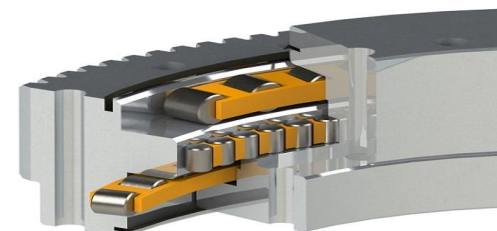
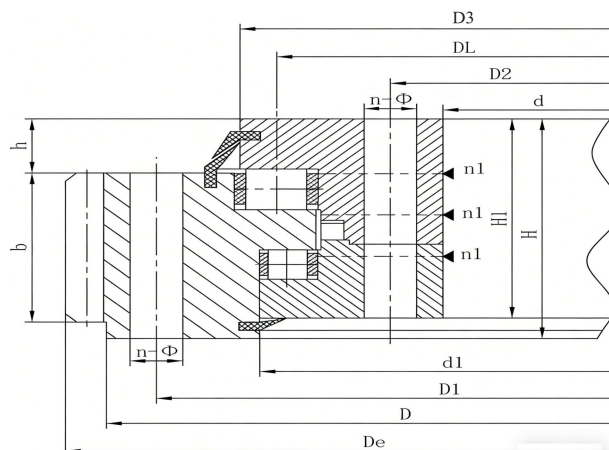


Three Row Roller Slewing Bearing

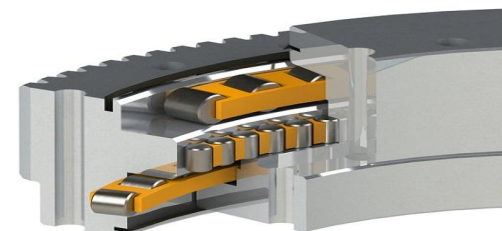
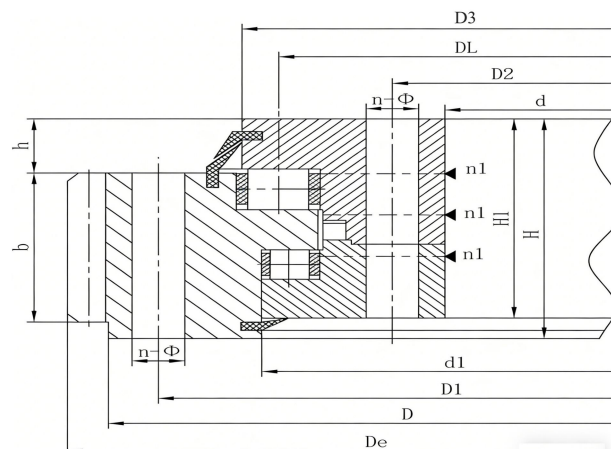
External Gear (131/132 Series)



No.	External gear D L mm	Dimensions			Mounting Dimensions						Structural Dimension					Gear data					Tooth force		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	b mm	x	m mm	De mm	z	Norm alizing Z10 ₄ N	Quenc hing T10 ₄ N	
1	131.25.500	634	366	148	598	402	24	18	M16	32	537	526	4	138	32	80	0.5	5	664	130	5	6.7	224
	132.25.500																	6	664.8	108	6	8	
2	131.25.560	694	426	148	658	462	24	18	M16	32	597	586	4	138	32	80	0.5	5	724	142	5	6.7	240
	132.25.560																	6	724.8	118	6	8	
3	131.25.630	764	496	148	728	532	28	18	M16	32	667	656	4	138	32	80	0.5	6	808.8	132	6	8	270
	132.25.630																	8	806.4	98	8	11	
4	131.25.710	844	576	148	808	612	28	18	M16	32	747	736	4	138	32	80	0.5	6	886.8	145	6	8	300
	132.25.710																	8	886.4	108	8	11	
5	131.32.800	964	636	182	920	680	36	22	M20	40	841	830	4	172	40	120	0.5	8	1006.4	123	12.1	16.7	500
	132.32.800																	10	1008	98	15.1	20.9	
6	131.32.900	1064	736	182	1020	780	36	22	M20	40	941	930	4	172	40	120	0.5	8	1102.4	135	12.1	16.7	600
	132.32.900																	10	1108	108	15.1	20.9	
7	131.32.1000	1164	836	182	1120	880	40	22	M20	40	1041	1030	5	172	40	120	0.5	10	1218	119	15.1	20.9	680
	132.32.1000																	12	1221.6	99	18.1	25.1	

