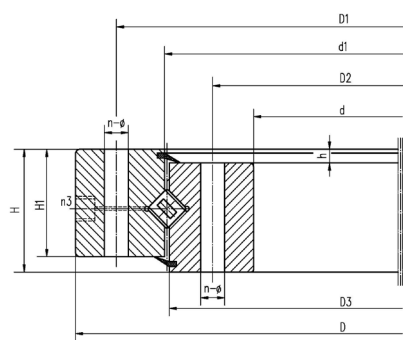


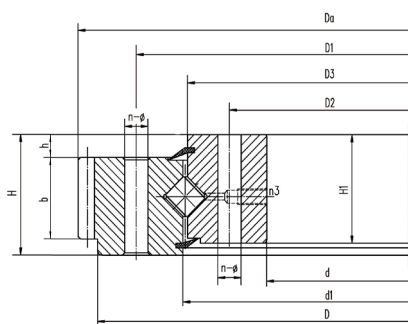
11 系列

单排交叉滚柱式回转支承 (11 系列)

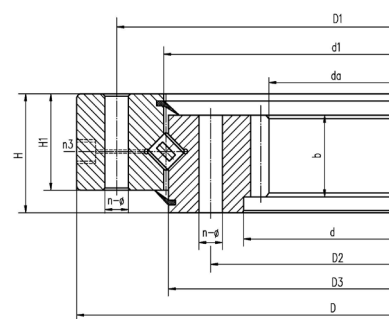
Single row cross roller slewing bearing (11 series)



无齿
Non Gear



外齿
External Gear



内齿
Internal Gear

结构特点、性能、适用范围

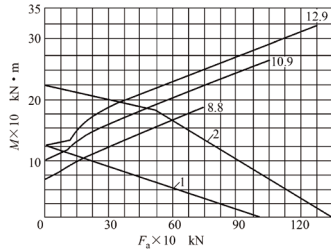
单排交叉滚柱式回转支承，由两个座圈组成，结构紧凑、重量轻、制造精度高，装配间隙小，对安装精度要求高，滚柱为1:1交叉排列，能同时承受轴向力，倾翻力矩和较大的径向力，被广泛地用于起重运输、工程机械和光电产品上。

Structural characteristics, performance and scope of application

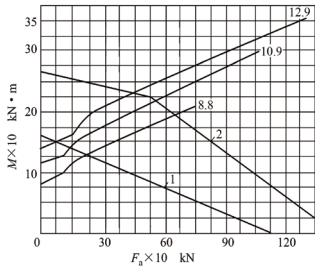
The single row cross roller slewing bearing is composed of two seat rings. It has compact structure, light weight, high manufacturing accuracy, small assembly gap and high requirement for installation accuracy. Rollers are 1:1 cross-arranged. It can bear axial force, overturning moment and large radial force at the same time. It is widely used in lifting transportation, construction machinery and opto-electronic products.

