

认识回转支承

cognition slewing bearing

1、回转支承的基本结构 slewing bearing structure

回转支承的形式很多，但其结构组成基本大同小异，图 1 是回转支承的基本结构。

A lot of types of slewing bearings, but the structure composed looks same, figure 1 is the basic structure for slewing bearing

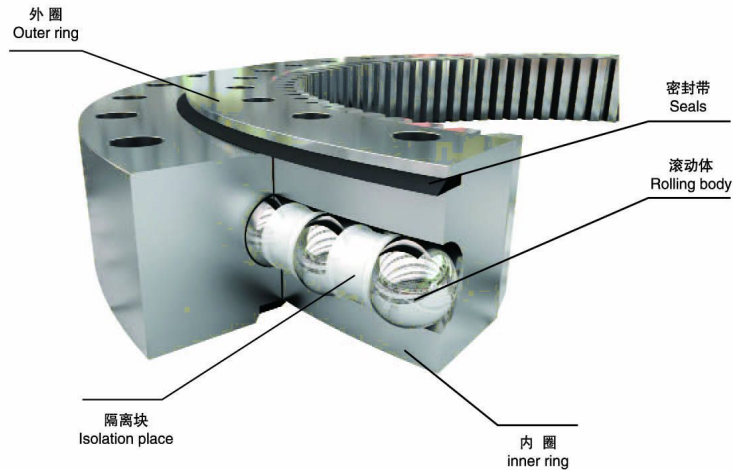
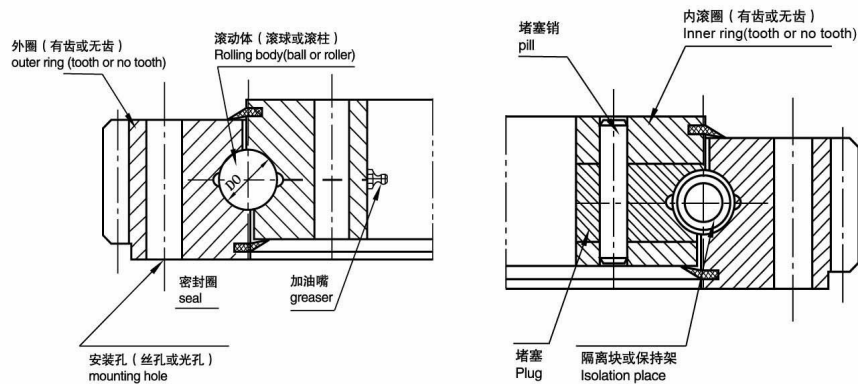


图 1



单排交叉滚柱式回转支承
Single-row crossed roller series



单排四点接触球式回转支承
Single-row four point contact ball series



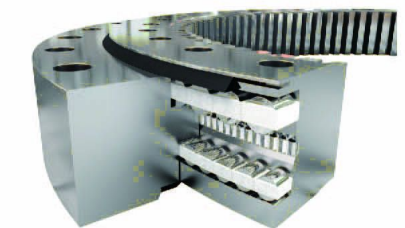
双列球式回转支承
Double Row Eight-Point Contact Ball Bearings



双排异径球式回转支承
Double-row ball series



球柱联合式回转支承
Roller and ball combination series



三排滚柱式回转支承
Three-row roller series

5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数

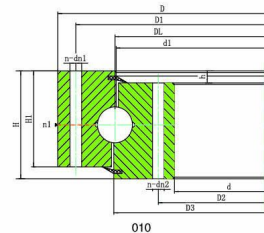
Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters



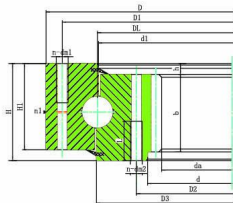
单排四点接触球式回转支承 (O1 系列)

Single-row four point contact ball type slewing bearing

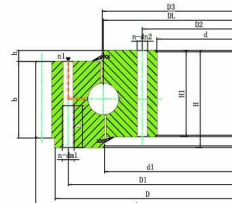
		外形尺寸			安装孔尺寸							结构尺寸				齿轮参数		外齿参数		内齿参数	
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	d _{a1} d _{a2} (mm)	L (mm)	n	n ₁	D ₃ (mm)	d ₁ (mm)	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z
01.20.200	1	280	120	60	248	152	16	M14	28	12	2	201	199	50	10	40	3	300	98	—	—
01.20.221	2	304	144	60	272	176	16	M14	28	12	2	225	223	50	10	40	3	321	105	—	—
01.20.250	3	330	170	60	298	202	16	M14	28	18	2	251	249	50	10	40	4	352	86	—	—
01.20.280	4	360	200	60	328	232	16	M14	28	18	2	281	279	50	10	40	4	384	94	—	—
01.25.315	5	408	222	70	372	258	18	M16	32	20	2	316	314	60	10	50	5	435	85	190	40
01.25.355	6	448	262	70	412	298	18	M16	32	20	2	356	354	60	10	50	5	475	93	235	49



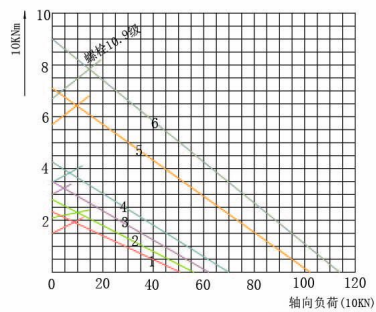
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5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数

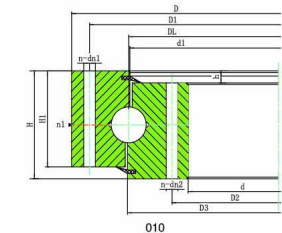
Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters



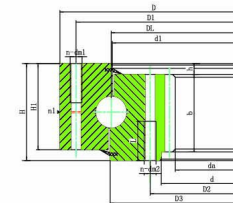
单排四点接触球式回转支承 (O1 系列)

Single-row four point contact ball type slewing bearing

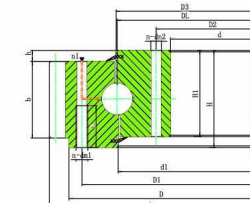
		外形尺寸			安装孔尺寸							结构尺寸					齿轮参数		外齿参数		内齿参数		
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	d _{a2} (mm)	L (mm)	n	n ₁	D ₃ (mm)	d ₁ (mm)	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z		
01.25.400	7	493	307	70	457	343	18	M16	32	20	2	401	399	60	10	50	6	528	86	276	48		
01.25.450	8	543	357	70	507	393	18	M16	32	20	2	451	449	60	10	50	6	576	94	324	56		
01.30.500	9	602	398	80	566	434	18	M16	32	20	4	501	498	70	10	60	5	629	628.8	123	367	74	62
01.25.500	10	602	398	80	566	434	18	M16	32	20	4	501	499	70	10	60	5	629	628.8	123	367	74	62
01.30.560	11	662	458	80	626	494	18	M16	32	20	4	561	558	70	10	60	5	689	688.8	135	427	86	72
01.25.560	12	662	458	80	626	494	18	M16	32	20	4	561	559	70	10	60	5	689	688.8	135	427	86	72