Three Row Roller Slewing Bearing

External Gear (131/132 Series)

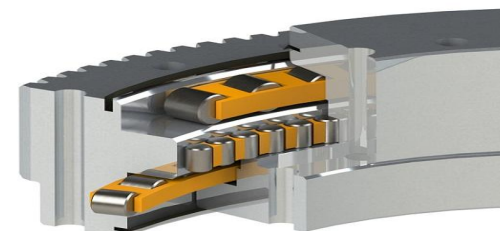
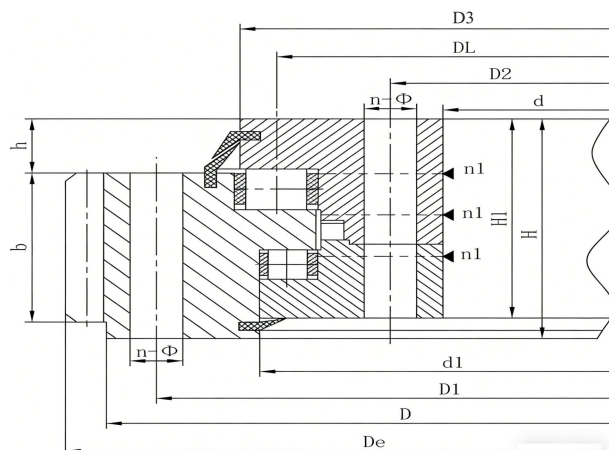


No.	External gear D L mm	Dimensions			Mounting Dimensions						Structural Dimension					Gear data					Tooth force		weight kg
		D mm	d mm	H mm	D 1 mm	D 2 mm	n	Ø mm	dm mm	L mm	D3 mm	d1 mm	n 1	H 1 mm	h mm	b mm	x	m mm	D e mm	z	Norm alizing Z10 ₄ N	Quenc hing T10 ₄ N	
8	131.32.1120	1284	956	182	1240	1000	40	22	M20	40	1161	1150	5	172	40	120	0.5	10	1338	131	15.1	20.9	820
	132.32.1120																	12	1341.6	109	18.1	25.1	
9	131.40.1250	1445	1055	220	1393	1107	45	26	M24	48	1300	1287	5	210	50	150	0.5	12	1509.6	123	22.9	31.4	1200
	132.40.1250																	14	1509.2	105	26.3	36.6	
10	131.40.1400	1595	1205	220	1543	1257	45	26	M24	48	1450	1437	5	210	50	150	0.5	12	1665.6	136	22.9	31.4	1300
	132.40.1400																	14	1663.2	116	26.3	36.6	
11	131.40.1600	1795	1405	220	1743	1457	48	26	M24	48	1650	1637	6	210	50	150	0.5	14	1873.2	131	26.3	36.6	1520
	132.40.1600																	16	1868.8	114	30.2	41.7	
12	131.40.1800	1995	1605	220	1943	1657	48	26	M24	48	1850	1837	6	210	50	150	0.5	14	2069.2	145	26.3	36.6	1750
	132.40.1800																	16	2076.8	127	30.2	41.7	
13	131.45.2000	2221	1779	231	2155	1845	60	33	M30	60	2055	2033	6	219	54	160	0.5	16	2300.8	141	32.2	44.5	2400
	132.45.2000																	18	2300.4	125	36.2	50.1	
14	131.45.2240	2461	2019	231	2395	2085	60	33	M30	60	2295	2273	6	219	54	160	0.5	16	2556.8	157	32.2	44.5	2700
	132.45.2240																	18	2552.4	139	36.2	50.1	



