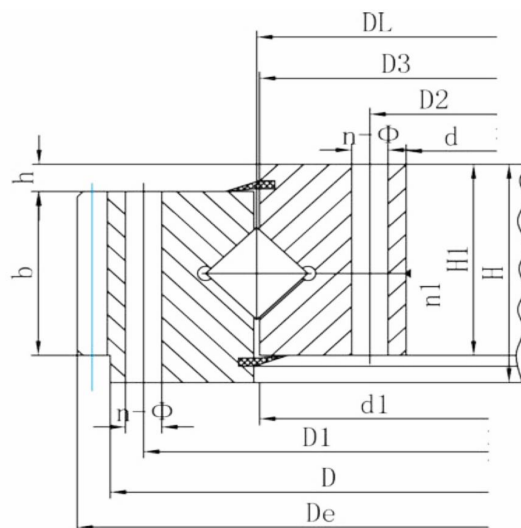


Single Row Crossed Roller Slewing Bearing

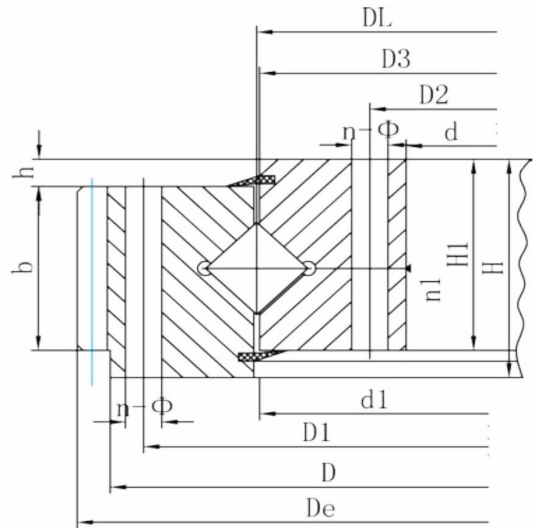
External Gear (111/112 Series)



No.	External gear D L mm	Dimensions			Mounting Dimensions						Structural Dimension					Gear data					Tooth force		Weight kg
		D mm	d mm	H mm	D1 mm	D2 mm	n	Ø mm	dm mm	L mm	n1	D3 mm	d1 mm	H1 mm	h mm	b mm	x	m mm	De mm	z	Norm alizing Z10 ₄ N	Quenc hing T10 ₄ N	
1	111.25.500	602	398	75	566	434	20	18	M16	32	4	498	502	65	10	60	0.5	5	629	123	3.7	5.2	80
	112.25.500																	6	628.8	102	4.5	6.2	
2	111.25.560	662	458	75	626	494	20	18	M16	32	4	558	562	65	10	60	0.5	5	689	135	3.7	5.2	90
	112.25.560																	6	688.8	112	4.5	6.2	
3	111.25.630	732	528	75	696	564	24	18	M16	32	4	628	632	65	10	60	0.5	6	772.8	126	4.5	6.2	100
	112.25.630																	8	774.4	94	6	8.3	
4	111.25.710	812	608	75	776	644	24	18	M16	32	4	708	712	65	10	60	0.5	6	850.8	139	4.5	6.2	110
	112.25.710																	8	854.4	104	6	8.3	
5	111.28.800	922	678	82	878	722	30	22	M20	40	6	798	802	72	10	65	0.5	8	966.4	118	6.5	9.1	170
	112.28.800																	10	968	94	8.1	11.4	

Single Row Crossed Roller Slewing Bearing

External Gear (111/112 Series)

