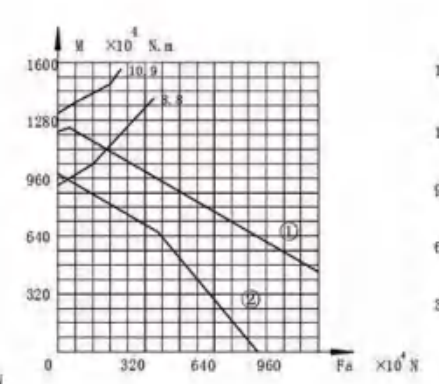
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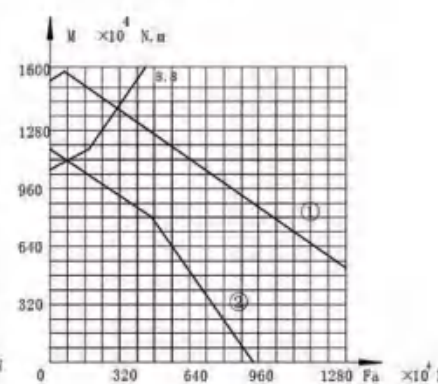
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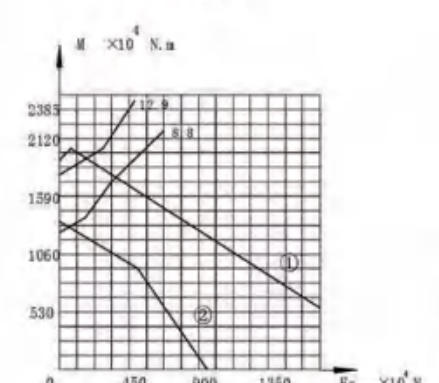
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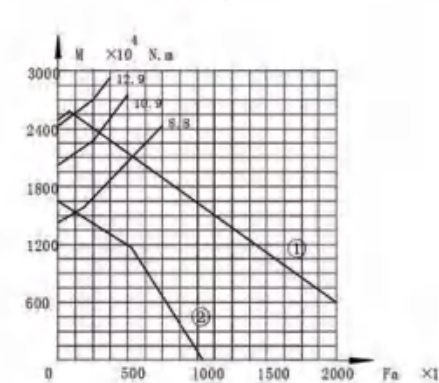
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02.60.3550



02.60.4000

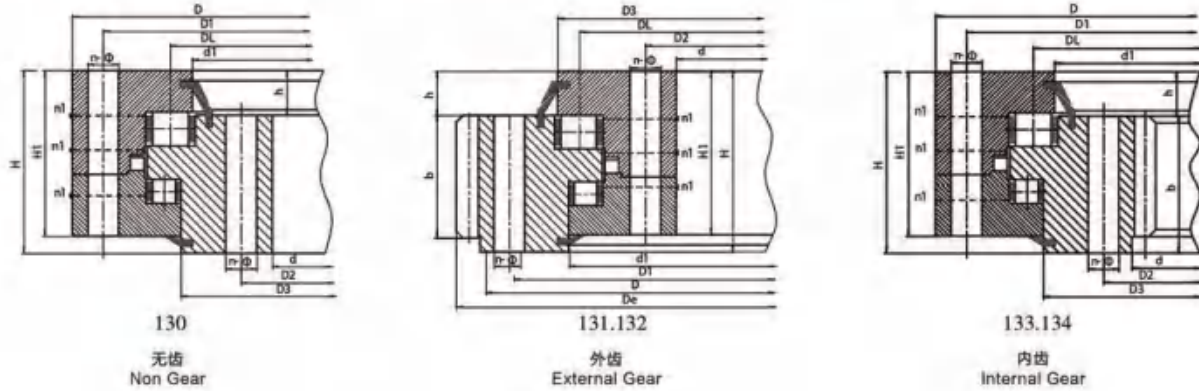


02.66.4500

13系列

13系列 三排滚柱式回转支承

Series 13 Three Row Roller Slewing Bearing



结构特点、性能、适用范围

三排滚柱式回转支承有三个座圈，上下及径向滚道各自分开，使得每一排滚柱的负载都能确切地加以确定。能够同时承受各种载荷，是四种产品中承载能力最大的一种，轴、径向尺寸都较大，结构牢固，特别适用于要求较大直径的重型机械，如斗轮式挖掘机、轮式起重机、船用起重机、港口起重机、钢水运转台及大吨位汽车起重机等机械上。

注：

- 1、n1为润滑油孔数，均布；油杯M10×1 JB/T7940.1~JB/T7940.2
- 2、安装孔n-dn1、n-dn2可改用螺孔；齿宽b可改为H-h。
- 3、表内齿圆周力为最大圆周力，额定圆周力取其1/2。
- 4、内齿修顶系数为0.2。