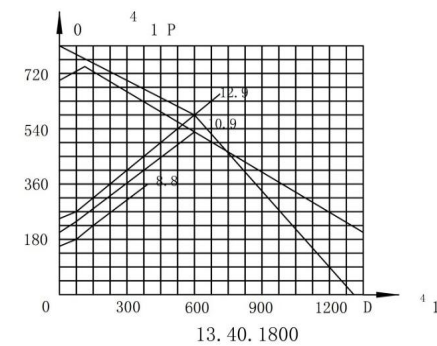
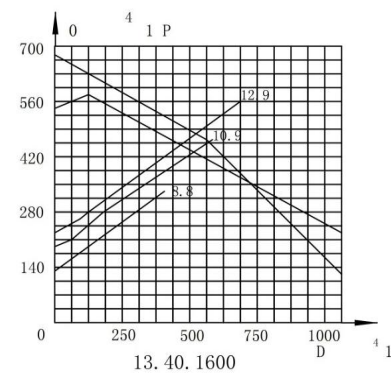
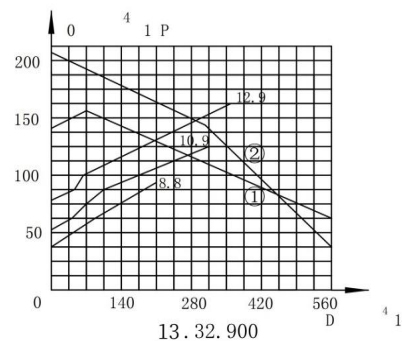
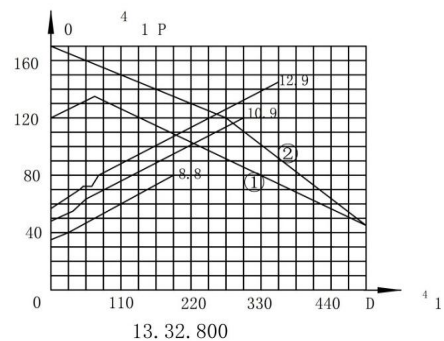
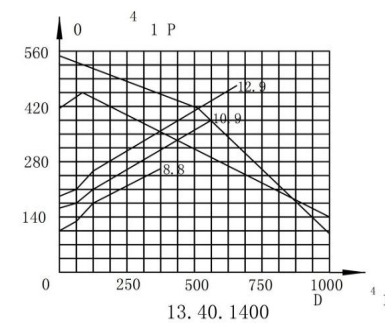
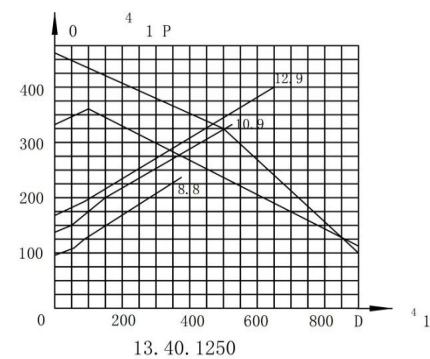
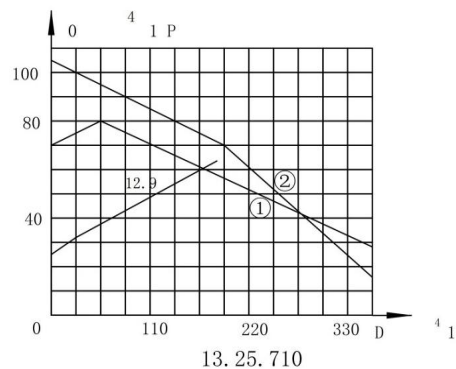
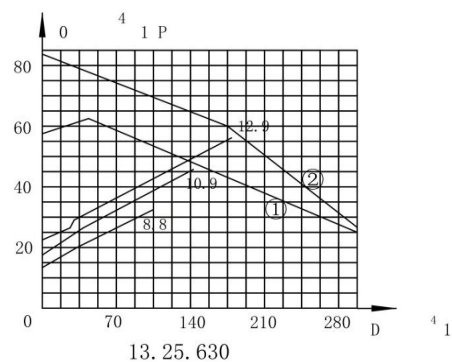
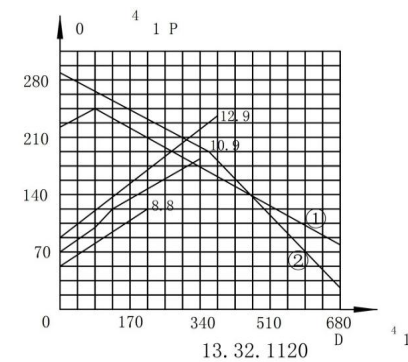
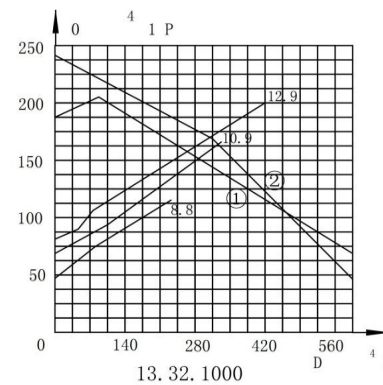
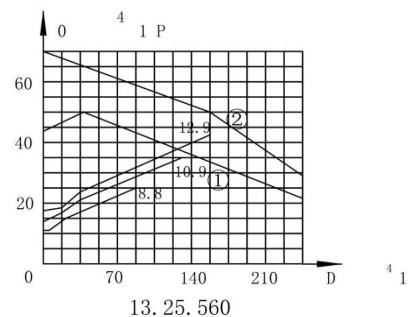
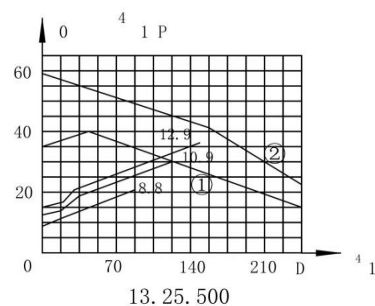
Three Row Roller Slewing Bearing