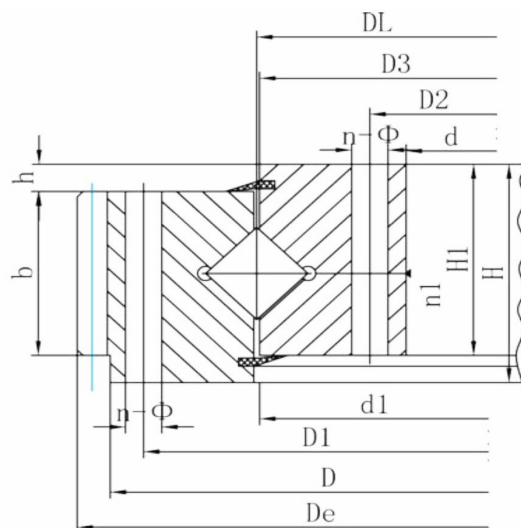


No.	External gear D L mm	Dimensions			Mounting Dimensions						Structural Dimension					Gear data					Tooth force		Weight kg
		D mm	d mm	H mm	D1 mm	D2 mm	n	Ø mm	dm mm	L mm	n1	D3 mm	d1 mm	H1 mm	h mm	b mm	x	m mm	De mm	z	Norm alizing Z10 ₄ N	Quenc hing T10 ₄ N	
6	111.28.900	1022	778	82	978	822	30	22	M20	40	6	898	902	72	10	65	0.5	8	1062.4	130	6.5	9.1	190
	112.28.900																	10	1068	104	8.1	11.4	
7	111.28.1000	1122	878	82	1078	922	36	22	M20	40	6	998	1002	72	10	65	0.5	10	1188	116	8.1	11.4	210
	112.28.1000																	12	1185.6	96	9.7	13.6	
8	111.28.1120	1242	998	82	1198	1042	36	22	M20	40	6	1118	1122	72	10	65	0.5	10	1298	127	8.1	11.4	230
	112.28.1120																	12	1305.6	106	9.7	13.6	
9	111.32.1250	1390	1110	91	1337	1163	40	26	M24	48	5	1248	1252	81	10	75	0.5	12	1449.6	118	11.3	15.7	350
	112.32.1250																	14	1453.2	101	13.2	18.2	
10	111.32.1400	1540	1260	91	1487	1313	40	26	M24	48	5	1398	1402	81	10	75	0.5	12	1605.6	131	11.3	15.7	400
	112.32.1400																	14	1607.2	112	13.2	18.2	



Single Row Crossed Roller Slewing Bearing

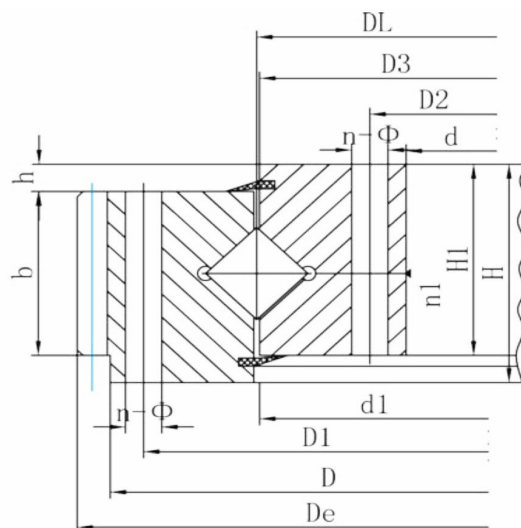
External Gear (111/112 Series)



No.	External gear D L mm	Dimensions			Mounting Dimensions						Structural Dimension					Gear data					Tooth force		Weight kg
		D mm	d mm	H mm	D1 mm	D2 mm	n	Ø mm	dm mm	L mm	n1	D3 mm	d1 mm	H1 mm	h mm	b mm	x	m mm	De mm	z	Norm alizing Z10 ₄ N	Quenc hing T10 ₄ N	
11	111.32.1600	1740	1460	91	1687	1513	45	26	M24	48	5	1598	1602	81	10	75	0.5	14	1817.2	127	13.2	18.2	440
	112.32.1600																	16	1820.8	111	15.1	22.4	
12	111.32.1800	1940	1660	91	1887	1713	45	26	M24	48	5	1798	1802	81	10	75	0.5	14	2013.2	141	13.2	18.2	500
	112.32.1800																	16	2012.8	123	15.1	22.4	
13	111.40.2000	2178	1825	112	2110	1891	48	33	M30	60	8	1997	2003	100	12	90	0.5	16	2268.8	139	18.1	25	900
	112.40.2000																	18	2264.4	123	20.3	28.1	
14	111.40.2240	2418	2065	112	2350	2131	48	33	M30	60	8	2237	2243	100	12	90	0.5	16	2492.8	153	18.1	25	1000
	112.40.2240																	18	2498.4	136	20.3	28.1	
15	111.40.2500	2678	2325	112	2610	2391	56	33	M30	60	8	2497	2503	100	12	90	0.5	18	2768.4	151	20.3	28.1	1100
	112.40.2500																	20	2776	136	22.6	31.3	