Characteristic of structure, performance and application

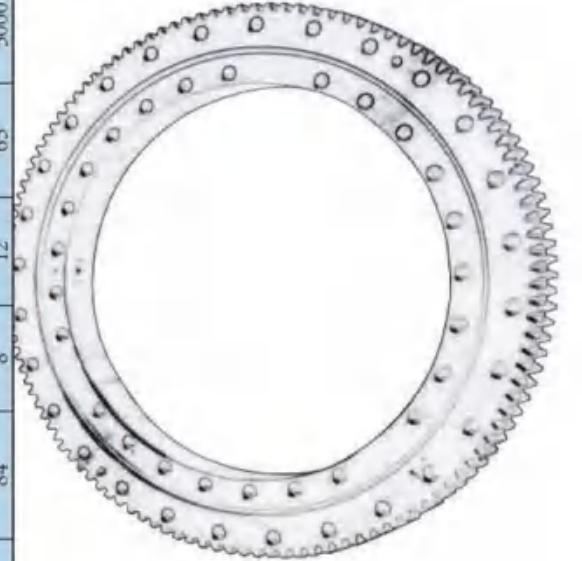
The three row roller slewing bearing has three seat rings, which separate the upper, lower and radial raceways, it made each row of the roller's load capacity can be specified and can bear different loads simultaneously. The capacity load is the largest one compare with the other three models. Due to 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.

Note:

1. n1 is the number of lubricating holes. Oil cup M10×1 JB/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.

13系列 - 无齿 Series 13--Non Gear

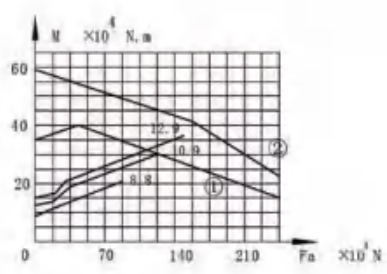
序号 No.	无齿式 Non gear DL mm	外型尺寸			Dimensions			安装尺寸 Mounting Dimensions				结构尺寸 Structural Dimensions			参考重量 Weight kg
		D mm	d mm	H mm	D1 mm	D2 mm	n	φ mm	dm mm	L mm	n1 mm	H1 mm	h mm		
1	130.25.500	634	366	148	598	402	24	18	M16	32	4	10	32	224	
2	130.25.560	694	426	148	658	462	24	18	M16	32	4	10	32	240	
3	130.25.630	764	496	148	728	532	28	18	M16	32	4	10	32	270	
4	130.25.710	844	576	148	808	612	28	18	M16	32	4	10	32	300	
5	130.32.800	964	636	182	920	680	36	22	M20	40	4	10	40	500	
6	130.32.900	1064	736	182	1020	780	36	22	M20	40	4	10	40	600	
7	130.32.1000	1164	836	182	1120	880	40	22	M20	40	5	10	40	680	
8	130.32.1120	1284	956	182	1240	1000	40	22	M20	40	5	10	40	820	
9	130.40.1250	1445	1055	220	1393	1107	45	26	M24	48	5	10	50	1200	
10	130.40.1400	1595	1205	220	1543	1257	45	26	M24	48	5	10	50	1300	
11	130.40.1600	1795	1405	220	1743	1457	48	26	M24	48	6	10	50	1520	
12	130.40.1800	1995	1605	220	1943	1657	48	26	M24	48	6	10	50	1750	
13	130.45.2000	2221	1779	231	2155	1845	60	33	M30	60	6	12	54	2400	
14	130.45.2240	2461	2019	231	2395	2085	60	33	M30	60	6	12	54	2700	
15	130.45.2500	2721	2279	231	2655	2345	72	33	M30	60	8	12	54	3000	
16	130.45.2800	3021	2579	231	2955	2645	72	33	M30	60	8	12	54	3400	
17	130.50.3150	3432	2868	270	3342	2958	72	45	M42	84	8	12	65	5000	