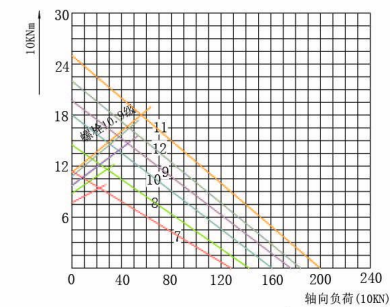
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5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数

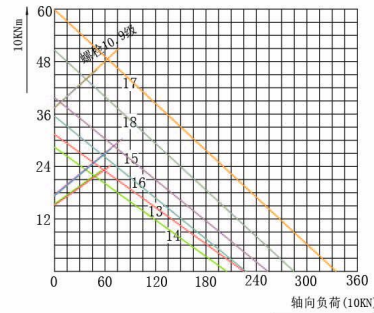
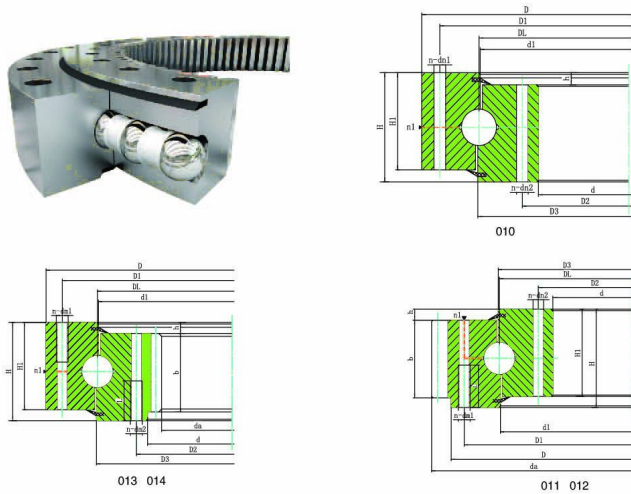
Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters



单排四点接触球式回转支承 (01 系列)

Single-row four point contact ball type slewing bearing

		外形尺寸			安装孔尺寸							结构尺寸				齿轮参数		外形参数		齿数参数	
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	d _{a2} (mm)	L (mm)	n	n ₁	D ₃ (mm)	d ₁ (mm)	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z
01.30.630	13	732	528	80	696	564	18	M16	32	24	4	631	628	70	10	60	8	772.8 774.4	126 94	494.4 491.2	83 62
01.25.630	14	732	528	80	696	564	18	M16	32	24	4	631	629	70	10	60	8	772.8 774.4	126 94	494.4 491.2	83 62
01.30.710	15	812	608	80	776	644	18	M16	32	24	4	711	708	70	10	60	8	850.8 854.4	139 104	572.4 571.2	96 72
01.25.710	16	812	608	80	776	644	18	M16	32	24	4	711	709	70	10	60	8	850.8 854.4	139 104	572.4 571.2	96 72
01.40.800	17	922	678	100	878	722	22	M20	40	40	6	801	798	90	10	80	8	966.4 968	118 94	635.2 634	80 64
01.30.800	18	922	678	100	878	722	22	M20	40	40	6	801	798	90	10	80	8	966.4 968	118 94	635.2 634	80 64



5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数

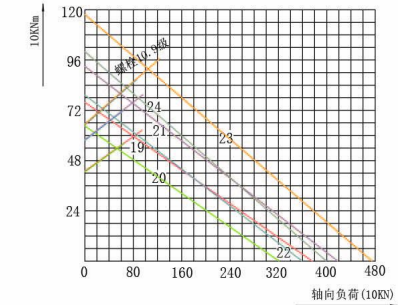
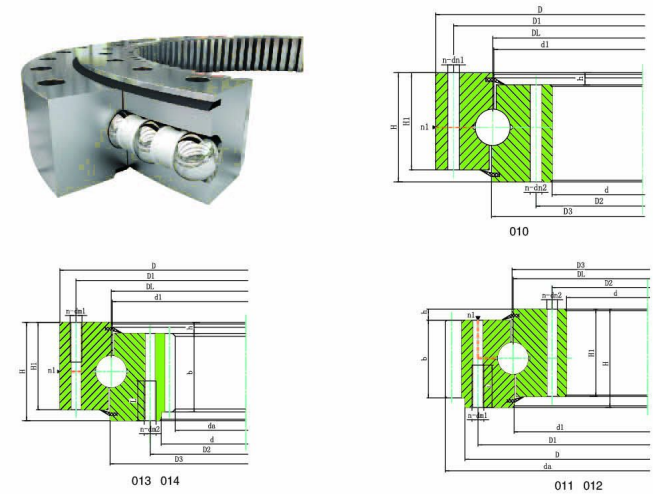
Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters



单排四点接触球式回转支承 (01 系列)

Single-row four point contact ball type slewing bearing

		外形尺寸			安装孔尺寸						结构尺寸				齿形参数		外形参数		齿形参数		
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	d _{m1} d _{m2} (mm)	L (mm)	n	n ₁	D ₃ (mm)	d ₁ (mm)	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z
01.40.900	19	1022	778	100	978	822	22	M20	40	30	6	901	898	90	10	80	$\frac{8}{10}$ 1062.4 1068	130 104	739.2 734	93 74	
01.30.900	20	1022	778	100	978	822	22	M20	40	30	6	901	898	90	10	80	$\frac{8}{10}$ 1062.4 1068	130 104	739.2 734	93 74	
01.40.1000	21	1122	878	100	1078	922	22	M20	40	36	6	1001	998	90	10	80	$\frac{10}{12}$ 1188 1185.6	116 96	824 820.8	83 69	
01.30.1000	22	1122	878	100	1078	922	22	M20	40	36	6	1001	998	90	10	80	$\frac{10}{12}$ 1188 1185.6	116 96	824 820.8	83 69	
01.40.1120	23	1242	998	100	1198	1042	22	M20	40	36	6	1121	1118	90	10	80	$\frac{10}{12}$ 1298 1305.6	127 106	944 940.8	95 79	
01.30.1120	24	1242	998	100	1198	1042	22	M20	40	36	6	1121	1118	90	10	80	$\frac{10}{12}$ 1298 1305.6	127 106	944 940.8	95 79	