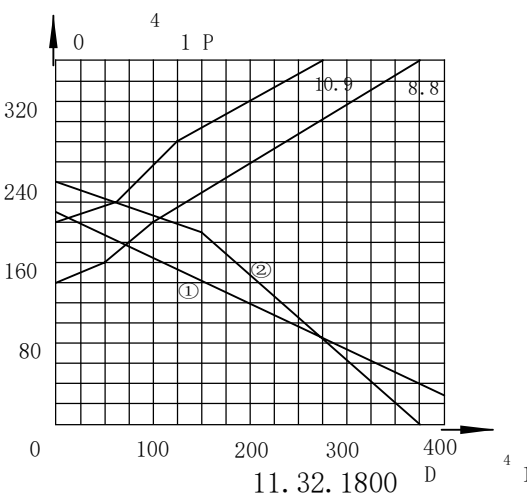
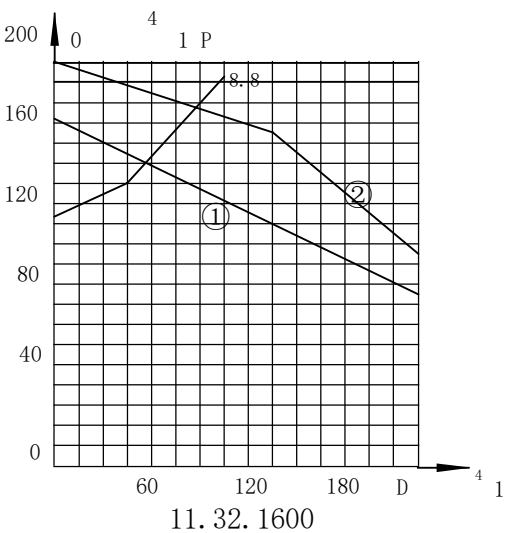
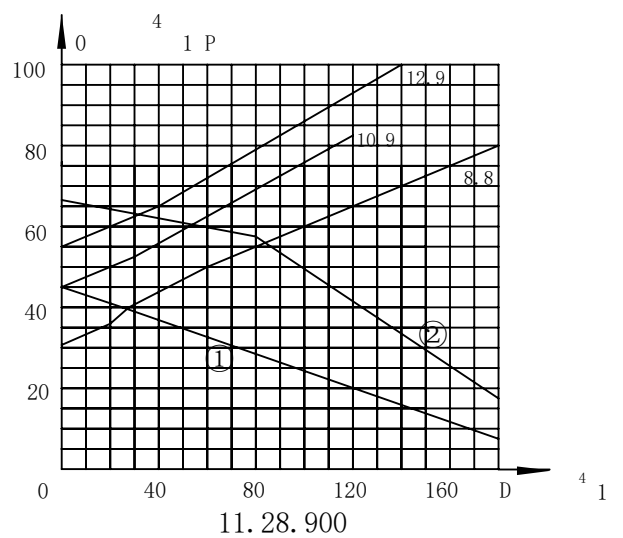
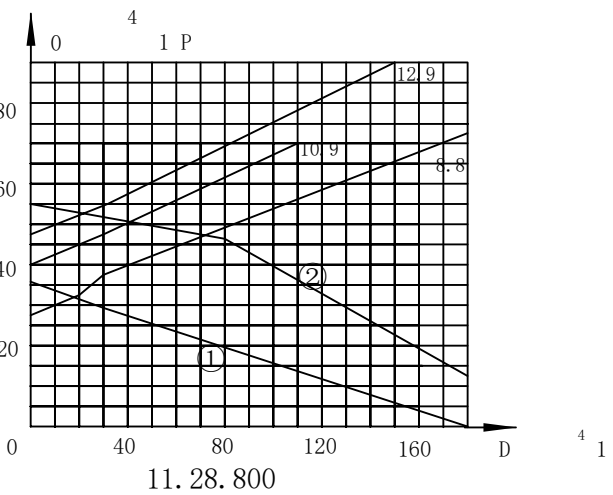