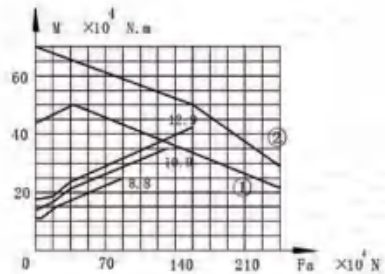
13系列负载曲线图

13系列负载曲线图

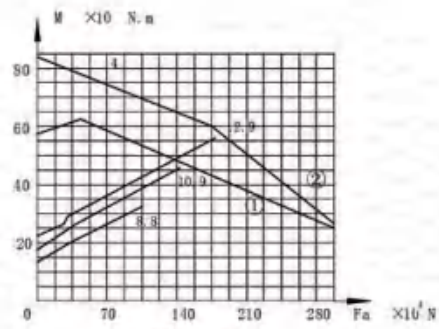
Series 13 Load Chart



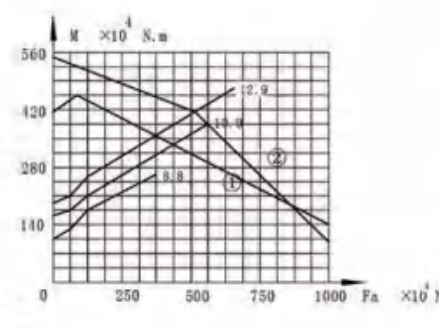
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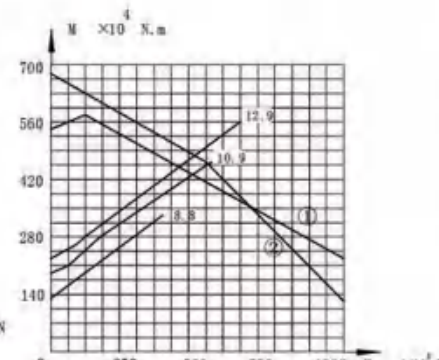
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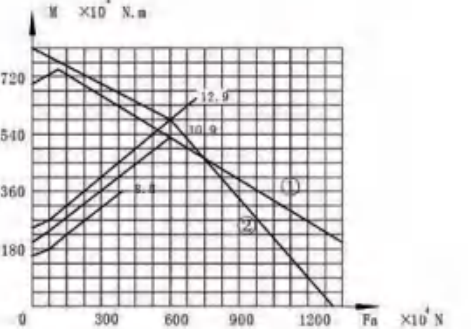
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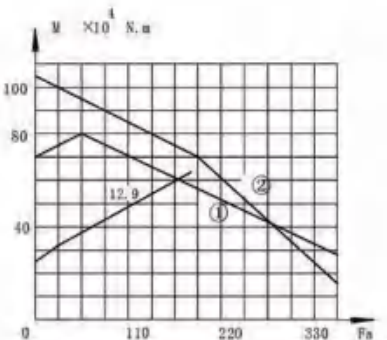
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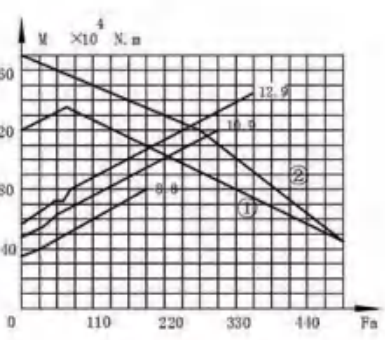
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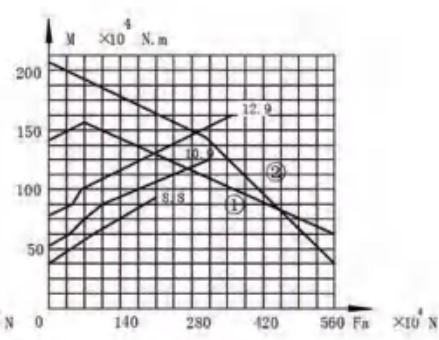
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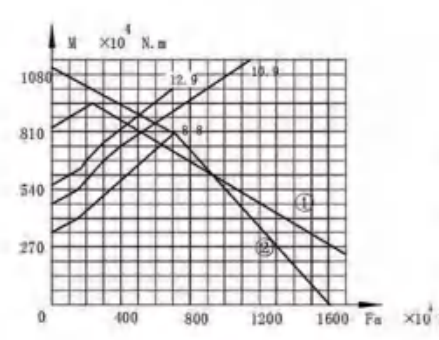
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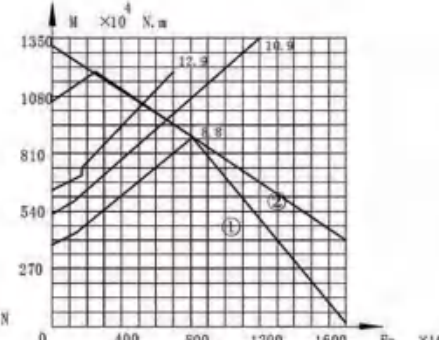
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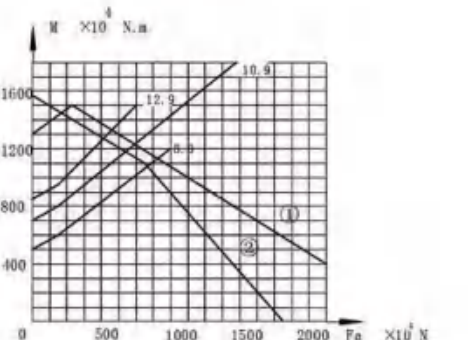
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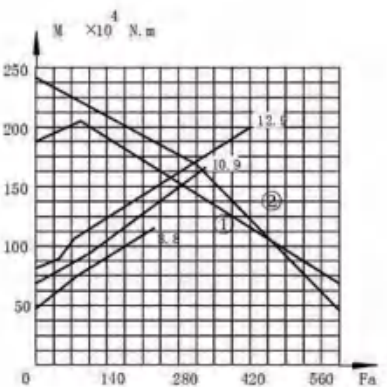
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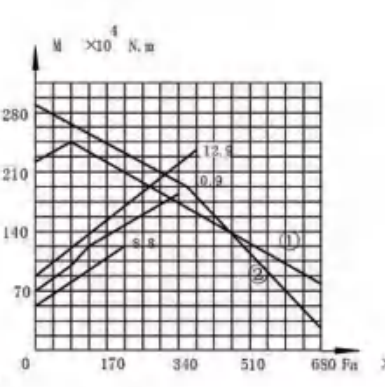
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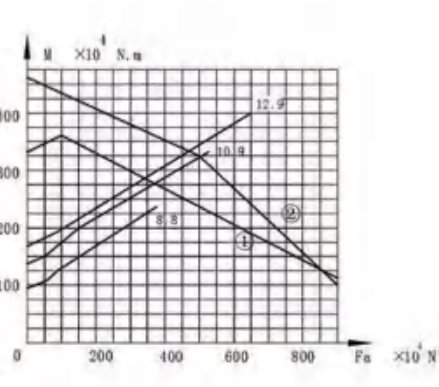
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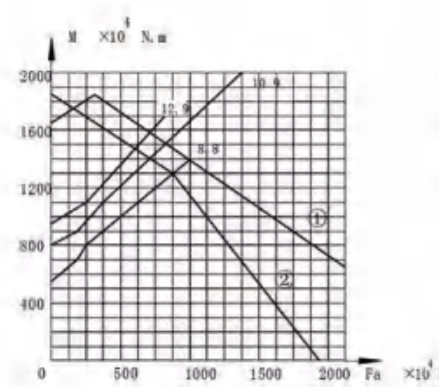
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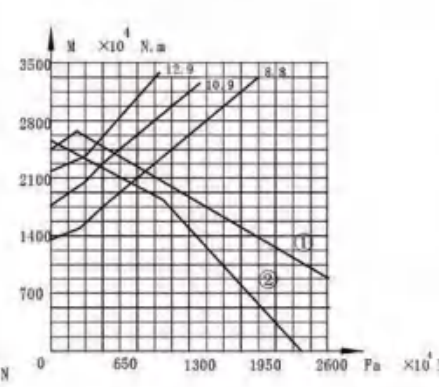
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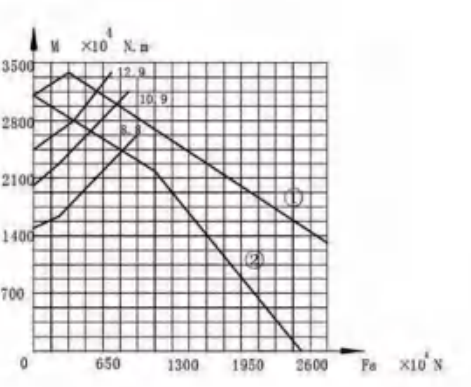
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13.45.2800

