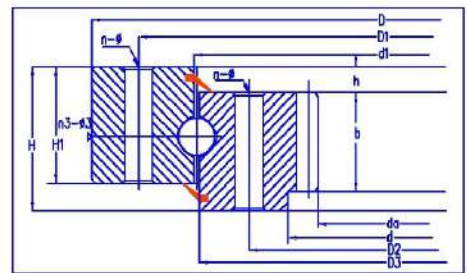
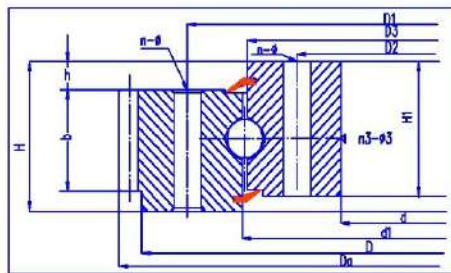
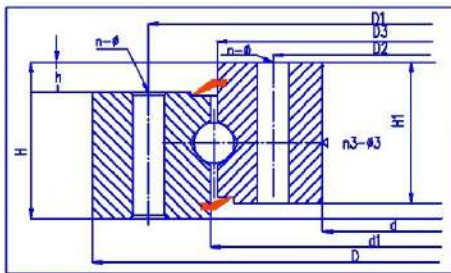


# Four Point Contact Ball Slewing Bearing 01 Series

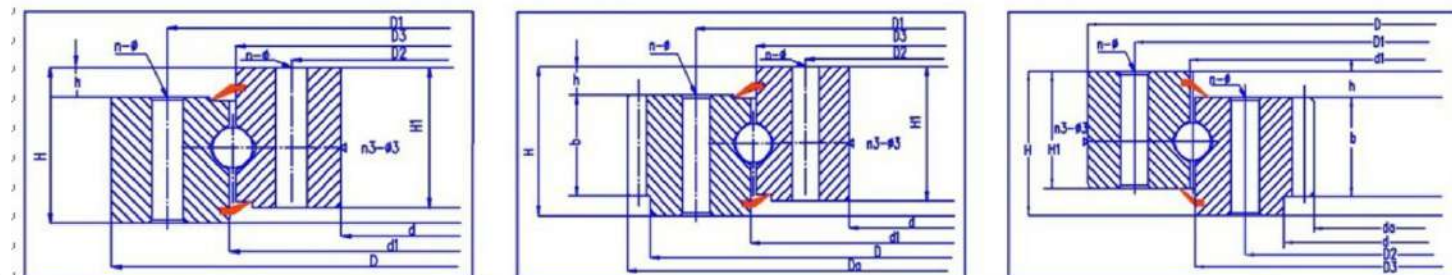
Slewing Bearing



Model			Overall Dimension			Mounting Dimension					Structure Dimension					Gear Parameter			External Gear		Internal Gear		Load	Weight	
None gear	External Gear	Internal Gear	D	d	H	D1	D2	N	φ	M	D3	d1	H1	h	n3	b	X	m	Da	Z	da	Z	10 <sup>4</sup> N	kg	
			mm			mm			mm			mm			mm			mm		mm					
010.20.200	011.20.200	/	280	120	60	248	152	12	16	M14	199	201	50	10	2	40	0	3	300	98	/	/	/	/	
010.20.224	011.20.224	/	304	144	60	272	176	12	16	M14	223	225	50	10	2	40	0	3	321	105	/	/	/	/	
010.20.250	011.20.250	/	330	170	60	298	202	18	16	M14	249	251	50	10	2	40	0	4	352	86	/	/	/	/	
010.20.280	011.20.280	/	360	200	60	328	232	18	16	M14	279	281	50	10	2	40	0	4	384	94	/	/	/	/	
010.25.315	011.25.315	013.25.315	408	222	70	372	258	20	18	M16	314	316	60	10	2	50	0	5	435	85	190	40	/	/	
010.25.355	011.25.355	013.25.355	448	262	70	412	298	20	18	M16	354	356	60	10	2	50	0	5	475	93	235	49	/	/	
010.25.400	011.25.400	013.25.400	493	307	70	457	343	20	18	M16	399	401	60	10	2	50	0	6	528	86	276	48	/	/	
010.25.450	011.25.450	013.25.450	543	357	70	507	393	20	18	M16	449	451	60	10	2	50	0	6	576	94	324	56	/	/	
010.30.500	011.30.500	013.30.500	602	398	80	566	434	20	18	M16	498.5	501.5	70	10	4	60	0.5	5	630	123	365	74	129	75.8	
	012.30.500	014.30.500																6	630	102	366	62	129	75.8	
010.25.500	011.25.500	013.25.500	602	398	80	566	434	20	18	M16	498.5	501.5	70	10	4	60	0.5	5	630	123	365	74	129	75.8	
	012.25.500	014.25.500																6	630	102	366	62	129	75.8	
010.30.560	011.30.560	013.30.560	662	458	80	626	494	20	18	M16	558.5	561.5	70	10	4	60	0.5	5	690	135	425	86	144	94	
	012.30.560	014.30.560																6	690	112	426.52	72	144	94	
010.25.560	011.25.560	013.25.560	662	458	80	626	494	20	18	M16	558.5	561.5	70	10	4	60	0.5	5	690	135	425	86	144	94	
	012.25.560	014.25.560																6	690	112	426.52	72	144	94	
010.30.630	011.30.630	013.30.630	732	528	80	696	564	24	18	M16	628.5	631.5	70	10	4	60	0.5	6	774	126	492	83	187	110	
	012.30.630	014.30.630																8	776	94	488	62	187	110	
010.25.630	011.25.630	013.25.630	732	528	80	696	564	24	18	M16	628.5	631.5	70	10	4	60	0.5	6	774	126	492	83	187	110	
	012.25.630	014.25.630																8	776	94	488	62	187	110	