5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数

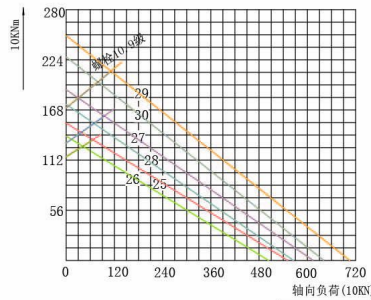
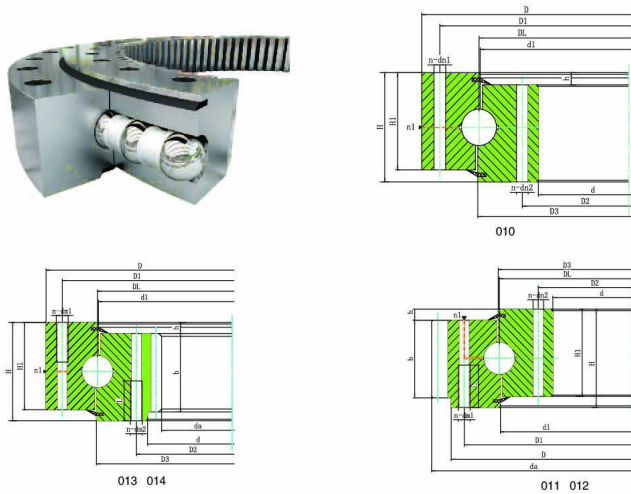
Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters



单排四点接触球式回转支承 (01 系列)

Single-row four point contact ball type slewing bearing

		外形尺寸			安装孔尺寸							结构尺寸				齿圈参数			外形参数		内齿参数	
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} (mm)	d _{a2} (mm)	L (mm)	n	n ₁	D ₃ (mm)	d ₁ (mm)	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z	
01.45.1250	25	1390	1110	110	1337	1163	26	M24	48	40	5	1252	1248	100	10	90	12 14	1449.6 1453.2	118 101	1048.8 1041.6	88 75	
01.35.1250	26	1390	1110	110	1337	1163	26	M24	48	40	5	1251	1248	100	10	90	12 14	1449.6 1453.2	118 101	1048.8 1041.6	88 75	
01.45.1400	27	1540	1260	110	1487	1313	26	M24	48	40	5	1402	1398	100	10	90	12 14	1605.6 1607.2	131 112	1192.8 1195.6	100 86	
01.35.1400	28	1540	1260	110	1487	1313	26	M24	48	40	5	1401	1398	100	10	90	12 14	1605.6 1607.2	131 112	1192.8 1195.6	100 86	
01.45.1600	29	1740	1460	110	1687	1513	26	M24	48	45	5	1602	1598	100	10	90	14 16	1817.2 1820.8	127 111	1391.6 1382.4	100 87	
01.35.1600	30	1740	1460	110	1687	1513	26	M24	48	45	5	1601	1598	100	10	90	14 16	1817.2 1820.8	127 111	1391.6 1382.4	100 87	



5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数

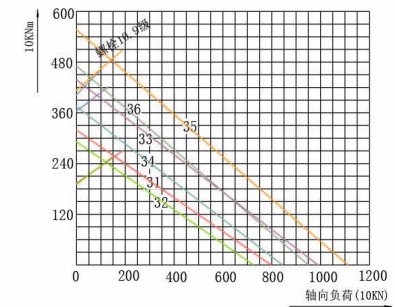
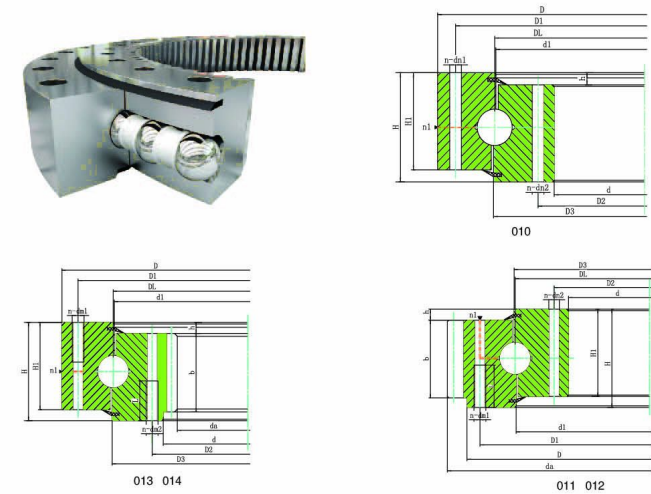
Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters



单排四点接触球式回转支承 (01 系列)

Single-row four point contact ball type slewing bearing

		外形尺寸			安装孔尺寸						结构尺寸				齿圈参数		外形参数		内齿参数		
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	d _{a1} d _{a2} (mm)	L (mm)	n	n ₁	D ₃ (mm)	d ₁ (mm)	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z
01.45.1800	31	1940	1660	110	1887	1713	26	M24	48	45	5	1802	1798	100	10	90	14 16	2013.2 2012.8	141 123	1573.6 1574.4	113 99
01.35.1800	32	1940	1660	110	1887	1713	26	M24	48	45	5	1801	1798	100	10	90	14 16	2013.2 2012.8	141 123	1573.6 1574.4	113 99
01.60.2000	33	2178	1825	144	2110	1891	33	M30	60	48	8	2002	1998	132	12	120	16 18	2268.8 2264.4	139 123	1734.4 1735.2	109 97
01.40.2000	34	2178	1825	144	2110	1891	33	M30	60	48	8	2001	1998	132	12	120	16 18	2268.8 2264.4	139 123	1734.4 1735.2	109 97
01.60.2240	35	2418	2065	144	2350	2131	33	M30	60	48	8	2242	2238	132	12	120	16 18	2492.8 2498.4	153 136	1990.4 1987.2	125 111
01.40.2240	36	2418	2065	144	2350	2131	33	M30	60	48	8	2241	2238	132	12	120	16 18	2492.8 2498.4	153 136	1990.4 1987.2	125 111

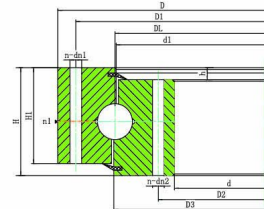


5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数 Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters