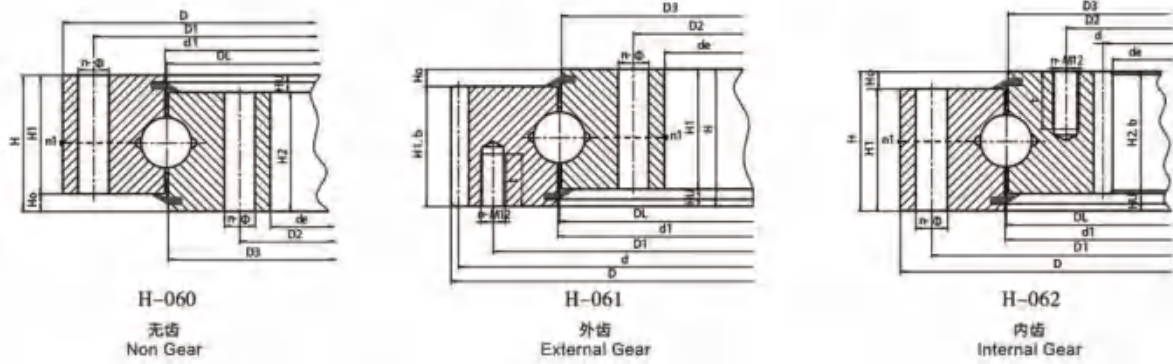


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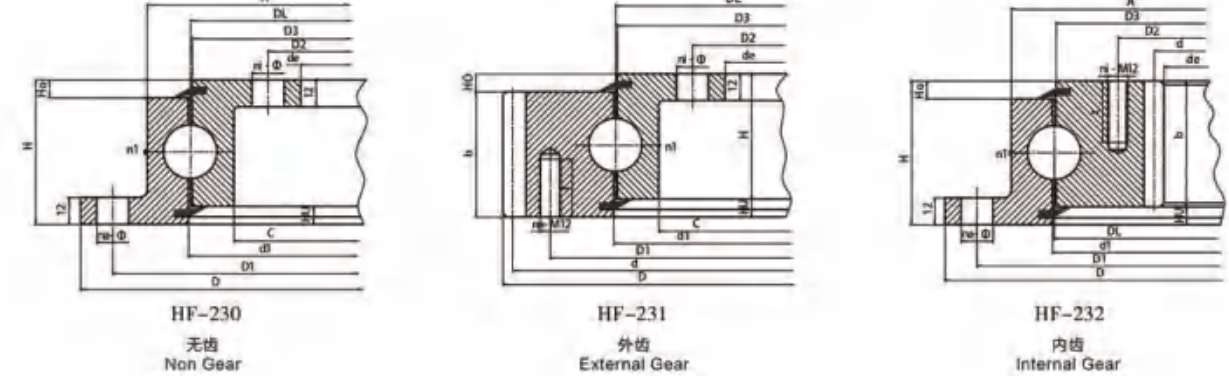