Four Point Contact Ball Slewing Bearing 01 Series

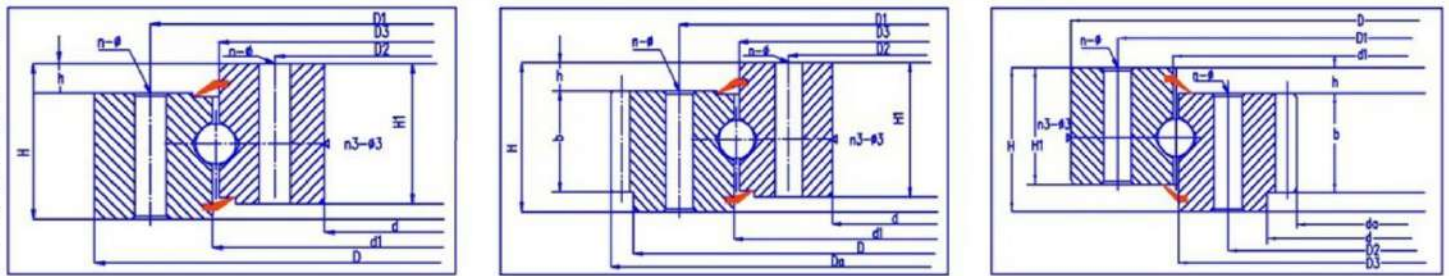
Slewing Bearing



None gear	Model		Overall Dimension			Mounting Dimension				Structure Dimension						Gear		External		Internal		Load	Mass			
	External Gear	Internal Gear	D	d	H	D1	D2	N	φ	M	D3	d1	H1	h	n3	b	X	m	Da	Z	da	Z	10 <sup>4</sup> N	kg		
			mm			mm						mm								mm		mm				
010.30.710	011.30.710	013.30.710	812	608	80	776	644	24	18	M16	708.5	711.5	70	10	4	60	0.5	6	852	139	570	86	212	120		
	012.30.710	014.30.710																8	856	104	568	72	212	120		
010.25.710	011.25.710	013.25.710	812	608	80	776	644	24	18	M16	708.5	711.5	70	10	4	60	0.5	6	852	139	570	86	212	120		
	012.30.710	014.25.710																8	856	104	568	72	212	120		
010.30.955	/	/	1098	893	90	1060	845	48/	22	M20	956.5	953.5	71	19	6	/	/	/	/	/	/	/	270	126		
010.40.800	011.40.800	013.40.800	922	678	100	878	722	30	22	M20	198.5	801.5	90	10	6	80	0.5	8	968	118	632	80	313	256		
	012.40.800	014.40.800																10	970	94	630	64	313	256		
010.30.800	011.30.800	013.30.800	922	678	100	878	722	30	22	M20	198.5	801.5	90	10	6	80	0.5	8	968	118	632	80	313	256		
	012.30.800	014.30.800																10	970	94	630	64	313	256		
010.40.900	011.40.900	013.40.900	1022	778	100	978	822	30	22	M20	898.5	901.5	90	10	6	80	0.5	8	1064	130	736	93	355	240		
	012.40.900	014.40.900																10	1070	104	730	74	355	240		
010.30.900	011.30.900	013.30.900	1022	778	100	978	822	30	22	M20	898.5	901.5	90	10	6	80	0.5	8	1064	130	736	93	355	240		
	012.30.900	014.30.900																10	1070	104	730	74	355	240		
010.40.1000	011.40.1000	013.40.1000	1122	878	100	1078	922	36	22	M30	998.5	1001.5	90	10	6	80	0.5	10	1190	116	820	83	394	305		
	012.40.1000	014.40.1000																12	1188	96	816	69	394	305		
010.30.1000	011.30.1000	013.30.1000	1122	878	100	1078	922	36	22	M30	998.5	1001.5	90	10	6	80	0.5	10	1190	116	820	83	394	305		
	012.30.1000	014.30.1000																12	1188	96	816	69	394	305		
010.40.1120	011.40.1120	013.40.1120	1242	998	100	1198	1042	36	22	M30	1118	1122	90	10	6	80	0.5	10	1300	127	940	95	443	300		
	012.40.1120	014.40.1120																12	1308	106	936	79	443	300		
	011.40.1120.12K		1242	998	100	1198	1042	18	22	M30	1118.5	1121.5	90	10	6	80	0.5	10	1300	127	/	/	334	352		
	012.40.1120.12K1										1118	1121						10	1298	127	/	/	334	334		