External Gear (131/132 Series)



No.	External gear D L mm	Dimensions			Mounting Dimensions						Structural Dimension					Gear data					Tooth force		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	b mm	x	m mm	D e mm	z	Norm alizing Z10 ₄ N	Quenc hing T10 ₄ N	
15	131.45.2500	2721	2279	231	2655	2345	72	33	M30	60	2555	2533	8	219	54	160	0.5	18	2822.4	154	36.2	50.1	3000
	132.45.2500																	20	2816	138	40.2	55.6	
16	131.45.2800	3021	2579	231	2955	2645	72	33	M30	60	2855	2833	8	219	54	160	0.5	18	3110.4	170	36.2	50.1	3400
	132.45.2800																	20	3116	153	40.2	55.6	
17	131.50.3150	3432	2868	270	3342	2958	72	45	M42	84	3213	3196	8	258	65	180	0.5	20	3536	174	45.2	62.6	5000
	132.50.3150																	22	3537.6	158	49.8	68.9	
18	131.50.3550	3832	3268	270	3742	3358	72	45	M42	84	3613	3596	8	258	65	180	0.5	20	3936	194	45.2	62.6	5680
	132.50.3550																	22	3933.6	176	49.8	68.9	
19	131.50.4000	4282	3718	270	4192	3808	80	45	M42	84	4063	4046	8	258	65	180	0.5	22	4395.6	197	49.8	68.9	6470
	132.50.4000																	25	4395	173	56.5	78.3	
20	131.50.4500	4782	4218	270	4692	4308	80	45	M42	84	4563	4546	8	258	65	180	0.5	22	4901.6	220	49.8	68.9	7320
	132.50.4500																	25	4895	193	56.5	78.3	