13.50.3550

轻型系列
Light Type



法兰系列
Flange Type



轻型系列 - 无齿 Series Light Type--Non Gear

型号 Model DL	重量 Weight kg	外形尺寸 Dimensions			安装尺寸 Mounting Dimension					结构尺寸 Structural dimension						轴承间隙 Clearance		
		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]	轴向 Axial	径向 Radial
H-060.20.0414	29	486	342	56	460	368	24	13.5	12	-	412.5	115.5	45.5	45.5	10.5	10.5	≤ 0.28	≤ 0.24
H-060.20.0544	37	616	472	56	590	498	32	13.5	12	-	542.5	145.5	45.5	45.5	10.5	10.5	≤ 0.30	≤ 0.26
H-060.20.0644	44	716	572	56	690	598	36	13.5	12	-	642.5	165.5	45.5	45.5	10.5	10.5	≤ 0.30	≤ 0.26
H-060.20.0744	52	816	672	56	790	698	40	13.5	12	-	742.5	185.5	45.5	45.5	10.5	10.5	≤ 0.30	≤ 0.26
H-060.20.0844	60	916	772	56	890	798	44	13.5	12	-	842.5	205.5	45.5	45.5	10.5	10.5	≤ 0.30	≤ 0.26
H-060.20.0944	67	1016	872	56	990	898	48	13.5	12	-	942.5	225.5	45.5	45.5	10.5	10.5	≤ 0.30	≤ 0.26
H-060.20.1094	77	1166	1022	56	1140	1048	48	13.5	12	-	1092.5	245.5	45.5	45.5	10.5	10.5	≤ 0.30	≤ 0.26

法兰系列 - 无齿 Series Flange Type--Non Gear

型号 Model DL	重量 Weight kg	外形尺寸 Dimensions			安装尺寸 Mounting Dimension					结构尺寸 Structural dimension						轴承间隙 Clearance				
		D [mm]	de [mm]	H [mm]	D1 [mm]	D2 [mm]	na	Φ/M [mm]	ni	Φ/M [mm]	T [mm]	n1	D3 [mm]	d1 [mm]	A [mm]	C [mm]	Hu [mm]	Ho [mm]	轴向 Axial	径向 Radial
HF-230.20.0414	23	518	304	66	490	332	16	18	24	18	-	412.5	115.5	45.5	375	375	10.5	10.5	≤ 0.5	≤ 0.5
HF-230.20.0544	30.4	648	434	66	620	462	20	18	28	18	-	542.5	145.5	45.5	583	505	10.5	10.5	≤ 0.5	≤ 0.5
HF-230.20.0644	35.8	748	534	66	720	562	24	18	32	18	-	642.5	165.5	45.5	695	605	10.5	10.5	≤ 0.5	≤ 0.5
HF-230.20.0744	42.2	848	634	66	820	662	24	18	32	18	-	742.5	185.5	45.5	783	705	10.5	10.5	≤ 0.5	≤ 0.5
HF-230.20.0844	47.1	948	734	66	920	762	28	18	36	18	-	842.5	205.5	45.5	893	805	10.5	10.5	≤ 0.5	≤ 0.5
HF-230.20.0944	52.3	1048	834	66	1020	862	32	18	40	18	-	942.5	225.5	45.5	983	905	10.5	10.5	≤ 0.5	≤ 0.5
HF-230.20.1094	61.1	1198	934	66	1170	1012	32	18	40	18	-	1092.5	245.5	45.5	1133	1055	10.5	10.5	≤ 0.5	≤ 0.5

轻型系列 - 外齿 Series Light Type--External Gear

型号 Model DL	重量 Weight kg	外形尺寸 Dimensions			安装尺寸 Mounting Dimension					结构尺寸 Structural dimension						齿轮参数 Gear Data		表轮周力 Gear Interferential force		轴承间隙 Clearance					
		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	a	k.m	b	允许 圆周力 Allowed [kN]	最大允许 圆周力 Max [kN]	轴向 Axial	径向 Radial	
H-061.20.0414	31	504	342	56	455	368	20/24	13.5	12	20	412.5	115.5	45.5	45.5	10.5	10.5	496	5	99	-0.5	45.5	11.75	23.5	≤ 0.28	≤ 0.24
H-061.20.0544	43	640.8	472	56	585	498	28/32	13.5	12	20	542.5	145.5	45.5	45.5	10.5	10.5	630	6	105	-0.6	45.5	14.2	28.4	≤ 0.30	≤ 0.26
H-061.20.0644	52	742.8	572	56	685	598	32/36	13.5	12	20	642.5	165.5	45.5	45.5	10.5	10.5	732	8	122	-0.6	45.5	11.2	28.4	≤ 0.30	≤ 0.26
H-061.20.0744	59	838.8	672	56	785	698	36/40	13.5	12	20	742.5	185.5	45.5	45.5	10.5	10.5	828	6	138	-0.6	45.5	14.2	28.4	≤ 0.30	≤ 0.26
H-061.20.0844	71	950.4	772	56	895	798	36/40	13.5	12	20	842.5	205.5	45.5	45.5	10.5	10.5	936	8	117	-0.8	45.5	18.93	37.86	≤ 0.30	≤ 0.26
H-061.20.0944	77	1046.4	872	56	985	898	40/44	13.5	12	20	942.5	225.5	45.5	45.5	10.5	10.5	1032	8	129	-0.8	45.5	18.93	37.86	≤ 0.30	≤ 0.26
H-061.20.1094	91	1196.4	1022	56	1135	1048	44/48	13.5	12	20	1092.5	245.5	45.5	45.5	10.5	10.5	1184	8	149	-0.8	45.5	18.93	37.86	≤ 0.30	≤ 0.26