Four Point Contact Ball Slewing Bearing 01 Series

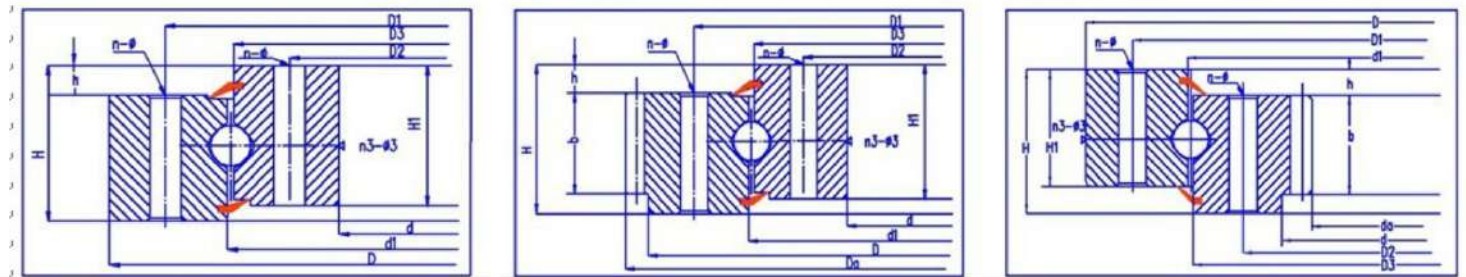
Slewing Bearing



Model			Overall Dimension			Mounting Dimension					Structure Dimension					Gear Parameter			External Gear		Internal Gear		Load	Mass
None gear	External Gear	Internal Gear	D	d	H	D1	D2	N	φ	M	D3	d1	H1	h	n3	b	X	m	External Gear		Internal Gear		10 <sup>4</sup> N	kg
			mm			mm					mm								mm	Z	mm	Z		
010.30.1120	011.30.1120	013.30.1120	1242	998	100	1198	1042	36	22	M30	1118	1122	90	10	6	80	0.5	10	1300	127	940	95	443	300
	012.30.1120	014.30.1120																	1308	106	936	79	443	300
010.45.1250	011.45.1250	013.45.1250	1390	1110	110	1337	1163	40	26	M42	1248	1252	100	10	6	90	0.5	12	1452	118	1044	88	554	420
	011.45.1250	014.45.1250																	1456	101	1036	75	554	420
010.35.1250	011.35.1250	013.35.1250	1390	1110	110	1337	1163	40	26	M42	1248	1252	100	10	6	90	0.5	12	1452	118	1044	88	554	420
	011.35.1250	014.35.1250																	1456	101	1036	75	554	420
010.45.1400	011.45.1400	013.45.1400	1540	1260	110	1487	1313	40	26	M42	1398	1402	100	10	6	90	0.5	12	1608	131	1188	100	617	480
	012.45.1400	014.45.1400																	1610	112	1190	86	617	480
010.35.1400	011.35.1400	013.35.1400	1540	1260	110	1487	1313	40	26	M42	1398	1402	100	10	6	90	0.5	12	1608	131	1188	100	617	480
	012.35.1400	014.35.1400																	1610	112	1190	86	617	480
010.45.1600	011.45.1600	013.45.1600	1740	1460	110	1687	1513	45	26	M42	1598	1602	100	10	6	90	0.5	14	1820	127	1386	100	702	550
	012.45.1600	014.45.1600																	1824	111	1376	87	702	550
010.35.1600	011.35.1600	013.35.1600	1740	1460	110	1687	1513	45	26	M42	1598	1602	100	10	6	90	0.5	14	1820	127	1386	100	702	550
	012.35.1600	014.35.1600																	1824	111	1376	87	702	550
010.45.1800	011.45.1800	013.45.1800	1940	1660	110	1887	1713	45	26	M42	1798	1802	100	10	8	90	0.5	14	2016	141	1568	113	793	610
	012.45.1800	014.45.1800																	2016	123	1568	99	793	610
	011.45.1800.05	/																	1660	110	1887	1713	45	26
010.35.1800	011.35.1800	013.35.1800	1940	1660	110	1887	1713	45	26	M42	1798	1802	100	10	8	90	0.5	14	2016	141	1568	113	793	610
	012.35.1800	014.35.1800																	2016	123	1568	99	793	610