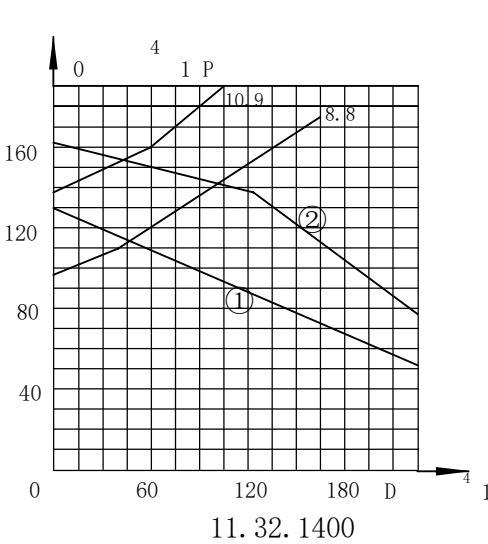
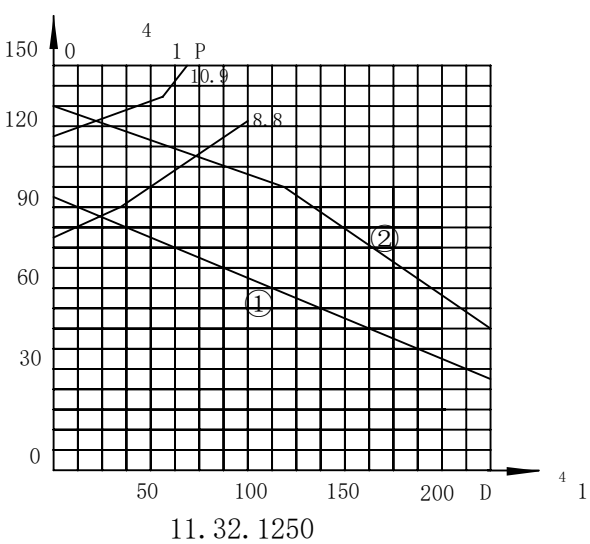
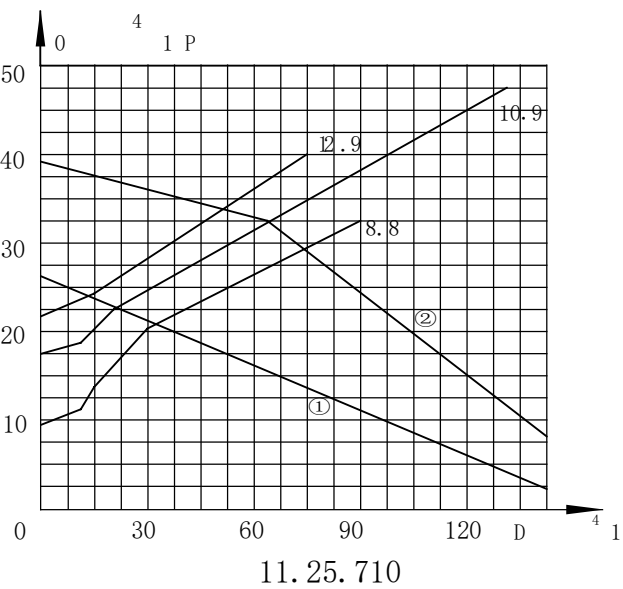
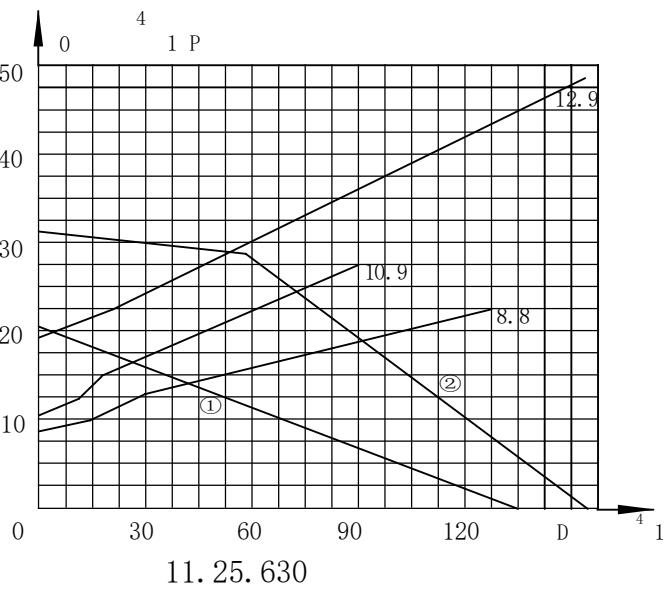
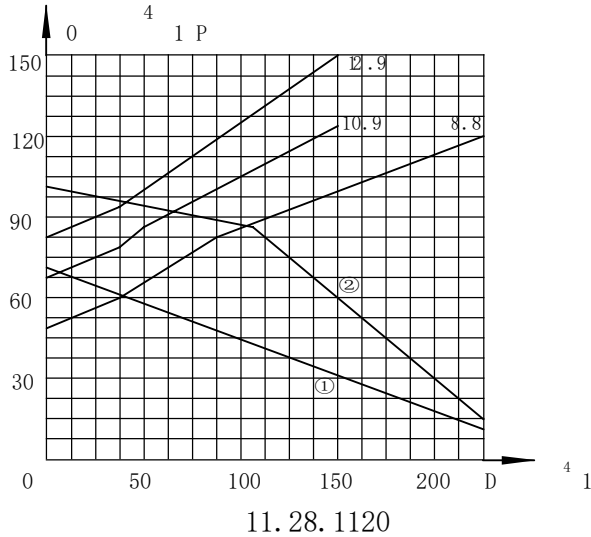
