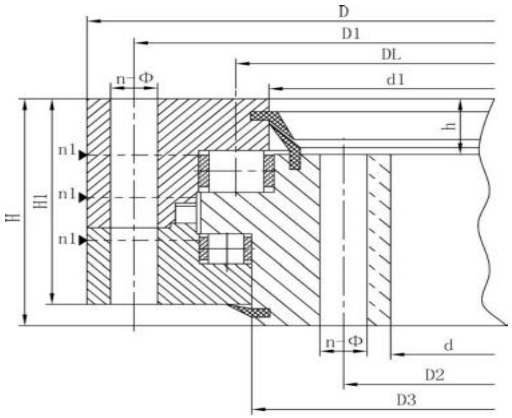
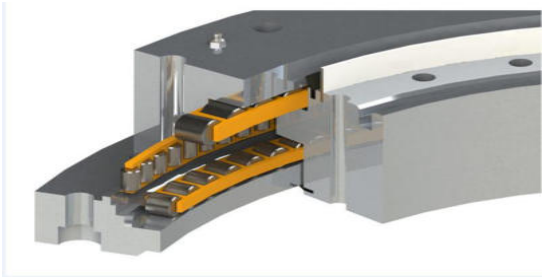
Three Row Roller Slewing Bearing

UnGear（130 Series）





No.	Non gear D L mm	Dimensions			Mounting Dimensions						Structural Dimension					weight kg
		D mm	d mm	H mm	D 1 mm	D 2 mm	n	Ø mm	dm mm	L mm	D3 mm	d1 mm	n 1	H 1 mm	h mm	
1	130.25.500	634	366	148	598	402	24	18	M16	32	474	463	4	10	32	224
2	130.25.560	694	426	148	658	462	24	18	M16	32	534	523	4	10	32	240
3	130.25.630	764	496	148	728	532	28	18	M16	32	604	593	4	10	32	270
4	130.25.710	844	576	148	808	612	28	18	M16	32	684	673	4	10	32	300
5	130.32.800	964	636	182	920	680	36	22	M20	40	770	759	4	10	40	500
6	130.32.900	1064	736	182	1020	780	36	22	M20	40	870	859	4	10	40	600
7	130.32.1000	1164	836	182	1120	880	40	22	M20	40	970	959	5	10	40	680
8	130.32.1120	1284	956	182	1240	1000	40	22	M20	40	1090	1079	5	10	40	820
9	130.40.1250	1445	1055	220	1393	1107	45	26	M24	48	1213	1200	5	10	50	1200
10	130.40.1400	1595	1205	220	1543	1257	45	26	M24	48	1363	1350	5	10	50	1300

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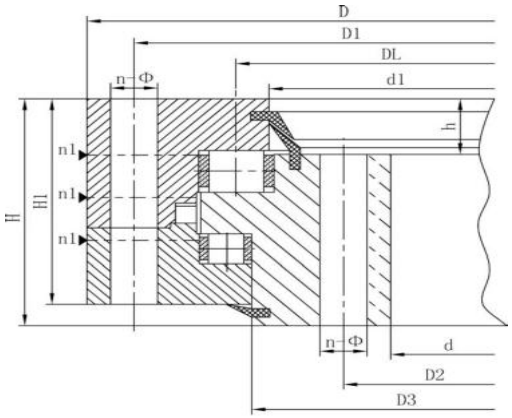
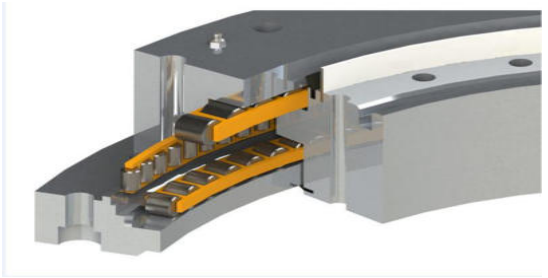
Three Row Roller Slewing Bearing