Four Point Contact Ball Slewing Bearing 01 Series

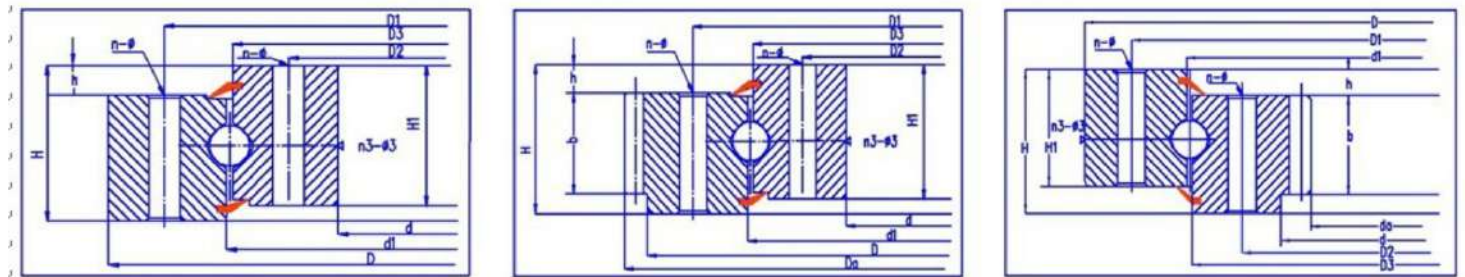
Slewing Bearing



Model			Overall Dimension			Mounting Dimension					Structure Dimension					Gear Parameter			External Gear		Internal Gear		Load	Mass
None gear	External Gear	Internal Gear	D	d	H	D1	D2	N	φ	M	D3	d1	H1	h	n3	b	X	m	Da	Z	da	Z	10 <sup>4</sup> N	kg
			mm			mm			mm					mm			mm			mm		mm		
010.60.2000	011.60.2000	013.60.2000	2178	1825	144	2110	1891	48	33	M30	1998	2002	132	12	8	120	0.5	16	2272	139	1728	109	1210	1100
	012.60.2000	014.60.2000	2178	1825	144	2110	1891	48	33	M30	1998	2002	132	12	8	120	0.5	18	2268	123	1728	97	1210	1100
	012.60.2000.12K			/	/	/	2160	1825	45	33	M30	1998	2002	132	12	8	120	0.5	16	2240	139	/	/	1122
010.40.2000	011.40.2000	013.40.2000	2178	1825	144	2110	1891	48	33	M30	1998	2002	132	12	8	120	0.5	16	2272	139	1728	109	1210	1100
	012.40.2000	014.40.2000	2178	1825	144	2110	1891	48	33	M30	1998	2002	132	12	8	120	0.5	18	2268	123	1728	97	1210	1100
010.60.2240	011.60.2240	013.60.2240	2418	2065	144	2350	2131	48	33	M30	2237.5	2245.5	132	12	8	120	0.5	16	2496	153	1984	125	1350	1250
	012.60.2240	014.60.2240	2418	2065	144	2350	2131	48	33	M30	2237.5	2245.5	132	12	8	120	0.5	18	2502	136	1980	111	1350	1250
010.40.2240	011.40.2240	013.40.2240	2418	2065	144	2350	2131	48	33	M30	2237.5	2245.5	132	12	8	120	0.5	16	2496	153	1984	125	1350	1250
	012.40.2240	014.40.2240	2418	2065	144	2350	2131	48	33	M30	2237.5	2245.5	132	12	8	120	0.5	18	2502	136	1980	111	1350	1250
010.60.2500	011.60.2500	013.60.2500	2678	2325	144	2610	2391	56	33	M30	2497.5	2502.5	132	12	8	120	0.5	18	2772	151	2332	125	1500	1400
	012.60.2500	014.60.2500	2678	2325	144	2610	2391	56	33	M30	2497.5	2502.5	132	12	8	120	0.5	20	2780	136	2220	112	1500	1400
010.40.2500	011.40.2500	013.40.2500	2678	2325	144	2610	2391	56	33	M30	2497.5	2502.5	132	12	8	120	0.5	18	2772	151	2332	125	1500	1400
	012.40.2500	014.40.2500	2678	2325	144	2610	2391	56	33	M30	2497.5	2502.5	132	12	8	120	0.5	20	2780	136	2220	112	1500	1400
010.60.2800	011.60.2800	013.60.2800	2978	2625	144	2910	2691	56	33	M30	2797.5	2802.5	132	12	8	120	0.5	18	3078	168	2520	141	1680	1600
	012.60.2800	014.60.2800	2978	2625	144	2910	2691	56	33	M30	2797.5	2802.5	132	12	8	120	0.5	20	3080	151	2520	127	1680	1600