法兰系列 - 外齿 Series Flange Type--External Gear

型号 Model DL	重量 Weight kg	外形尺寸 Dimensions			安装尺寸 Mounting Dimension					结构尺寸 Structural dimension						齿轮参数 Gear Data		允许 圆周力 Allowed [kN]	最大允许 圆周力 Max [kN]	轴承间隙 Clearance					
		D [mm]	de [mm]	H [mm]	D1 [mm]	D2 [mm]	na	Φ/M [mm]	ni	Φ/M [mm]	t [mm]	n1	D3 [mm]	d1 [mm]	A [mm]	C [mm]	Hu [mm]			Ho [mm]	轴向 Axial	径向 Radial			
HF-231.20.0414	29	504	304	66	455	332	10	M12	24	18	20	412.5	115.5	45.5	375	375	10.5	85	5	99	-0.5	11.75	23.5	≤ 0.5	≤ 0.5
HF-231.20.0544	39.2	640.8	434	66	585	462	14	M12	28	18	20	542.5	145.5	45.5	505	505	10.5	630	6	105	-0.5	14.2	28.4	≤ 0.5	≤ 0.5
HF-231.20.0644	47.2	742.8	534	66	685	562	16	M12	32	18	20	642.5	165.5	45.5	605	605	10.5	732	8	122	-0.6	14.2	28.4	≤ 0.5	≤ 0.5
HF-231.20.0744	53.1	838.8	634	66	785	662	18	M12	32	18	20	742.5	185.5	45.5	705	705	10.5	828	6	138	-0.6	14.2	28.4	≤ 0.5	≤ 0.5
HF-231.20.0844	64.7	950.4	734	66	885	762	18	M12	36	18	20	842.5	205.5	45.5	805	805	10.5	936	8	117	-0.8	18.93	37.86	≤ 0.5	≤ 0.5
HF-231.20.0944	69.1	1046.4	834	66	985	862	20	M12	40	18	20	942.5	225.5	45.5	905	905	10.5	1032	8	129	-0.8	18.93	37.86	≤ 0.5	≤ 0.5
HF-231.20.1094	82.5	1196.4	934	66	1135	1012	22	M12	40	18	20	1092.5	245.5	45.5	1055	1055	10.5	1184	8	149	-0.8	18.93	37.86	≤ 0.5	≤ 0.5

轻型系列 - 内齿 Series Light Type--Internal Gear

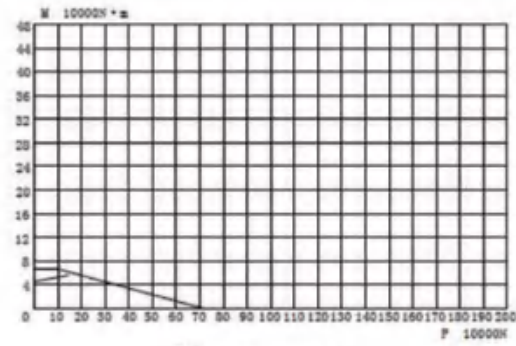
型号 Model DL	重量 Weight kg	外形尺寸 Dimensions			安装尺寸 Mounting Dimension					结构尺寸 Structural dimension						齿轮参数 Gear Data		表轮周力 Gear Interferential force		轴承间隙 Clearance					
		D [mm]	de [mm]	H [mm]	D1 [mm]	D2 [mm]	n	Φ [mm]	M [mm]	t	D3 [mm]	d1 [mm]	H1 [mm]	H2 [mm]	Hu [mm]	Ho [mm]	d	a	k.m	b	允许 圆周力 Allowed [kN]	最大允许 圆周力 Max [kN]	轴向 Axial	径向 Radial	
H-062.20.0414	31	486	326.5	56	460	375	24	13.5	12	20	415.5	112.5	45.5	45.5	10.5	10.5	357	5	67	-0.75	45.5	13.61	27.06	≤ 0.28	≤ 0.24
H-062.20.0544	42	616	445.2	56	590	505	32	13.5	12	20	545.5	142.5	45.5	45.5	10.5	10.5	456	6	76	-0.6	45.5	16	32	≤ 0.30	≤ 0.26
H-062.20.0644	50	716	517.2	56	690	605	36	13.5	12	20	645.5	162.5	45.5	45.5	10.5	10.5	558	8	93	-0.6	45.5	15.62	31.24	≤ 0.30	≤ 0.26
H-062.20.0744	58	816	649.2	56	790	705	40	13.5	12	20	745.5	182.5	45.5	45.5	10.5	10.5	660	6	110	-0.6	45.5	15.32	30.64	≤ 0.30	≤ 0.26
H-062.20.0844	69	916	737.6	56	890	805	44	13.5	12	20	845.5	202.5	45.5	45.5	10.5	10.5	752	8	94	-0.8	45.5	20.8	41.6	≤ 0.30	≤ 0.26
H-062.20.0944	76	1016	841.6	56	990	905	48	13.5	12	20	945.5	222.5	45.5	45.5	10.5	10.5	856	8	107	-0.8	45.5	20.49	40.98	≤ 0.30	≤ 0.26
H-062.20.1094	91	1166	985.6	56	1140	1055	48	13.5	12	20	1095.5	242.5	45.5	45.5	10.5	10.5	1000	8	125	-0.8	45.5	20.16	40.32	≤ 0.30	≤ 0.26