UnGear（130 Series）





No.	Non gear D L mm	Dimensions			Mounting Dimensions						Structural Dimension					weight kg
		D mm	d mm	H mm	D 1 mm	D 2 mm	n	Ø mm	dm mm	L mm	D3 mm	d1 mm	n 1	H 1 mm	h mm	
11	130.40.1600	1795	1405	220	1743	1457	48	26	M24	48	1563	1550	6	10	50	1520
12	130.40.1800	1995	1605	220	1943	1657	48	26	M24	48	1763	1750	6	10	50	1750
13	130.45.2000	2221	1779	231	2155	1845	60	33	M30	60	1967	1945	6	12	54	2400
14	130.45.2240	2461	2019	231	2395	2085	60	33	M30	60	2207	2185	6	12	54	2700
15	130.45.2500	2721	2279	231	2655	2345	72	33	M30	60	2467	2445	8	12	54	3000
16	130.45.2800	3021	2579	231	2955	2645	72	33	M30	60	2767	2745	8	12	54	3400
17	130.50.3150	3432	2868	270	3342	2958	72	45	M42	84	3104	3090	8	12	65	5000
18	130.50.3550	3832	3268	270	3742	3358	72	45	M42	84	3504	3490	8	258	65	5680
19	130.50.4000	4282	3718	270	4192	3808	80	45	M42	84	3954	3940	8	258	65	6470
20	130.50.4500	4782	4218	270	4692	4308	80	45	M42	84	4454	4440	8	258	65	7320

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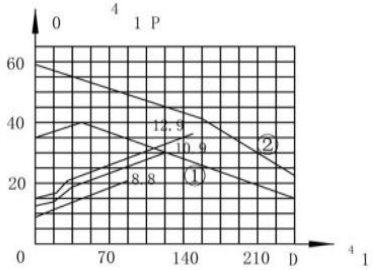
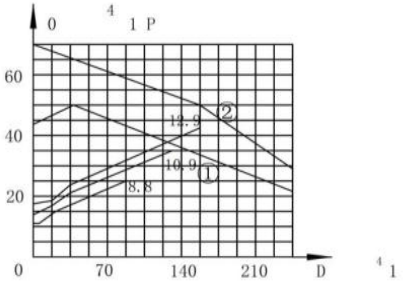
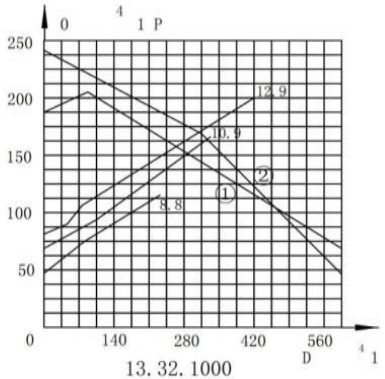
Four Point Contact Ball Slewing Bearing Load Curve