010.40.2800	011.40.2800	013.40.2800	2978	2625	144	2910	2691	56	33	M30	2797.5	2802.5	132	12	8	120	0.5	18	3078	168	2520	141	1680	1600
	012.40.2800	014.40.2800	2978	2625	144	2910	2691	56	33	M30	2797.5	2802.5	132	12	8	120	0.5	20	3080	151	2520	127	1680	1600

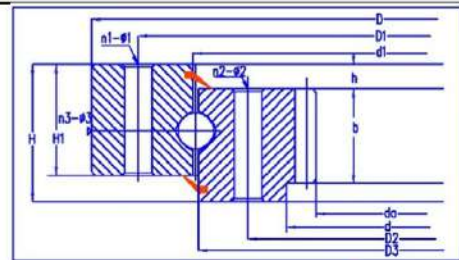
Four Point Contact Ball Slewing Bearing 01 Series

Slewing Bearing



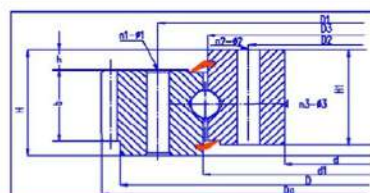
Model			Overall Dimension			Mounting Dimension					Structure Dimension					Gear Parameter			External Gear		Internal Gear		Load	Mass
None gear	External Gear	Internal Gear	D	d	H	D1	D2	N	φ	M	D3	d1	H1	h	n3	b	X	m	Da	Z	da	Z	10 <sup>4</sup> N	kg
			mm			mm					mm					mm		mm	mm		mm			
010.75.3150	011.75.3150	013.75.3150	3376	2922	144	3286	3014	56	45	M42	3147.5	3152.5	162	12	8	150	0.5	20	3480	171	2820	142	2380	2800
	012.75.3150	014.75.3150														150	0.5	22	3476	115	2816	129	2380	2800
010.50.3150	011.50.3150	013.50.3150	3376	2922	144	3286	3014	56	45	M42	3147.5	3152.5	162	12	8	150	0.5	20	3480	171	2820	142	2380	2800
	012.50.3150	014.50.3150														150	0.5	22	3476	115	2816	129	2380	2800
010.75.3550	011.75.3550	013.75.3550	3776	3322	144	3686	3414	56	45	M42	3547.5	3552.5	162	12	8	150	0.5	20	3880	191	3220	162	2690	3200
	012.75.3550	014.75.3550														150	0.5	22	3894	174	3212	147	2690	3200
010.50.3550	011.50.3550	013.50.3550	3776	3322	144	3686	3414	56	45	M42	3547.5	3552.5	162	12	8	150	0.5	20	3880	191	3220	162	2690	3200
	012.50.3550	014.50.3550														150	0.5	22	3894	174	3212	147	2690	3200
010.75.4000	011.75.4000	013.75.4000	4226	3772	144	4136	3864	60	45	M42	3997.5	4002.5	162	12	10	150	0.5	22	4334	194	3652	167	3020	3600
	012.75.4000	014.75.4000														150	0.5	25	4350	171	3650	147	3020	3600
010.50.4000	011.50.4000	013.50.4000	4226	3772	144	4136	3864	60	45	M42	3997.5	4002.5	162	12	10	150	0.5	22	4334	194	3652	167	3020	3600
	012.50.4000	014.50.4000														150	0.5	25	4350	171	3650	147	3020	3600
010.75.4500	011.75.4500	013.75.4500	4726	4272	144	4636	4364	60	45	M42	4497.5	4502.5	162	12	8	150	0.5	22	4840	271	4158	190	3410	4000
	012.75.4500	014.75.4500														150	0.5	25	4850	191	4150	167	3410	4000
010.50.4500	011.50.4500	013.50.4500	4726	4272	144	4636	4364	60	45	M42	4497.5	4502.5	162	12	8	150	0.5	22	4840	271	4158	190	3410	4000
	012.50.4500	014.50.4500														150	0.5	25	4850	191	4150	167	3410	4000