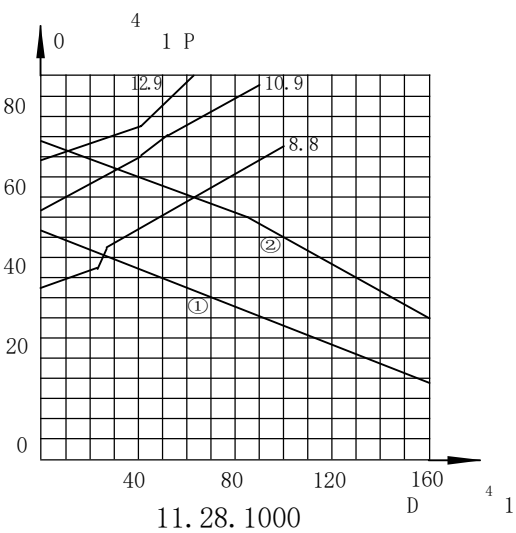
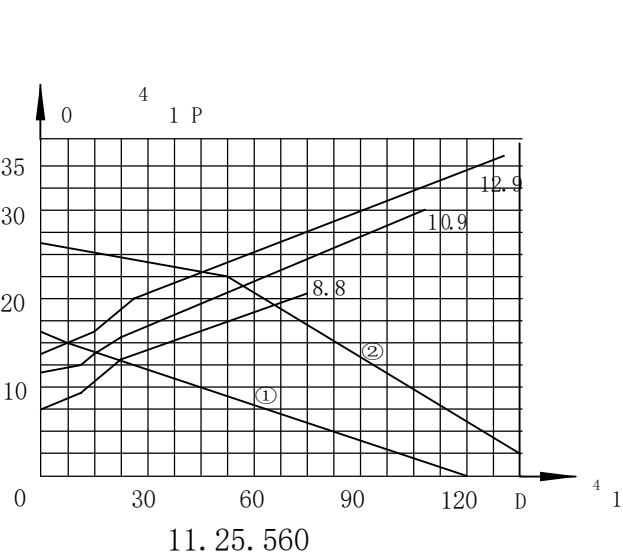
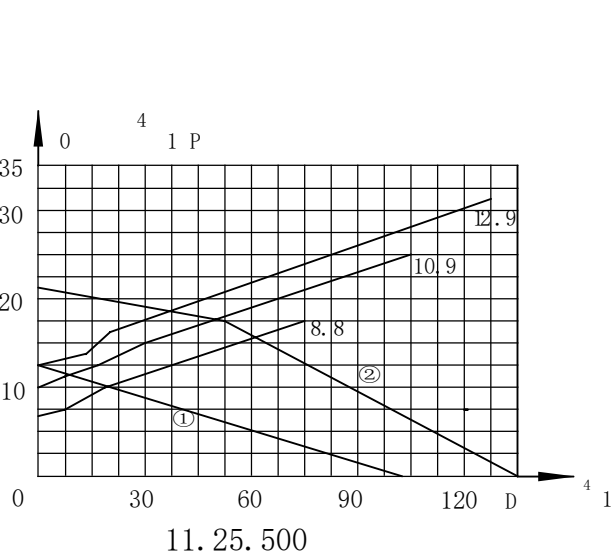
Single Row Crossed Roller Slewing Bearing