轴承型号 Bearing type				外形尺寸 Boundary dimensions			安装孔尺寸 Mounting hole diameter				结构尺寸 Structure dimensions					齿轮参数 Gear parameters					质量 Mass kg			
无齿式 Non-gear type	外齿式 External gear type	内齿式 Internal gear type		D	d	H	D1	D2	n		φ	D3	d1	H1	h	n3	m	外齿式 Ext gear		内齿式 Int gear		b	x	
				mm			mm			mm		mm		mm				Da mm	Z	da mm	Z			
110. 25. 500	111. 25. 500	113. 25. 500		602	398	75	566	434	20	18		498	502	65	10	4/M10X1	5	630	123	365	74	60	+0.5	80
	112. 25. 500	114. 25. 500															6	630	120	360	62	60	+0.5	80
110. 25. 560	111. 25. 560	113. 25. 560		662	458	75	626	494	20	18		558	562	65	10	4/M10X1	5	690	135	425	86	60	+0.5	90
	112. 25. 560	114. 25. 560															6	690	112	426	72	60	+0.5	90
110. 25. 630	111. 25. 630	113. 25. 630		732	528	75	696	564	24	18		628	632	65	10	4/M10X1	6	774	126	492	83	60	+0.5	100
	112. 25. 630	114. 30. 630															8	776	94	488	62	60	+0.5	100
110. 25. 710	111. 25. 710	113. 25. 710		812	608	75	776	644	24	18		708	712	65	10	4/M10X1	6	852	139	570	96	60	+0.5	110
	112. 25. 710	114. 25. 710															8	856	104	568	72	60	+0.5	110
110. 28. 800	111. 28. 800	113. 28. 800		922	678	82	878	722	30	22		798	802	72	10	6/M10X1	8	968	118	632	80	65	+0.5	170
	112. 28. 800	114. 28. 800															10	970	94	630	64	65	+0.5	170
110. 28. 900	111. 28. 900	113. 28. 900		1022	778	82	978	822	30	22		898	902	72	10	6/M10X1	8	1064	130	736	93	65	+0.5	190
	112. 28. 900	114. 28. 900															10	1070	104	730	74	65	+0.5	190
110. 28. 1000	111. 28. 1000	113. 28. 1000		1122	878	82	1078	922	36	22		998	1002	72	10	6/M10X1	10	1190	116	820	83	65	+0.5	210
	112. 28. 1000	114. 28. 1000															12	1188	96	816	69	65	+0.5	210
110. 28. 1120	111. 28. 1120	113. 28. 1120		1242	998	82	1198	1042	36	22		1118	1122	72	10	6/M10X1	10	1300	127	940	95	65	+0.5	230
	112. 28. 1120	114. 28. 1120															12	1308	106	936	79	65	+0.5	230
110. 32. 1250	111. 32. 1250	113. 32. 1250		1390	1110	91	1337	1163	40	26		1248	1252	81	10	6/M10X1	12	1452	118	1044	88	75	+0.5	350
	112. 32. 1250	114. 32. 1250															14	1456	101	1036	75	75	+0.5	350
110. 32. 1400	111. 32. 1400	113. 32. 1400		1540	1260	91	1487	1313	40	26		1398	1402	81	10	6/M10X1	12	1608	131	1188	100	75	+0.5	400
	112. 32. 1400	114. 32. 1400															14	1610	112	1190	86	75	+0.5	400
110. 32. 1600	111. 32. 1600	113. 32. 1600		1740	1460	91	1687	1513	45	26		1598	1602	81	10	8/M10X1	14	1820	127	1386	100	75	+0.5	440
	112. 32. 1600	114. 32. 1600															16	1824	111	1376	87	75	+0.5	440
110. 32. 1800	111. 32. 1800	113. 32. 1800		1940	1660	91	1887	1713	45	33		1798	1802	81	10	8/M10X1	14	2016	141	1568	113	75	+0.5	500
	112. 32. 1800	114. 32. 1800															16	2016	123	1568	99	75	+0.5	500
110. 40. 2000	111. 40. 2000	113. 40. 2000		2178	1825	112	2110	1891	48	33		1998	2002	100	12	8/M10X1	16	2272	139	1728	109	90	+0.5	900
	112. 40. 2000	114. 40. 2000															18	2268	123	1728	97	90	+0.5	900
110. 40. 2240	111. 40. 2240	113. 40. 2240		2418	2065	112	2350	2131	48	33		2237	2243	100	12	8/M10X1	16	2496	153	1984	125	90	+0.5	1000
	112. 40. 2240	114. 40. 2240															18	2502	136	1980	111	90	+0.5	1000
110. 40. 2500	111. 40. 2500	113. 40. 2500		2678	2325	112	2610	2391	56	33		2497	2503	100	12	8/M10X1	18	2772	151	2232	125	90	+0.5	1100
	112. 40. 2500	114. 40. 2500															20	2780	136	2220	112	90	+0.5	1100