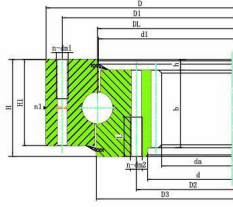


单排四点接触球式回转支承 (O1 系列) Single-row four point contact ball type slewing bearing

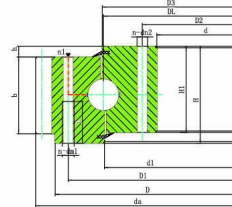
		外形尺寸			安装孔尺寸							结构尺寸				齿数参数			外形参数		内齿参数	
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} (mm)	d _{a2} (mm)	L (mm)	n	n ₁	D ₃ (mm)	d ₁ (mm)	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z	
01.60.2500	37	2678	2325	144	2610	2391	33	M30	60	56	8	2502	2498	132	12	120	18 20	2768.4 2776	151 136	2339.2 2228	125 112	
01.40.2500	38	2678	2325	144	2610	2391	33	M30	60	56	8	2501	2498	132	12	120	18 20	2768.4 2776	151 136	2339.2 2228	125 112	
01.60.2800	39	2978	2625	144	2910	2691	33	M30	60	56	8	2802	2798	132	12	120	18 20	3074.4 3076	168 151	2527.2 2528	141 127	
01.40.2800	40	2978	2625	144	2910	2691	33	M30	60	56	8	2801	2798	132	12	120	18 20	3074.4 3076	168 151	2527.2 2528	141 127	
01.75.3150	41	3376	2922	174	3286	3014	45	M42	84	56	8	3152	3147	162	12	150	20 22	3476 3471.6	171 155	2828 2824.8	142 129	
01.50.3150	42	3376	2922	174	3286	3014	45	M42	84	56	8	3152	3148	162	12	150	20 22	3476 3471.6	171 155	2828 2824.8	142 129	



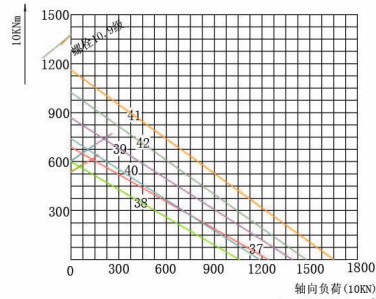
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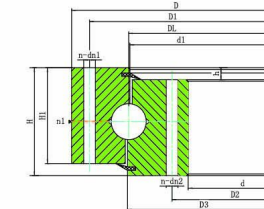


5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数 Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters

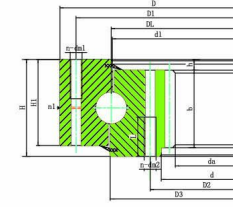


单排四点接触球式回转支承 (O1 系列) Single-row four point contact ball type slewing bearing

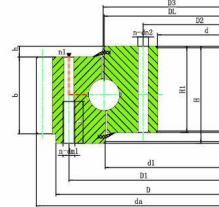
		外形尺寸			安装孔尺寸						结构尺寸				齿数参数		外形参数		内齿参数		
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	d _{a1} d _{a2} (mm)	L (mm)	n	n ₁	D ₃ (mm)	d ₁ (mm)	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z
01.75.3550	43	3776	3322	174	3686	3414	45	M42	84	56	8	3552	3547	162	12	150	20 22	3876 3889.6	191 174	3228 3220.8	162 147
01.50.3550	44	3776	3322	174	3686	3414	45	M42	84	56	8	3552	3548	162	12	150	20 22	3876 3889.6	191 174	3228 3220.8	162 147
01.75.4000	45	4226	3772	174	4136	3864	45	M42	84	60	10	4002	3997	162	12	150	22 25	4329.6 4345	194 171	3660.8 3660	167 147
01.50.4000	46	4226	3772	174	4136	3864	45	M42	84	60	10	4002	3998	162	12	150	22 25	4329.6 4345	194 171	3660.8 3660	167 147
01.75.4500	47	4726	4272	174	4636	4364	45	M42	84	60	10	4502	4497	162	12	150	22 25	4835.6 4845	217 191	4166.8 4160	190 167
01.50.4500	48	4726	4272	174	4636	4364	45	M42	84	60	10	4502	4498	162	12	150	22 25	4835.6 4845	217 191	4166.8 4160	190 167



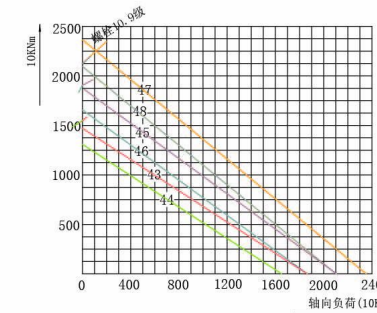
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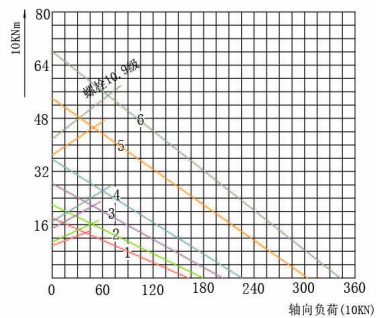
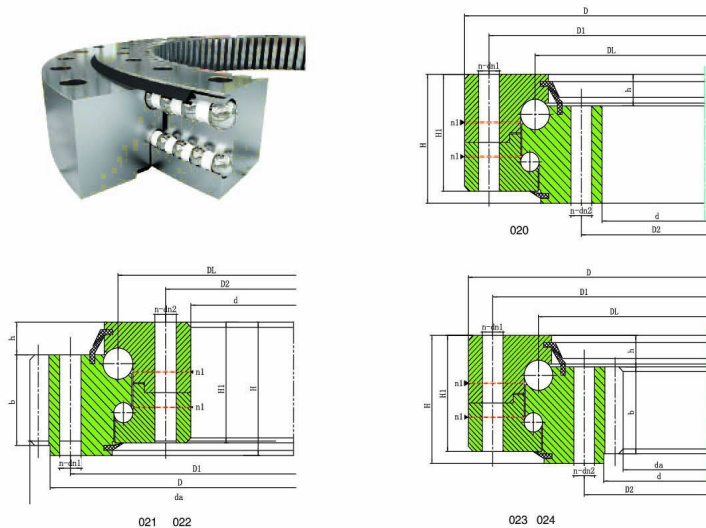


5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数 Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters