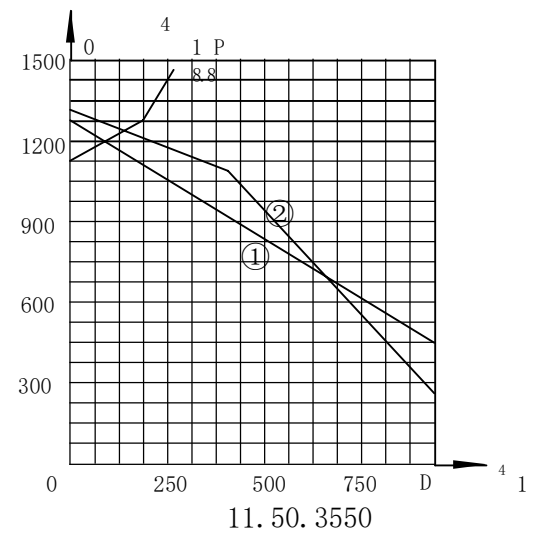
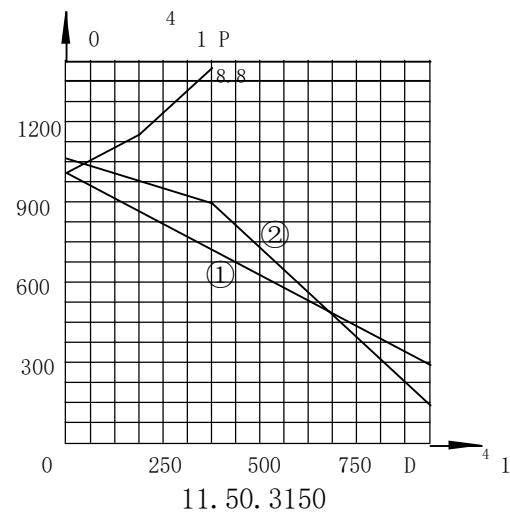
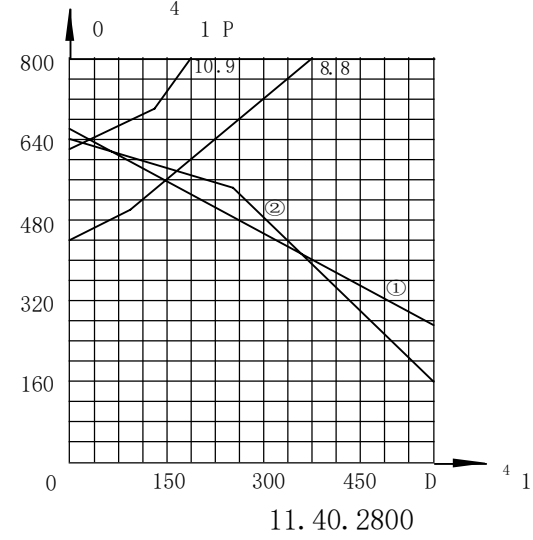
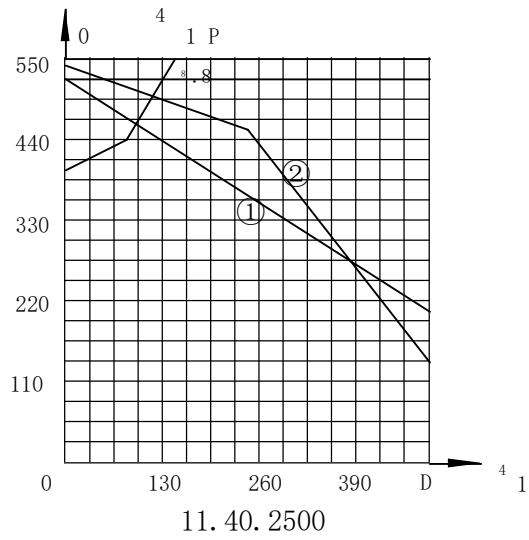