法兰系列 - 内齿 Series Flange Type--Internal Gear

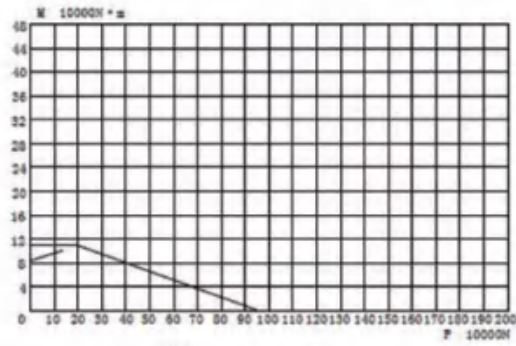
型号 Model DL	重量 Weight kg	外形尺寸 Dimensions			安装尺寸 Mounting Dimension					结构尺寸 Structural dimension						齿轮参数 Gear Data		允许 圆周力 Allowed [kN]	最大允许 圆周力 Max [kN]	轴承间隙 Clearance						
		D [mm]	de [mm]	H [mm]	D1 [mm]	D2 [mm]	na	Φ/M [mm]	ni	Φ/M [mm]	t [mm]	n1	D3 [mm]	d1 [mm]	A [mm]	C [mm]	Hu [mm]			Ho [mm]	轴向 Axial	径向 Radial				
HF-232.20.0414	26.9	518	326.5	66	490	375	16	18	12	M12	30	412.5	115.5	45.5	336	336	10.5	67	15.6	-0.75	13.54	27.06	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
HF-232.20.0544	36.7	648	445.2	66	620	505	20	18	16	M12	30	542.5	145.5	45.5	505	505	10.5	76	16.6	-0.6	16	32	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
HF-232.20.0644	43.4	748	547.2	66	720	605	24	18	16	M12	30	642.5	165.5	45.5	605	605	10.5	93	16.6	-0.6	15.62	31.24	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
HF-232.20.0744	50.8	848	649.2	66	820	705	24	18	20	M12	30	742.5	185.5	45.5	705											