双排异径球式回转支承 (02 系列) Double-row ball slewing bearing

		外形尺寸			安装孔尺寸					结构尺寸			齿轮参数		外齿参数		内齿参数		
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	d _{a1} d _{a2} (mm)	L (mm)	n	n ₁	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z
02.25.500	1	616	384	106	580	420	18	M16	32	20	4	96	26	60	5 6	644 616.8	126 105	357 350.4	72 59
02.25.560	2	676	444	106	640	480	18	M16	32	20	4	96	26	60	5 6	704 706.8	138 115	417 410.4	84 69
02.25.630	3	746	514	106	710	550	18	M16	32	24	4	96	26	60	6 8	790.8 790.4	129 126	482.4 475.2	81 60
02.25.710	4	826	594	106	790	630	18	M16	32	24	4	96	26	60	6 8	862.8 862.4	141 105	560.4 555.2	94 70
02.30.800	5	942	658	124	898	702	22	M20	40	30	6	114	29	80	8 10	982.4 988	120 96	619.2 614	78 62
02.30.900	6	1042	758	124	998	802	22	M20	40	30	6	114	29	80	8 10	1086.4 1088	133 106	715.2 714	90 72

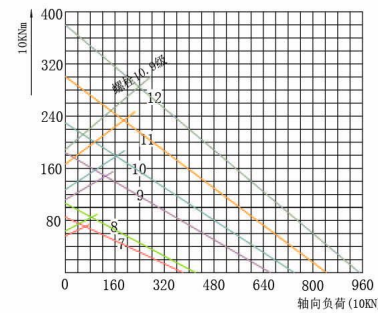
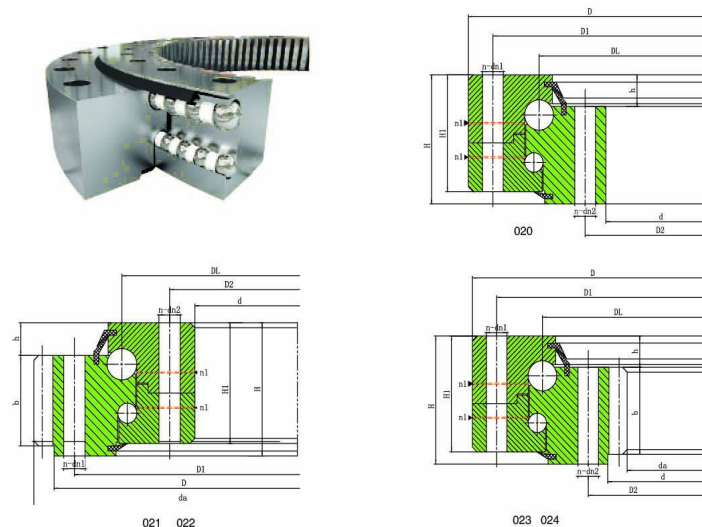


5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数 Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters



双排异径球式回转支承 (01 系列) Double-row ball slewing bearing

		外形尺寸			安装孔尺寸					结构尺寸			齿轮参数		外形参数		齿内参数		
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	d _{a2} (mm)	L (mm)	n	n ₁	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z
02.30.1000	7	1142	858	124	1098	902	22	M20	40	36	6	114	29	80	10 12	1198 1197.6	117 97	814 796.8	82 61
02.30.1120	8	1262	978	124	1218	1022	22	M20	40	36	6	114	29	80	10 12	1318 1317.6	129 107	924 916.8	93 77
02.40.1250	9	1426	1074	160	1374	1126	26	M24	48	40	5	150	39	90	12 14	1497.6 1495.2	122 104	1012.8 1013.6	85 78
02.40.1400	10	1576	1224	160	1524	1272	26	M24	48	40	5	150	39	90	12 14	1641.6 1649.2	134 115	1156.8 1153.6	97 83
02.40.1600	11	1776	1424	160	1724	1476	26	M24	48	45	5	150	39	90	14 16	1845.2 1852.8	129 113	1349.6 1350.4	97 85
02.40.1800	12	1976	1624	160	1924	1676	26	M24	48	45	5	150	39	90	14 16	2055.2 2060.8	144 126	1545.6 1542.4	111 97

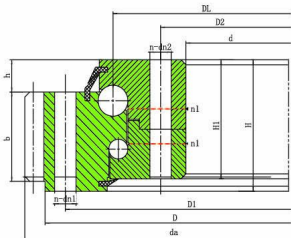
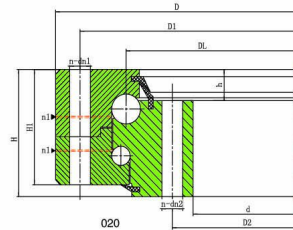


5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数 Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters

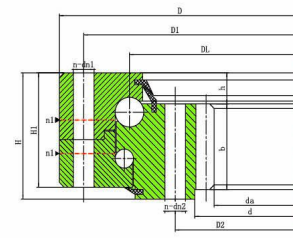


双排异径球式回转支承 (02 系列) Double-row ball slewing bearing

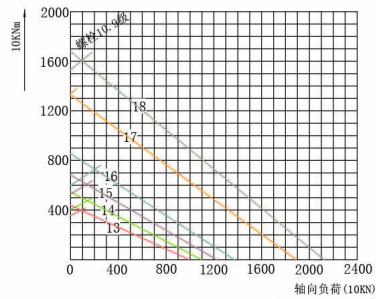
		外形尺寸			安装孔尺寸						结构尺寸			齿形参数		外形参数		齿形参数	
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	d _{a2} (mm)	L (mm)	n	n ₁	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z
02.50.2000	13	2215	1785	190	2149	1851	33	M30	60	48	8	178	47	120	16 18	2300.8 2300.4	141 125	1702.4 1699.2	107 95
02.50.2240	14	2455	2025	190	2389	2091	33	M30	60	48	8	178	47	120	16 18	2540.8 2552.4	156 139	1942.4 1933.2	122 108
02.50.2500	15	2715	2285	190	2649	2351	33	M30	60	56	8	178	47	120	18 20	2804.4 2816	153 138	2203.2 2183	123 110
02.50.2800	16	3015	2585	190	2949	2651	33	M30	60	56	8	178	47	120	18 20	3110.4 3116	170 153	2491.2 2488	139 125
02.60.3150	17	3428	2872	226	3338	2962	45	M42	84	56	8	214	56	150	20 22	3536 3537.6	174 158	2768 2758.8	139 126
02.60.3550	18	3828	3272	226	3738	3362	45	M42	84	56	8	214	56	150	20 22	3936 3933.6	194 176	3168 3176.8	159 145



021 022



023 024

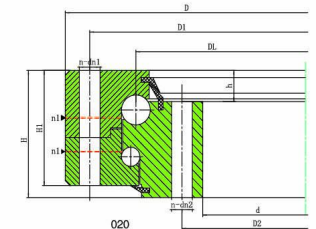


5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数 Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters