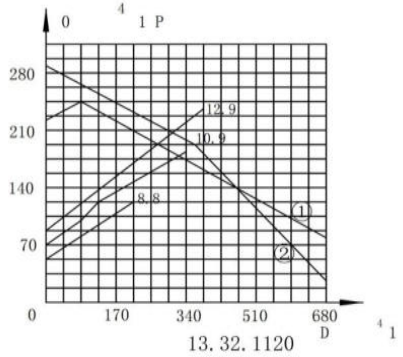
13. 25. 500



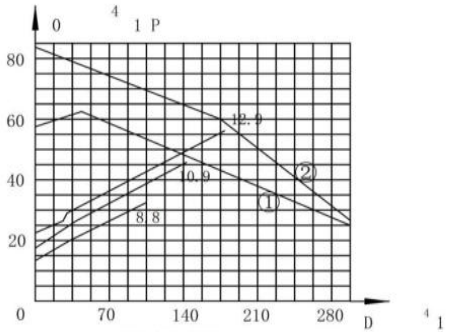
13. 25. 560



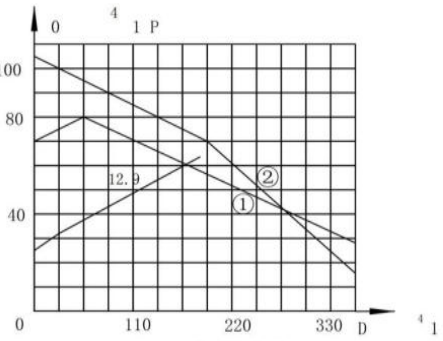
13. 32. 1000



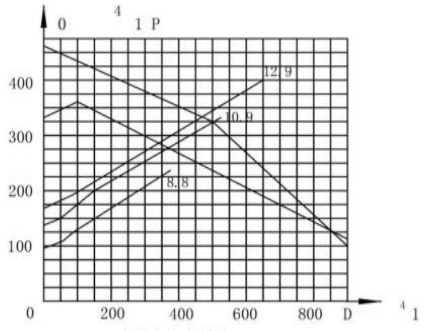
13. 32. 1120



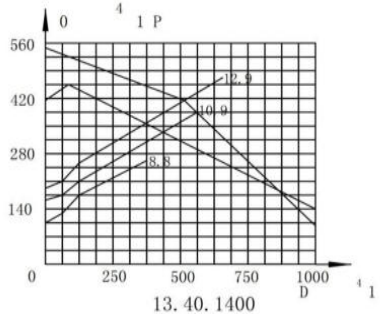
13. 25. 630



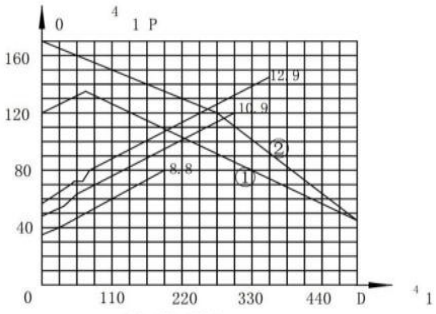
13. 25. 710



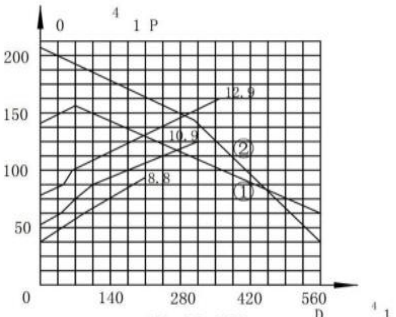
13. 40. 1250



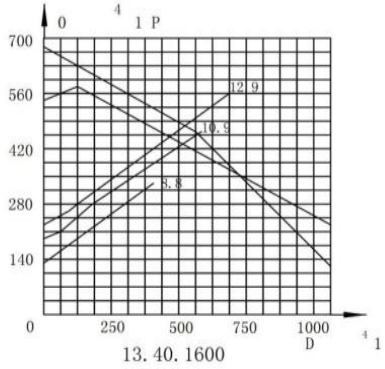
13. 40. 1400



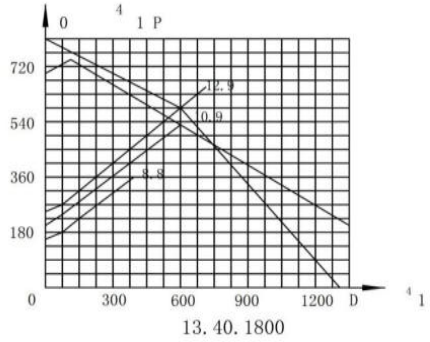
13. 32. 800



13. 32. 900



13. 40. 1600



13. 40. 1800

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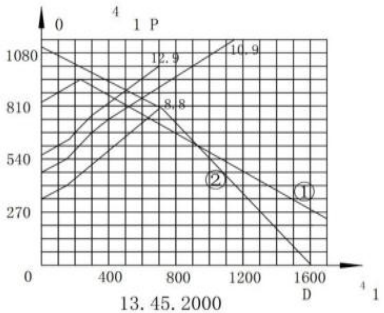