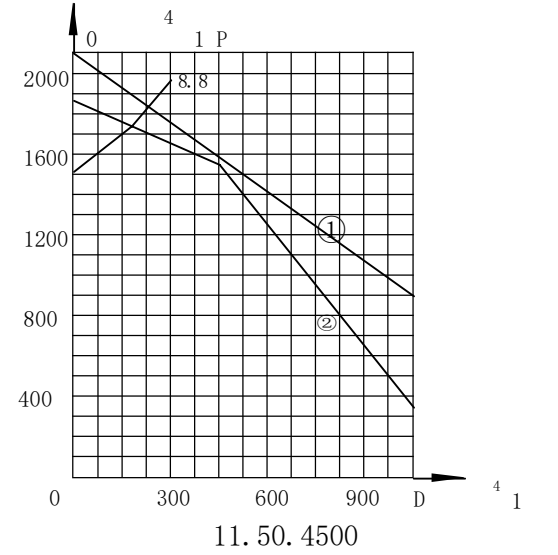
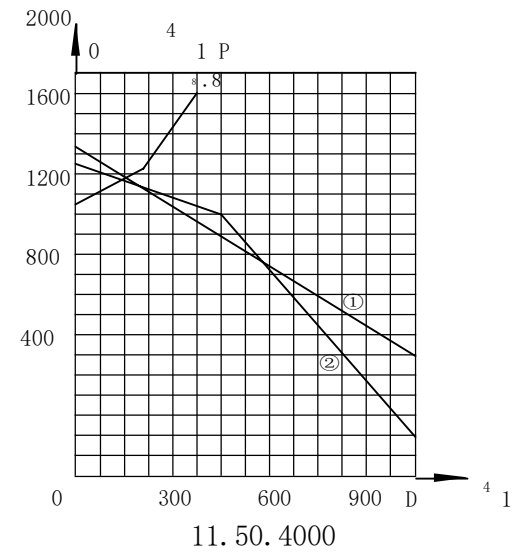
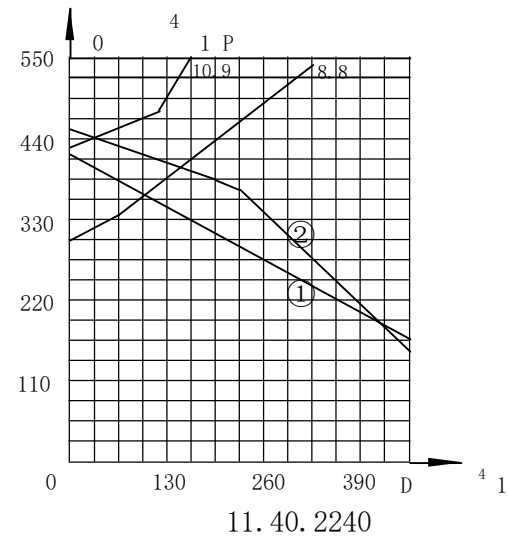
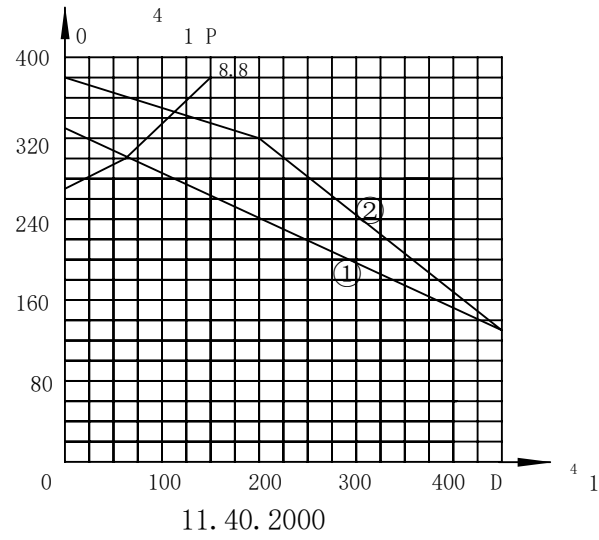
External Gear (111/112 Series)