轻型系列负载曲线图
Light Type Load Chart

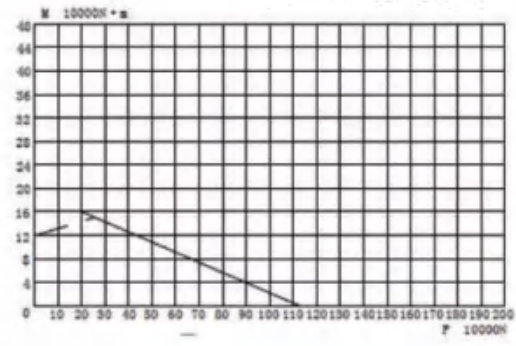
法兰系列负载曲线图
Flange Type Load Chart



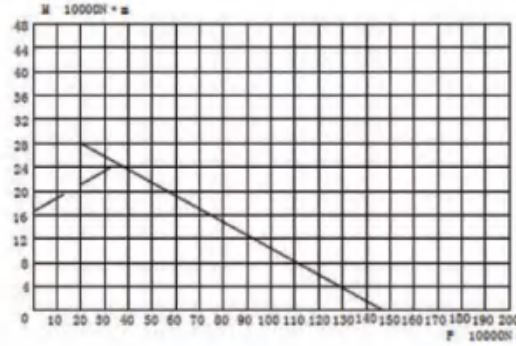
图一 06.20.0414



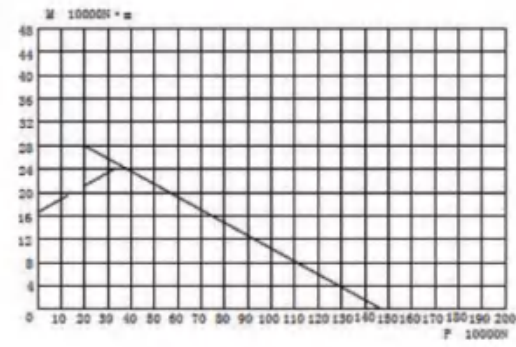
图二 06.20.0544



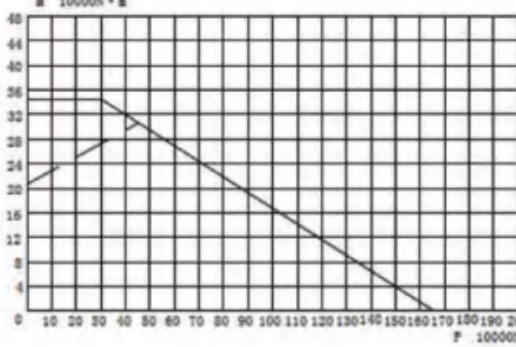
图三 06.20.0644



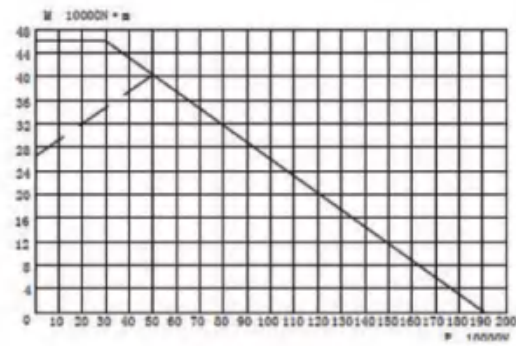
图五 06.20.0744



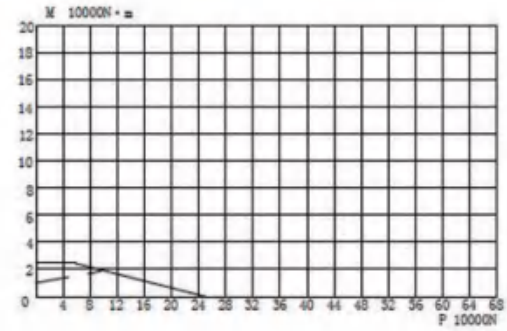
图五 06.20.0844



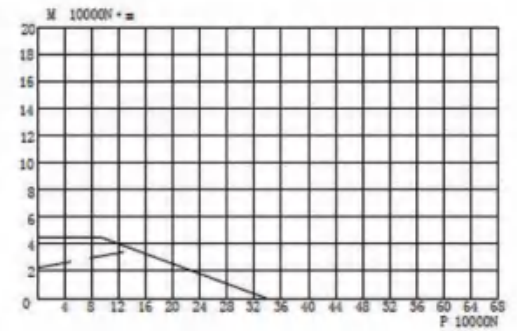
图六 06.20.944



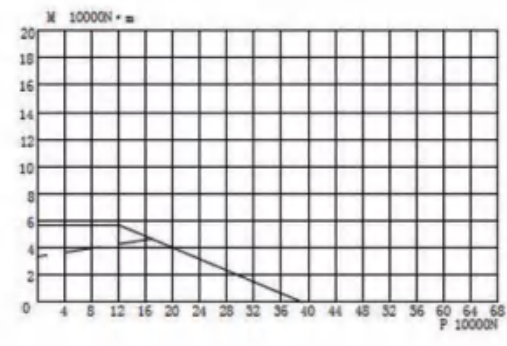
图七 06.20.1094



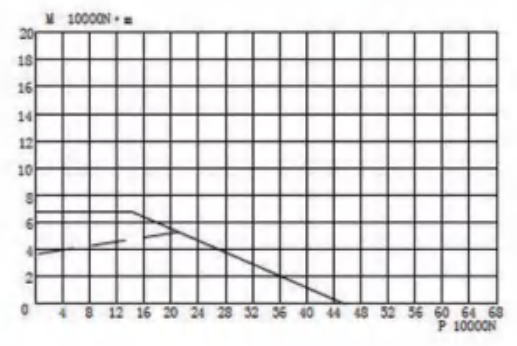
图一 23.20.0414



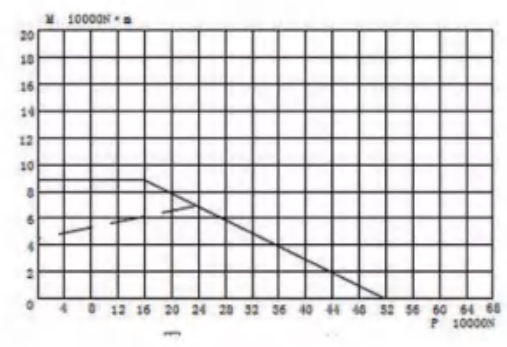
图二 23.20.0544



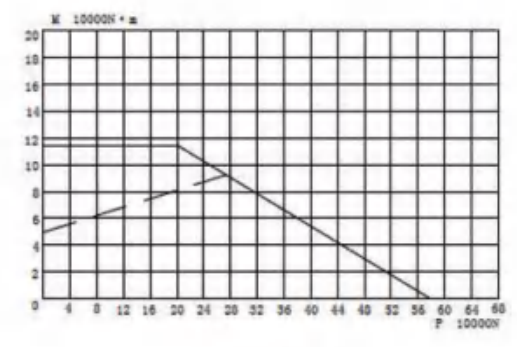
图三 23.20.0644



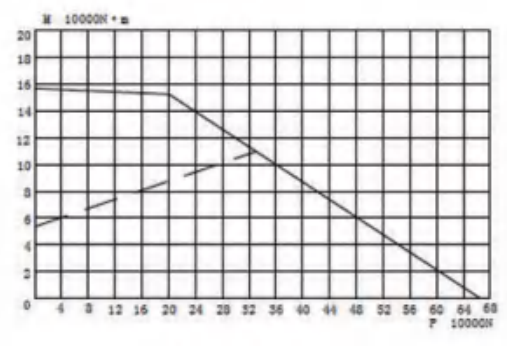
图四 23.20.0744



图五 23.20.0844



图六 23.20.0944



图五 23.20.1094

产品图片

Product Pictures



设备一览

Equipment List



应用领域

Application Area



船用起重机
Ship Crane



堆取料机
Stacker and Reclaimer



盾构机
Shield Machine



风力发电
Wind Power



钢包回转台
Ladle Turret



摩天轮
Ferris wheel



汽车起重机
Truck Crane



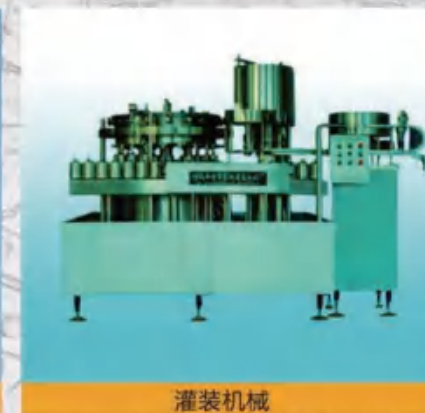
港口起重机
Port Crane



挖掘机
Excavator



塔吊
Tower Crane



灌装机械
Filling Machine



海洋平台起重机
Sea Crane