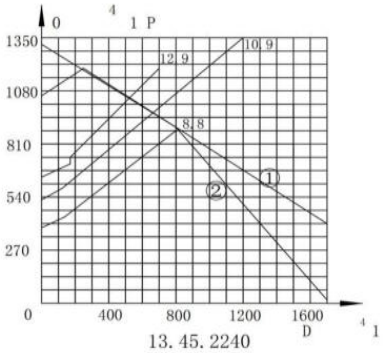
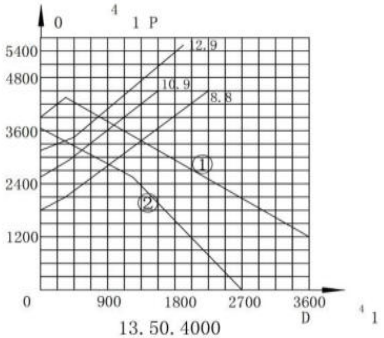
Four Point Contact Ball Slewing Bearing Load Curve



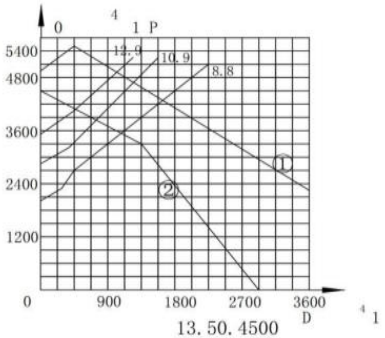
13. 45. 2000



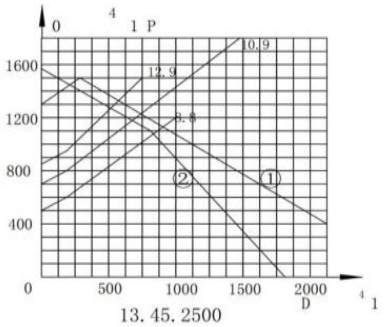
13. 45. 2240



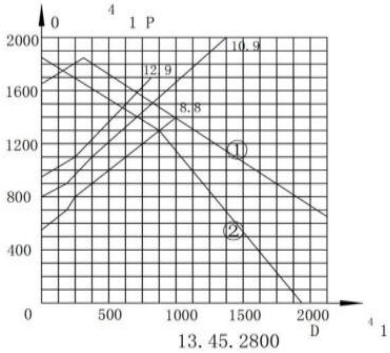
13. 50. 4000



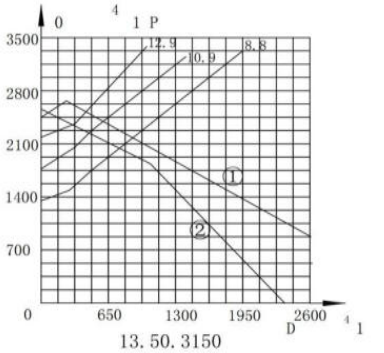
13. 50. 4500



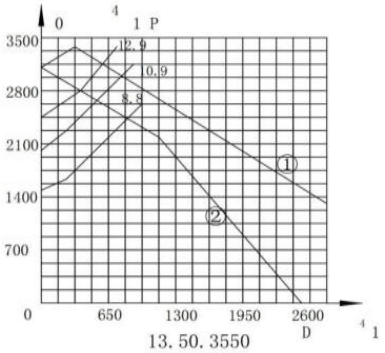
13. 45. 2500



13. 45. 2800



13. 50. 3150



13. 50. 3550

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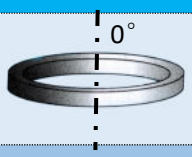
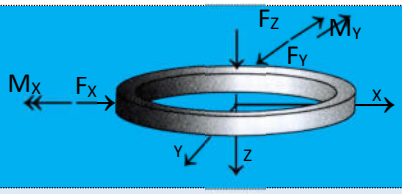
Application Questionnaire

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	°