Internal Gear



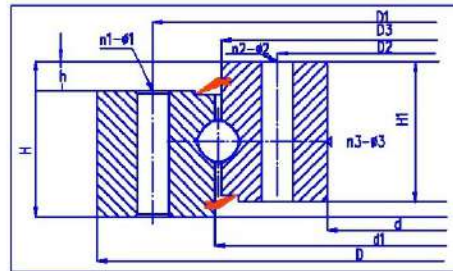
Model	Dimension			Mounting dimension						Structure dimension						Gear parameter			Internal Gear		Load	Mass
	D	d	H	D <sub>1</sub>	D <sub>2</sub>	n <sub>1</sub>	n <sub>2</sub>	Φ <sub>1</sub>	Φ <sub>2</sub>	D <sub>3</sub>	d <sub>1</sub>	H <sub>1</sub>	h	n <sub>3</sub>	Φ <sub>3</sub>	m	b	x	d <sub>a</sub>	Z		
	mm			mm		pc		mm		mm						mm	mm		mm			
2788/850K	976	850	80	--	--	--	--	--	--	916	919	80	--	--	--	2	20	0	816	456	174	117
3-646G2	1200	--	56	1170	1044	16	24	17.5	10.5	1088	1092	46	12	4	M8*1	6	44	0	985	166	210	84.1
2782/1000GK	1270	1000	100	1220	1050	24	24	17/M12	17/M12	1133	1137	85	15	2	M10*1	6	70	0	972.6	164	384	322
2787/1210G2	1530	1210	122	1480	1260	40	40	26	26	1368	1372	108	12	4	M10*1	10	80	0	1164	118	713	540
2787/1400GK	1715	1400	110	1660	1460	24	24	M20	M20	1558	1562	95	15	2	M12*1.25	6	77	-0	1364.5	230	365	545
2787/1400GK1	1715	1400	110	1660	1460	24	24	23	23	1558	1562	95	15	2	M10*1	6	77	-0	1364.5	230	365	545
2787/1440	1780	1440	100	1730	1494	48	48	22	M20	1618	1622	85	10	4	M12*1.25	8	50	0	1400	177	503	554
2787/1440G	1780	1440	100	1730	1494	48	48	22	M20	1618	1622	85	10	4	M12*1.25	8	50	0	1400	177	578	554
2768/1440G	1780	1440	104	1730	1494	48	48	22	M20	1613	1627	87	10	6	M12*1.25	8	52	0	1400	177	578	555
2787/1525G2	1875	1525	140	1815	1585	42	42	29	29	1698	1702	122	17	4	M12*1.25	16	110	0.4	1452.3	92	873	1019
2788/1712	2050	1790	112	2006	1847	36	72	22	22	1925	1926	92	12	18	M10*1	16	100	-1	1712	108	604	663
2789/2230	2488	2230	160	2445	2275	48	48	M20	M22	2337.5	2342.5	135	5	8	ZG1/4in	18	145	0	2144.3	121	1247	1114
2789/2240G2	2500	2240	140	2454	2280	56	56	M24	M24	2357.5	2362.5	115	5	8	M14*1.5	18	125	0	2145.6	121	856	1161
2789/2735	2990	2735	160	2954	2770	48	48	M20	M24	2835	2845	135	5	8	ZG1/4in	22	144	0	2624.6	121	1559	1457