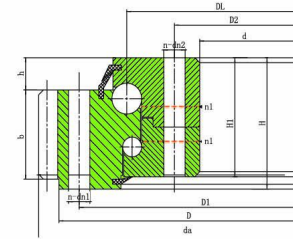


双排异径球式回转支承 (02 系列) Double-row ball slewing bearing

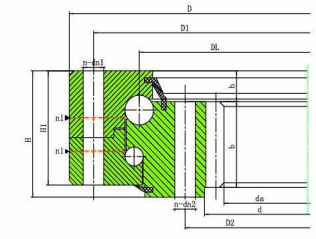
		外形尺寸			安装孔尺寸						结构尺寸			齿形参数		齿外参数		齿内参数	
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	d _{m1} d _{m2} (mm)	L (mm)	n	n ₁	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _s (mm)	z
02.60.4000	19	4278	3722	226	4188	3812	45	M42	84	60	10	214	56	150	22 25	4395.6 4395	197 173	3618.8 3610	165 145
02.60.4500	20	4778	4222	226	4688	4312	45	M42	84	60	10	214	56	150	22 25	4879.6 4895	219 193	4122.8 4110	188 165



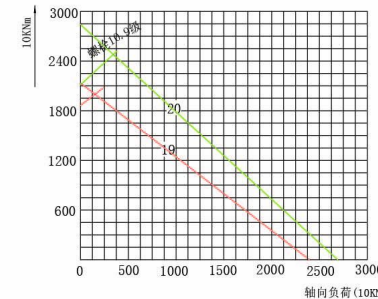
020



021 022



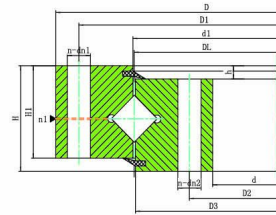
023 024



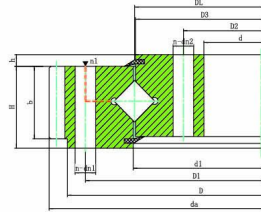
单排交叉滚柱式回转支承 (11 系列)

Singel-row cross roller slewing bearing

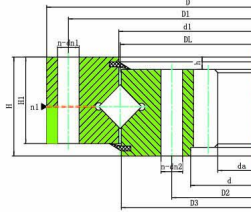
		外形尺寸			安装孔尺寸						结构尺寸				齿轮参数			外形参数		内齿参数	
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	d _{a1} d _{a2} (mm)	L (mm)	n	n ₁	D ₃ (mm)	d ₁ (mm)	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z
11.25.500	1	602	398	75	566	434	18	M16	32	20	4	498	502	65	10	60	5 6	629 628.8	123 102	367 368.4	74 62
11.25.560	2	662	458	75	626	494	18	M16	32	20	4	558	562	65	10	60	5 6	689 688.8	135 112	427 428.4	86 72
11.25.630	3	732	528	75	696	564	18	M16	32	24	4	628	632	65	10	60	6 8	772.8 774.4	126 94	494.4 491.2	83 62
11.25.710	4	812	608	75	776	644	18	M16	32	24	4	708	712	65	10	60	6 8	850.8 854.4	139 104	572.4 571.2	96 72
11.28.800	5	922	678	82	878	722	22	M20	40	30	6	798	802	72	10	65	8 10	966.4 968	118 94	635.2 634	80 64
11.28.900	6	1022	778	82	978	822	22	M20	40	30	6	898	902	72	10	65	8 10	1062.4 1068	130 104	739.2 734	93 74



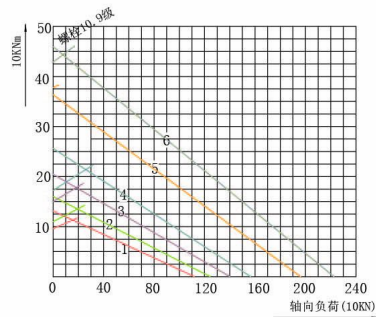
110



111 112



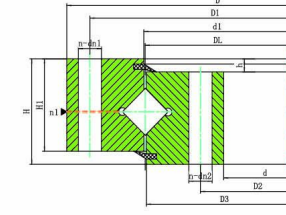
113 114



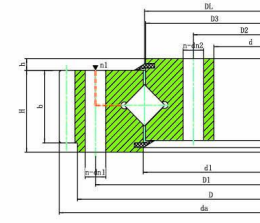
单排交叉滚柱式回转支承 (11 系列)

Singel-row cross roller slewing bearing

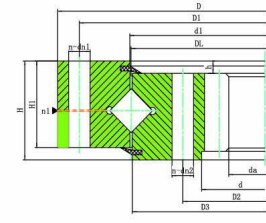
		外形尺寸			安装孔尺寸						结构尺寸				齿数参数		外形参数		内齿参数		
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	d _{a1} d _{a2} (mm)	L (mm)	n	n ₁	D ₃ (mm)	d ₁ (mm)	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z
11.28.1000	7	1122	878	82	1078	922	22	M20	40	36	6	998	1002	72	10	65	10 12	1188 1185.6	116 96	824 820.8	83 69
11.28.1120	8	1242	998	82	1198	1042	22	M20	40	36	6	1118	1122	72	10	65	10 12	1298 1305.6	127 106	944 940.8	95 79
11.32.1250	9	1390	1110	91	1337	1163	26	M24	48	40	5	1248	1252	81	10	75	12 14	1449.6 1453.2	118 101	1048 1041.6	88 75
11.32.1400	10	1540	1260	91	1487	1313	26	M24	48	40	5	1398	1402	81	10	75	12 14	1605.6 1607.2	131 112	1192 1190.8	100 86
11.32.1600	11	1740	1460	91	1687	1513	26	M24	48	45	5	1598	1602	81	10	75	14 16	1817.2 1820.8	127 111	1391 1382.4	100 87
11.32.1800	12	1940	1660	91	1887	1713	26	M24	48	45	5	1798	1802	81	10	75	14 16	2013.2 2012.8	141 123	1573 1574.4	113 99



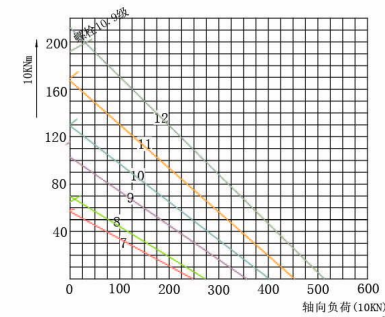
110



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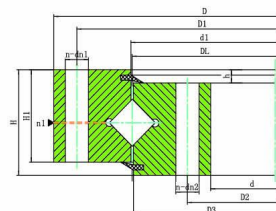


5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数 Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters