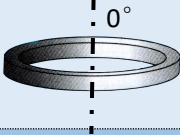
No.	External gear D L mm	Dimensions			Mounting Dimensions						Structural Dimension						Gear data				Tooth force		Weight kg
		D mm	d mm	H mm	D1 mm	D2 mm	n	Ø mm	dm mm	L mm	n1	D3 mm	d1 mm	H1 mm	h mm	b mm	x	m mm	De mm	z	Norm alizing Z10 ₄ N	Quenc hing T10 ₄ N	
16	111.40.2800	2978	2625	112	2910	2691	56	33	M30	60	8	2797	2803	100	12	90	0.5	18	3074.4	168	20.3	28.1	1250
	112.40.2800																	20	3076	151	22.6	31.3	
17	111.50.3150	3376	2922	134	3286	3014	56	45	M42	84	8	3147	3153	122	12	110	0.5	20	3476	171	27.6	38.3	2150
	112.50.3150																	22	3471.6	155	30.4	42.1	
18	111.50.3550	3776	3322	134	3686	3414	56	45	M42	84	8	3547	3553	122	12	110	0.5	20	3876	191	30.4	38.3	2470
	112.50.3550																	22	3889.6	174	30.4	42.1	
19	111.50.4000	4226	3772	134	4136	3864	60	45	M42	84	10	3997	4003	122	12	110	0.5	22	4329.6	194	30.4	42.1	2800
	112.50.4000																	25	4345	171	34.5	47.8	
20	111.50.4500	4726	4272	134	4636	4364	60	45	M42	84	10	4497	4503	122	12	110	0.5	22	4835.6	217	30.4	42.1	3100
	112.50.4500																	25	4845	191	34.5	47.8	

Single Row Crossed Roller Series Load Curve

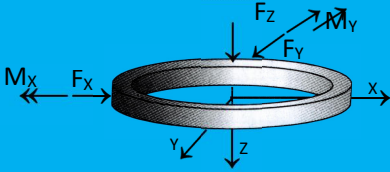




Application Questionnaire

Application			
Axis of rotation (Unit: Degree)	 		
Mounting position	Horizontal ☐	Suspend ☐	Vertical ☐
Number of motors			
Position of motor on lever (Unit:Degree)			

Load

	1	2	3	4
	Operating load	Max.working load	Testing load	Extreme load (out of operation)
Axial force Fz KN				
Radial force Fx KN				
Radial force Fy KN				
Moment Mx KNm				
Moment My KNm				
Load percentage				
Ratio Percentage				

Operating Condition

Environment(dust,water,seaeater,chemical substance,and etc)	
Operating temperature	℃
Working time	hour/day
Rotation time	%
Oscillating frequency	1/hour
Mean rotating degree each oscillating moment	°