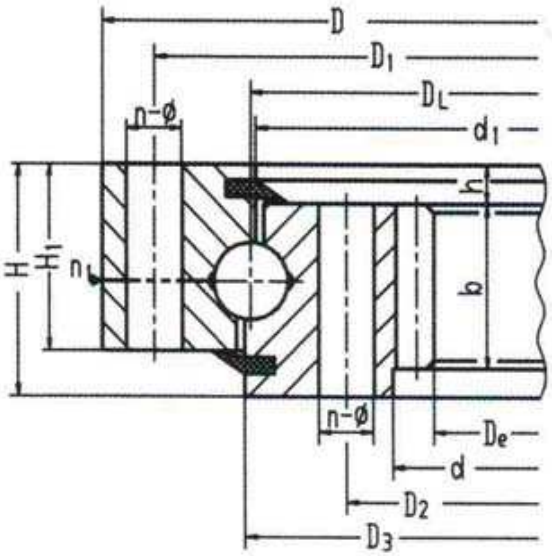
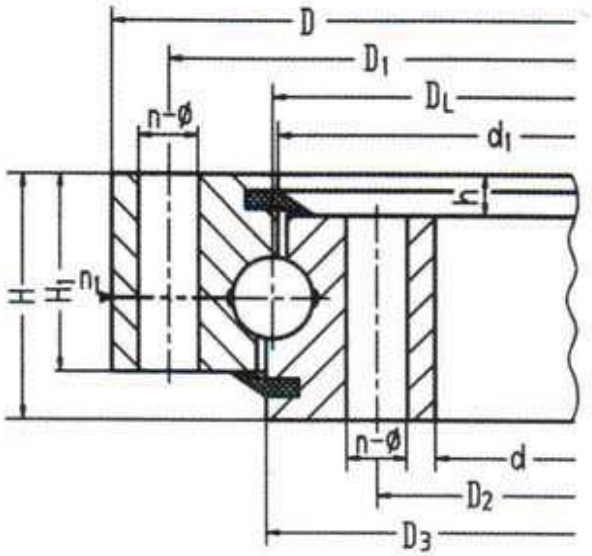
Single-row four point contact ball slewing ring bearing

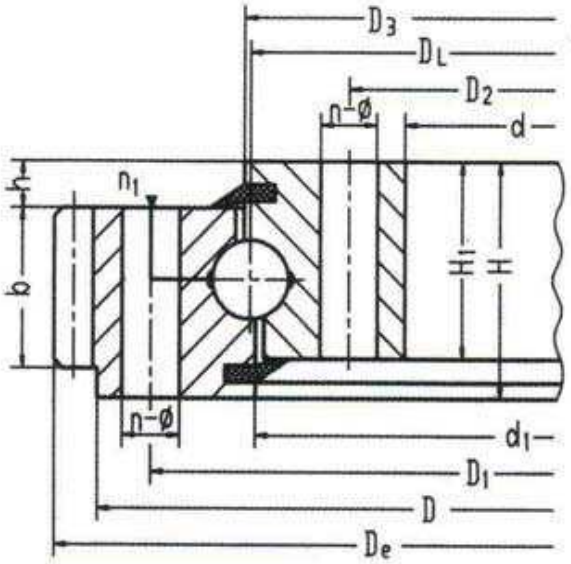
The single-row four point contact ball slewing ring is composed of 2 seat-rings.It features compact in design,and light in weight.The balls contact with the circular race at four points,via which the axial force,radial force and resultant moment may be born simultaneously.
It may be used for slewing conveyers,welding arm and positioner,light,medium duty cranes,excavators and other engineering machines.