External Gear



Model	Dimension			Mounting dimension						Structure dimension						Gear parameter			Internal Gear		Load	Mass
	D	d	H	D <sub>1</sub>	D <sub>2</sub>	n <sub>1</sub>	n <sub>2</sub>	Φ <sub>1</sub>	Φ <sub>2</sub>	D <sub>3</sub>	d <sub>1</sub>	H <sub>1</sub>	h	n <sub>3</sub>	Φ <sub>3</sub>	m	b	x	Da	Z		
	mm			mm		pc		mm		mm						mm	mm		mm			
D178794	694	470	77	630	500	18	18	M16	18	567.5	564.5	64	13	6	M10*1	6	60	0	696	114	157	93.1
1787/600G	786	600	72	740	636	20	24	M18*2.5	19	689	691	60	7	4	ZG1/8in	6	50	0	789	131	107	94.1
1787/674G2	853	674	70	825	709	34	23	20	M20	764	768	59	10	2	ZG1/8in	7	50	0	889	125	183	89
1787/674G2K	853	674	70	825	709	34	24	18	18	764	768	59	10	2	ZG1/8in	7	50	0	889	125	183	88.6
1787/710G2	894	710	67	845	744	8	8	M10	M10	798	806	58	9	3	M10*1	6	55	0	924	152	179	107
1787/710G2K	894	710	67	875	760	8	12	M10	M12	798	806	58	9	3	M10*1	6	55	0	924	152	179	107
1787/710G2K1	894	710	67	865	744	20	20	13	13	798	806	58	9	4	M10*1	6	55	0	924	152	179	107
1787/800G	1050	800	90	1012	838	30	30	20	20	923	927	76	16	3	M10*1	6	60	0	1092	180	215	217
1787/800GK	1050	800	90	1012	838	30	30	20	20	923	927	76	16	3	M10*1	6	60	0	1092	180	215	217
1788/1040G2	--	1040	80	1220	1080	30	30	M16	17.5	1153	1157	70	10	--	--	10	70	0	1314.1	125	297	251
1787/1060G	1335	1060	109	1295	1105	24	24	M20	22	1198	1202	100	9	4	M8*1	10	80	-1	1388	138	501	407
1787/1075	1365	1075	120	1310	1130	36	36	26	26	1218	1222	105	15	4	M8*1	8	90	0	1424	176	463	463
1787/1075K	1365	1075	130	1310	1130	36	36	24	24	1218	1222	105	10	--	--	10	120	0	1420	140	463	550
1787/1075G2	1365	1075	120	1310	1130	36	36	24	24	1218	1222	105	15	4	M10*1	10	90	1.4	1424.9	138	463	463
1787/1075G2K	1365	1075	120	1310	1130	36	36	M24	26	1218	1222	105	15	4	M8*1	8	90	0	1424	176	463	463
1787/1330G2	1475	1330	82	1510	1362	24	24	18.5	18.5	1439	1445	70	12	6	M10*1	9	70	0	1584	174	353	280
3-647G	1407	1352	100	1370	1404	18	13	M8	M10	1390	1394	63	--	8	6	5	60	0	1449	320	216	143
1788/1410G2	--	1410	85	1590	1454	36	36	M16	17.5	1524.6	1528.6	70	15	--	--	10	70	0	1676.4	160	395	312
1787/1640G	2050	1640	160	1990	1710	30	30	28	28	1844	1856	140	20	2	M14*1.5	10	105	-1	2108	210	1118	1264
1787/1700	1945	1700	120	1900	1750	24	24	M18	21	1825	1845	110	10	4	M10*1	5	35	0	1970	392	405	516
1789/1700GM	2052	1700	100	1980	1780	24	24	20	M18	1878	1882	90	10	4	M14*1.5	5	50	0	2080	414	551	678
1787/2650G2	2885	2650	100	2850	2700	48	48	M20	M20	2777	2781	80	10	6	ZG1/4in	12	80	0	2949.6	244	913	751