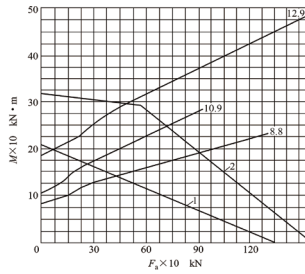
11 系列负载曲线图
Series 11 Load Chart



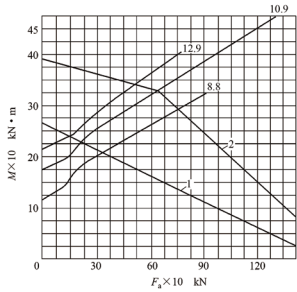
11*, 25.500



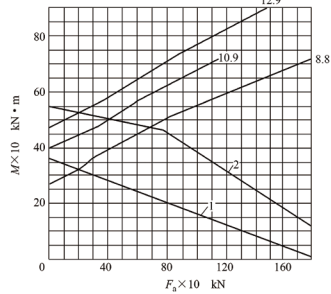
11*, 25.560



11*, 25.630



11*, 25.710

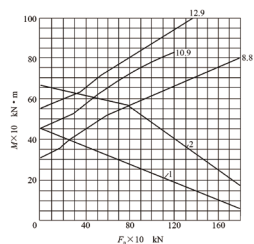


11*, 28.800

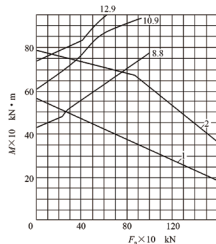
轴承型号 Bearing type			外形尺寸 Boundary dimensions			安装孔尺寸 Mounting hole diameter			结构尺寸 Structure dimensions					齿轮参数 Gear parameters				质量 Mass kg					
无齿式 Non-gear type	外齿式 External gear type	内齿式 Internal gear type	D	d	H	D1	D2	n	φ	D3	d1	H1	h	n3		m	外齿式 Ext gear		内齿式 Int gear		b	x	
			mm			mm			mm			mm			mm		Da mm	Z	da mm	Z	mm		
110. 40. 2800	111. 40. 2800	113. 40. 2800	2978	2625	112	2910	2691	56	33	2797	2803	100	12	8/M10X1		18	3078	168	2520	141	90	+0.5	1250
	112. 40. 2800	114. 40. 2800															20	3080	151	2520	127	90	+0.5
110. 50. 3150	111. 50. 3150	113. 50. 3150	3376	2922	134	3286	3014	56	45	3147	3153	122	12	8/M10X1		20	3480	171	2820	142	110	+0.5	2150
	112. 50. 3150	114. 50. 3150															22	3476	155	2816	129	110	+0.5
110. 50. 3550	111. 50. 3550	113. 50. 3550	3776	3322	134	3686	3414	56	45	3547	3553	122	12	8/M10X1		20	3880	191	3220	162	110	+0.5	2470
	112. 50. 3550	114. 50. 3550															22	3894	174	3212	147	110	+0.5
110. 50. 4000	111. 50. 4000	113. 50. 4000	4226	3772	134	4136	3864	60	45	3997	4003	122	12	10/M10X1		22	4334	194	3652	167	110	+0.5	2800
	112. 50. 4000	114. 50. 4000															25	4350	171	3650	147	110	+0.5
110. 50. 4500	111. 50. 4500	113. 50. 4500	4726	4272	134	4636	4364	60	45	4497	4503	122	12	10/M10X1		22	4940	217	4158	190	110	+0.5	3100
	112. 50. 4500	114. 50. 4500															25	4850	191	4150	167	110	+0.5

11 系列负载曲线图

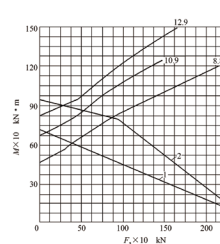
Series 11 Load Chart



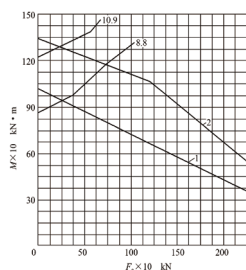
11* 28. 900



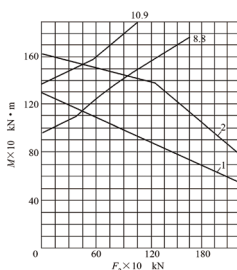
11* 28. 1000



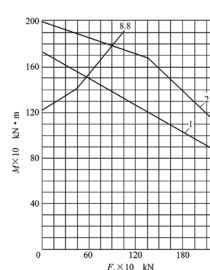
11* 28. 1120



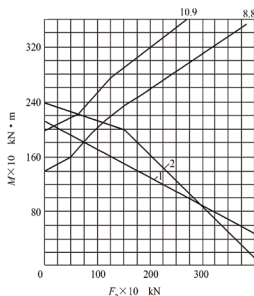
11* 32. 1250



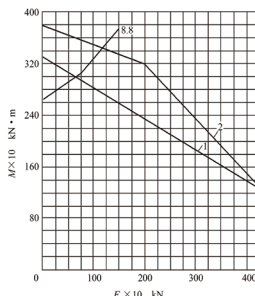
11* 32. 1400



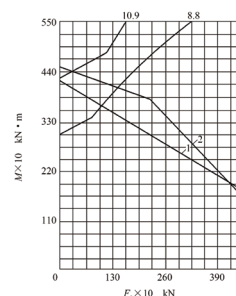
11* 32. 1600



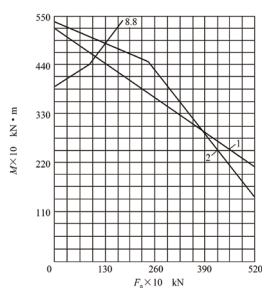
11* 32. 1800



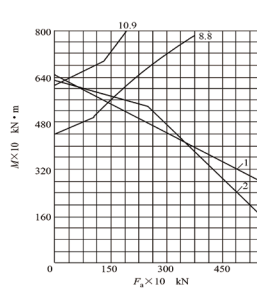
11* 40. 2000



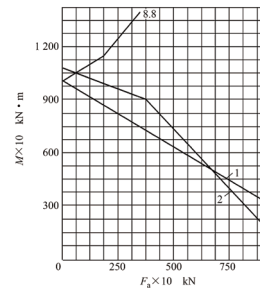
11* 40. 2240



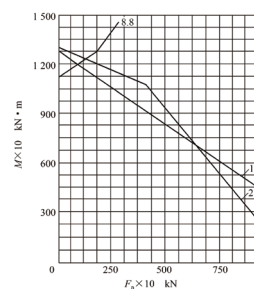
11* 40. 2500



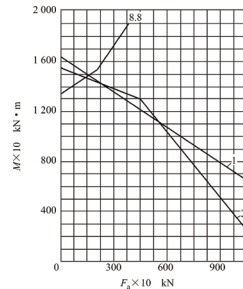
11* 40. 2800



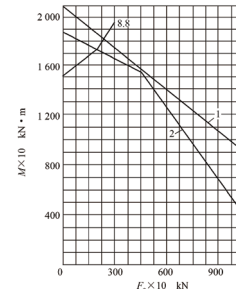
11* 50. 3150



11* 50. 3550



11* 50. 4000



11* 50. 4500