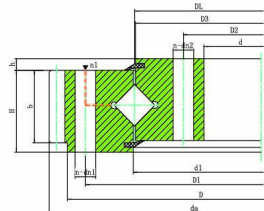


单排交叉滚柱式回转支承 (11 系列) Singel- row cross roller slewing bearing

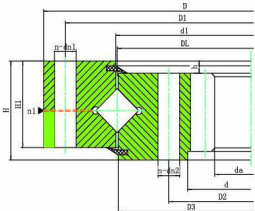
		外形尺寸			安装孔尺寸						结构尺寸				齿数参数			外形参数		内齿参数	
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	d _{a2} (mm)	L (mm)	n	n ₁	D ₃ (mm)	d ₁ (mm)	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z
11.40.2000	13	2178	1825	112	2110	1891	33	M30	60	48	8	1997	2003	100	12	90	16 18	2268.8 2264.4	139 123	1734.4 1735.2	109 97
11.40.2240	14	2418	2065	112	2350	2131	33	M30	60	48	8	2237	2243	100	12	90	16 18	2492.8 2498.4	153 136	1990.4 1987.2	125 111
11.40.2500	15	2678	2325	112	2610	2391	33	M30	60	56	8	2497	2503	100	12	90	18 20	2768.4 2776	151 136	2239.2 2228	125 112
11.40.2800	16	2978	2625	112	2910	2691	33	M30	60	56	8	2797	2803	100	12	90	18 20	3074.4 3076	168 151	2527.2 2528	141 127
11.50.3150	17	3376	2922	134	3286	3014	45	M42	84	56	8	3147	3153	122	12	110	20 22	3476 3471.6	171 155	2828 2824.8	142 129
11.50.3550	18	3776	3322	134	3686	3414	45	M42	84	56	8	3547	3553	122	12	110	20 22	3876 3889.6	191 174	3228 3220.8	162 147



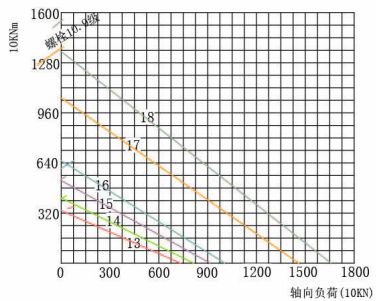
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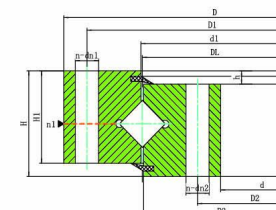
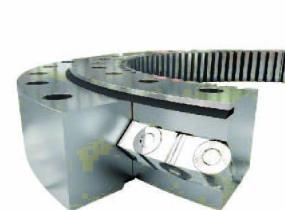


5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数 Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters

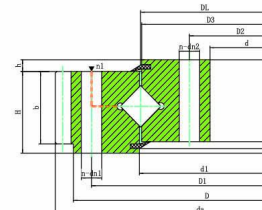


单排交叉滚柱式回转支承 (11 系列) Singel- row cross roller slewing bearing

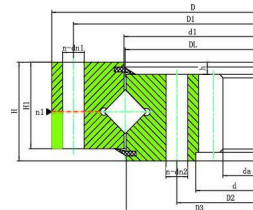
		外形尺寸			安装孔尺寸						结构尺寸				齿数参数		外形参数		内齿参数		
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁	D ₂	d _{a1} d _{a2} (mm)	d _{a1} d _{a2} (mm)	L (mm)	n	n ₁	D ₃ (mm)	d ₁ (mm)	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z
11.50.4000	19	4226	3772	134	4136	3864	45	M42	84	60	10	3997	4003	122	12	110	22 25	4329.6 4345	194 171	3660.8 3660	167 147
11.50.4500	20	4726	4272	134	4636	4364	45	M42	84	60	10	4497	4503	122	12	110	22 25	4835.6 4845	191 160	4166.8 4160	190 167



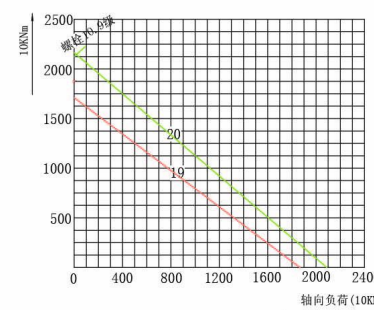
110



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5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数

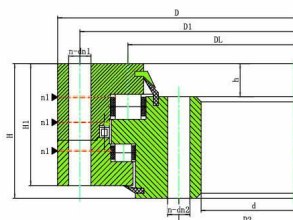
Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters



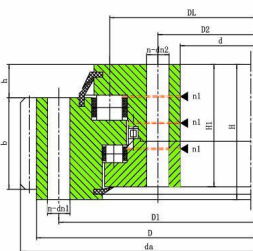
三排滚柱式回转支承 (13 系列)

Three -row roller slewing bearing.

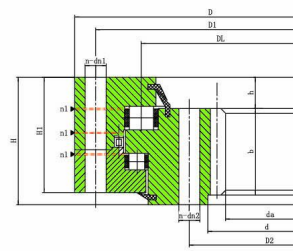
代号	曲线	外形尺寸			安装孔尺寸				结构尺寸		齿数参数		外形参数		内齿参数	
		D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	L (mm)	n	n ₁	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z
13.25.500	1	634	366	148	598	402	18	M16	32	24	4	138	32	80	5 664 664.8	68 130 337 338.4
13.25.560	2	694	426	148	658	462	18	M16	32	24	4	138	32	80	5 724 724.8	80 142 397 398.4
13.25.630	3	764	496	148	728	532	18	M16	32	28	4	138	32	80	6 808.8 806.4	90 132 458.4 459.2
13.25.710	4	844	576	148	808	612	18	M16	32	28	4	138	32	80	6 886.8 886.4	96 145 536.4 539.2
13.25.800	5	964	636	182	920	680	22	M20	40	36	4	172	40	120	8 1006.4 1008	96 123 595.2 594
13.32.900	6	1064	736	182	1020	780	22	M20	40	36	4	172	40	120	8 1102.4 1108	87 135 691.2 694



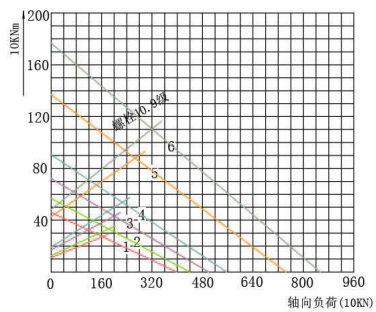
130



131 132



133 134



5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数

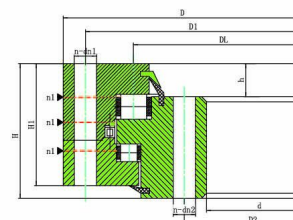
Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters



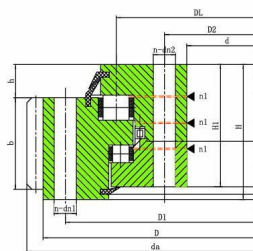
三排滚柱式回转支承 (13 系列)

Three -row roller slewing bearing.