QN



QU



QW

NO.	Basic Type	Configuration					Mouning Size						Styuctural Size					Gear Data							Weight(kg)	
No.	QU.QW.QN	Ext Toothing		Int Toothing		H	D_1	D_2	n	ϕ	M		n_1	D3	d1	H_1	h	b	m	Ext X=-0.5		Int X=+0.5		Ext	Int
		D	d	D	d					A	B.C.D									D_e	Z	D_e	Z		
										ϕ	ϕ	T													
1	500.20	590	407	593	410	60	555	445	14	17	M16	24	2	501	499	50	10	40	5	615	122	385	78	56	55
	500.20A																		6	624	103	378	64	58	57
2	560.20	654	464	656	468	70	618	502	14			30		561	599	60		50	4	680	169	440	111	78	76
	560.20A																		5	685	136	435	88	79	77
3	630.20	724	534	726	538	70	688	572	16			30		631	629				4	748	186	512	129	86	84
	630.20A																		5	755	150	505	102	88	86
4	710.20	804	614	806	618	70	768	652	18			30		711	709				5	835	166	585	118	99	97
	710.20A																		6	840	139	582	98	101	97
5	800.20	894	704	896	708	70	858	742	20			30		801	799				6	930	154	672	113	114	110
	800.20A																		8	936	116	664	84	114	111
6	800.25	904	692	908	694	78	864	736	18	22	M20	36		801	799	68		58	6	942	156	654	110	143	142
	800.25A													801	799				8	952	118	648	82	147	142
7	900.25	1004	792	1008	794	78	964	836	20			36		901	899				8	1048	130	744	94	162	163
	900.25A													901	899				10	1060	105	740	75	168	162
8	1000.25	1104	892	1108	894	78	1064	936	24			36		1001	999				8	1152	143	848	107	182	178
	1000.25A													1001	999				10	1160	115	840	85	185	179
9	1000.32	1120	876	1124	880	90	1074	926	24	24	M22	40		1001	999	80		70	8	1160	144	832	105	227	230
	1000.32A													1001	999				10	1170	116	830	84	232	227
10	1120.32	1240	996	1244	1000	90	1194	1046	28				4	1121	1199				10	1300	129	940	95	272	263
	1120.32A													1121	1199				12	1308	108	936	79	275	262
11	1250.32	1370	1126	1374	1130	90	1324	1176	32					1251	1249				10	1430	142	1070	108	302	294
	1250.32A													1251	1249				12	1440	119	1068	90	309	290
12	1400.32	1520	1276	1524	1280	90	1474	1326	36					1401	1399				12	1584	131	1212	102	337	333
	1400.32A													1401	1399				14	1596	113	1204	87	347	336

NO.	Basic Type	Configuration					Mouning Size						Styuctural Size						Gear Data							Weight(kg)	
No.	QU.QW.QN	Ext Toothing		Int Toothing		H	D_1	D_2	n	ϕ	M		n_1	D3	d1	H_1	h	b	m	Ext		Int				Ext	Int
																				X=-0.5		X=+0.5					
		D	d	D	d					A	B.C.D									D_e	Z	D_e	Z				
										ϕ	ϕ	T															
13	1250.40	1390	1108	1394	1110	102	1336	1164	32	26	M24	45	4	1251	1249	90	12	80	10	1450	144	1050	106			396	388
	1250.40A													1251	1249				12	1452	120	1044	88			392	388
14	1400.40	1540	1258	1544	1260	102	1486	1314	36					1401	1399				12	1608	133	1188	100			448	444
	1400.40A													1401	1399				14	1610	114	1190	86			443	434
15	1600.40	1740	1458	1744	1460	102	1686	1514	40					1601	1599				12	1812	150	1392	117			528	509
	1600.40A													1601	1599				14	1820	129	1386	100			534	511
16	1800.40	1940	1658	1944	1660	102	1886	1714	44					1801	1799				14	2016	143	1582	114			583	576
	1800.40A													1801	1799				16	2032	126	1568	99			607	591
17	1600.50	1762	1434	1766	1438	124	1704	1496	40	30	M27	50		1601	1599	112	12	100	12	1824	151	1368	115			714	714
	1600.50A													1601	1599				14	1834	130	1358	98			727	723
18	1800.50	1964	1634	1966	1638	124	1904	1696	44					1801	1799				14	2044	145	1568	113			845	794
	1800.50A													1801	1799				16	2048	127	1552	98			843	818
19	2000.50	2162	1834	2166	1842	124	2104	1896	48				6	2001	1999				16	2240	139	1760	111			912	891
	2000.50A													2001	1999				18	2250	124	1746	98			927	913
20	2240.50	2402	2074	2406	2078	124	2344	2136	54					2241	2239				16	2480	154	1984	125			1020	1044
	2240.50A													2241	2339				18	2502	138	1980	111			1078	1041
21	2500.50	2662	2334	2666	2342	124	2604	2396	60					2501	2499				18	2754	152	2250	126			1171	1132
	2500.50A													2501	2499				20	2760	137	2240	113			1175	1148
22	2500.60	2696	2304	2696	2308	150	2626	2374	60	33	M30	56		2501	2499	136	14	122	18	2790	154	2214	124			1677	1621
	2500.60A													2501	2499				20	2800	139	2200	111			1701	1654
23	2800.60	2992	2604	2996	2608	150	2926	2674	66	66				2801	2799				18	3078	170	2502	140			1817	1871
	2800.60A													2801	2799				20	3100	154	2500	126			1904	1857

The load graphs please refer to the 01 series.Specially ones please contact with us.