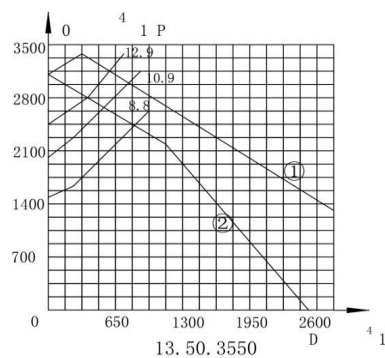
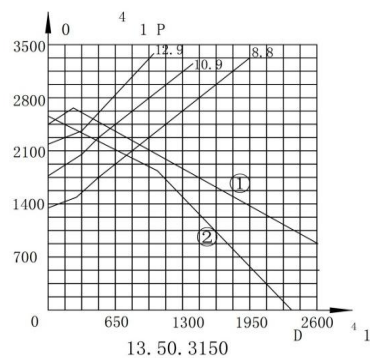
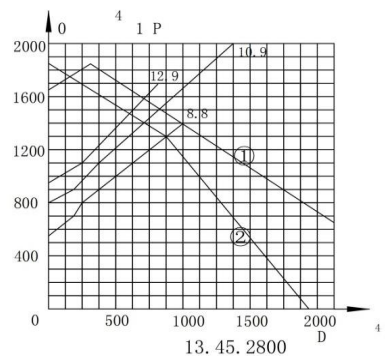
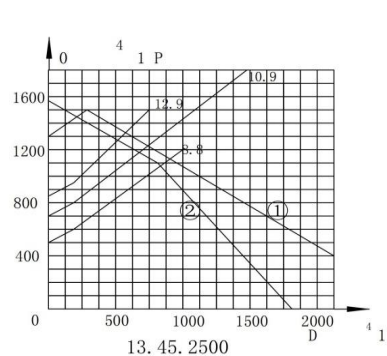
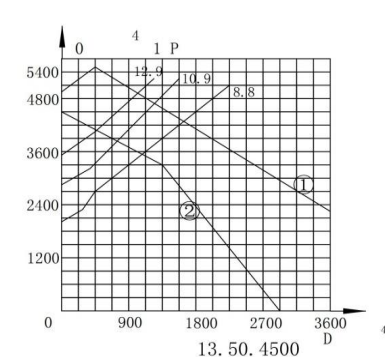
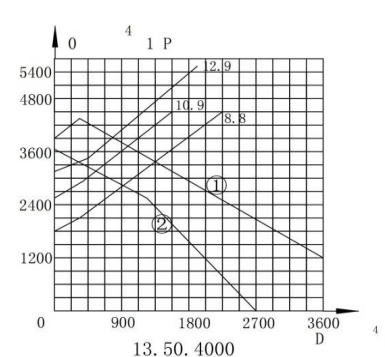
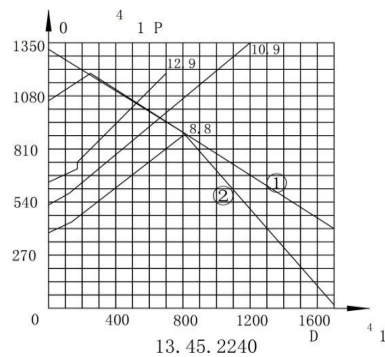
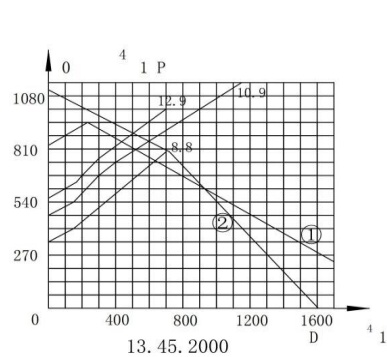
Four Point Contact Ball Slewing Bearing Load Curve



Four Point Contact Ball Slewing Bearing Load Curve



LUOYANG JIAWEI
BEARING CO., LTD.



Bearing Zone, Yiyang Industry Cluster District,
Luoyang City, Henan Province, China

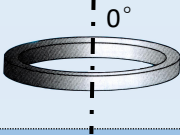
slewing-ringbearing.com

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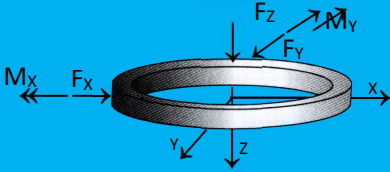
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ljw09@jw-bearing.com

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	°