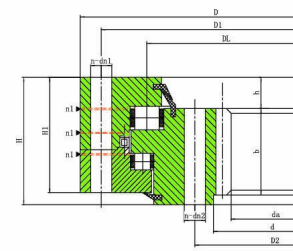
代号	曲线	外形尺寸			安装孔尺寸				结构尺寸		齿数参数		外形参数		内齿参数	
		D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	L (mm)	n	n ₁	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z
13.32.1000	7	1164	836	182	1120	880	22	M20	40	40	5	172	40	120	10 1219 1221.6	79 119 99 784.8
13.32.1120	8	1284	956	182	1240	1000	22	M20	40	40	5	172	40	120	10 1339 1341.6	90 131 109 904.8
13.40.1250	9	1445	1055	220	1393	1107	26	M24	48	45	5	210	50	150	12 1509.6 1509.2	83 123 105 988.8 985.6
13.40.1400	10	1595	1205	220	1543	1257	26	M24	48	45	5	210	50	150	12 1665.6 1663.2	96 136 116 1144.8 1139.6
13.40.1600	11	1795	1405	220	1743	1457	26	M24	48	48	6	210	50	150	14 1873.2 1868.8	96 131 114 1335.6 1334.4
13.40.1800	12	1995	1605	220	1943	1657	26	M24	48	48	6	210	50	150	14 2069.2 2076.8	110 145 127 1531.6 1526.4



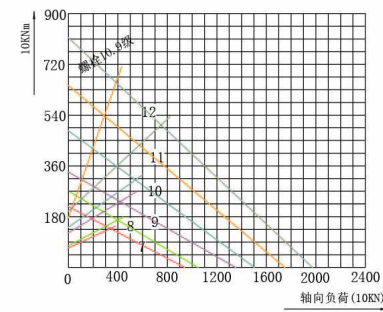
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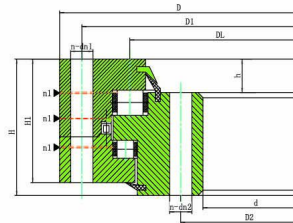
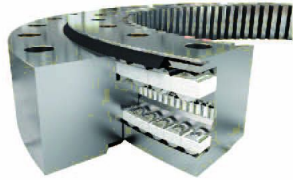


5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数 Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters

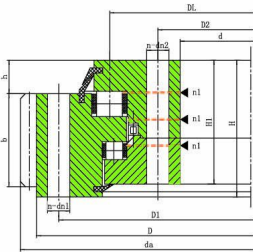


三排滚柱式回转支承 (13 系列) Three -row roller slewing bearing.

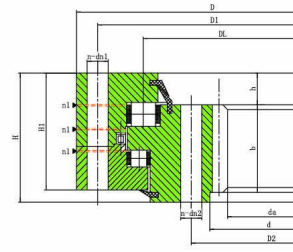
		外形尺寸			安装孔尺寸						结构尺寸			齿轮参数		外形参数		齿高参数	
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	d _{a1} d _{a2} (mm)	L (mm)	n	n ₁	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z
13.45.2000	13	2221	1779	231	2155	1845	33	M30	60	60	6	219	54	160	16 18	2300.8 2300.4	141 125	1702.4 1699.2	107 95
13.45.2240	14	2461	2019	231	2395	2085	33	M30	60	60	6	219	54	160	16 18	2556.8 2552.4	157 139	1926.4 1933.2	121 108
13.45.2500	15	2721	2279	231	2655	2345	33	M30	60	72	8	219	54	160	18 20	2822.4 2816	154 138	2185.2 2188	122 110
13.45.2800	16	3021	2579	231	2955	2645	33	M30	60	72	8	219	54	160	18 20	3110.4 3116	170 153	2491.2 2488	139 125
13.50.3150	17	3432	2868	270	3342	2958	45	M42	84	72	8	258	65	180	20 22	3536 3537.6	174 158	2768 2758.8	139 126
13.50.3550	18	3832	3268	270	3742	3358	45	M42	84	72	8	258	65	180	20 22	3936 3933.6	194 176	3168 3154.8	159 144



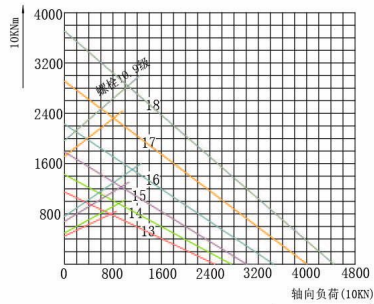
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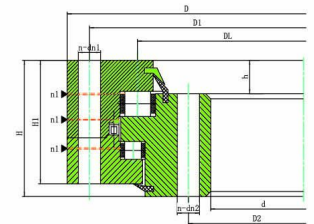


5 机械行业回转支承 (JB/T2300-1999 标准) 结构参数 Mechanical slewing bearings (JB/T2300-1999Standard) structure parameters

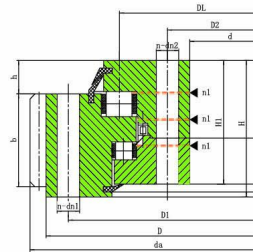


三排滚柱式回转支承 (13 系列) Three -row roller slewing bearing.

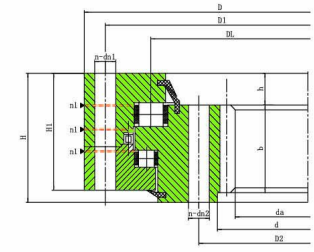
		外形尺寸			安装孔尺寸						结构尺寸			齿轮参数		外形参数		内齿参数	
代号	曲线	D (mm)	d (mm)	H (mm)	D ₁ (mm)	D ₂ (mm)	d _{a1} d _{a2} (mm)	d _{a1} d _{a2} (mm)	L (mm)	n	n ₁	H ₁ (mm)	h (mm)	b (mm)	m (mm)	d _a (mm)	z	d _a (mm)	z
13.50.4000	19	4282	3718	270	4192	3808	45	M42	84	80	8	258	65	180	22 25	4395.6 4395	197 173	3616.8 3610	165 145
13.50.4500	20	4782	4218	270	4692	4308	45	M42	84	80	8	258	65	180	22 25	4901.6 4895	220 193	4122.8 4110	188 165



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