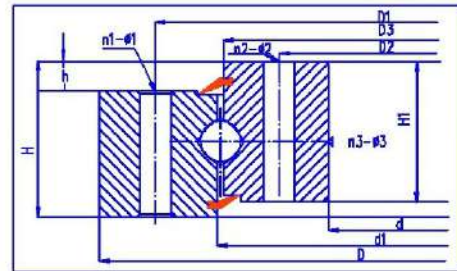
**Non Gear**



Model	Dimension			Mounting dimension						Structure dimension						Load	Mass
	D	d	H	D <sub>1</sub>	D <sub>2</sub>	n <sub>1</sub>	n <sub>2</sub>	Φ <sub>1</sub>	Φ <sub>2</sub>	D <sub>3</sub>	d <sub>1</sub>	H <sub>1</sub>	h	n <sub>3</sub>	Φ <sub>3</sub>		
	mm			mm		pc		mm		mm							
116752	480	260	60	444	296	16	16	14	14	360	380	60	--	--	--	75.4	55
116752K	480	260	60	--	--	--	--	--	--	360	380	60	--	--	--	75.4	58.6
176792	590	460	45	570	488	8	12	M10	10	518	542	45	--	--	--	62.6	35.9
176792K	590	460	45	570	488	12	12	10	10	518	542	45	--	--	--	62.6	36
176792K2M	590	460	45	570	488	12	8	10	10	526	534	45	--	--	--	94.4	30.8
1167/530	780	530	60	740	560	20	20	17	13	645	665	35	--	--	--	112	103
1167/560	720	560	36	690	590	12	12	14	12	638.5	641.5	33	3	--	--	70.8	40.3
1167/560K	720	560	36	690	590	12	32	M12	16	634	646	36	3	--	--	70.8	39.2
1167/560M	720	560	36	690	590	12	12	14	12	638.5	641.5	36	3	--	--	70.8	38.1
1168/560	780	560	60	--	--	--	--	--	--	645	668	60	3	--	--	224	103
11768/630	780	630	69	--	--	--	--	--	--	718	722	69	--	--	--	111	79.4
1167/700	900	700	36	860	740	12	12	M16	17	796	804	36	3	--	--	179	60
E787/760G2	950	760	80	915	795	24	24	18	M16	853.5	856.5	71	9	4	M10*1	203	138
3-640	1000	775	64	948	802	24	12/12	M12	13/M12	878	882	49	15	2	M8*1	196	112
3-640K	1000	775	64	948	802	24	12/12	M12	13/M12	878	882	49	15	2	M8	196	112



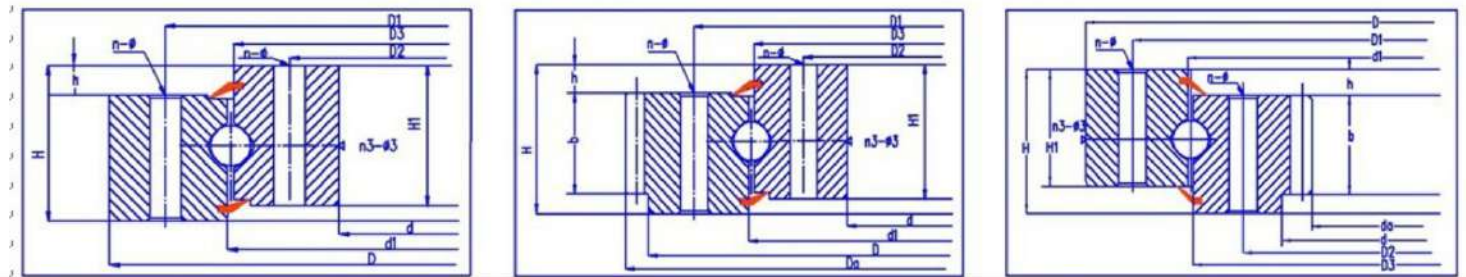
None Gear



Model	Dimension			Mounting dimension						Structure dimension						Load 10 <sup>4</sup> N	Mass Kgs
	D	d	H	D <sub>1</sub>	D <sub>2</sub>	n <sub>1</sub>	n <sub>2</sub>	Φ <sub>1</sub>	Φ <sub>2</sub>	D <sub>3</sub>	d <sub>1</sub>	H <sub>1</sub>	h	n <sub>3</sub>	Φ <sub>3</sub>		
	mm			mm		pc		mm		mm							
787/800G	1050	800	90	1012	838	30	30	20	20	923	927	76	16	3	M10*1	215	192
71769/850Y	1120	850	85	1074	924	12	12	M20	22	995	1010	85	--	--	--	151	248
71769/850G2K	1120	850	85	1074	924	12	12	17	22	999	1003	85	--	--	--	210	257
787/932G2	1200	932	120	1148	984	40	40	26	M24	1064	1068	100	20	4	G1/4in	349	328
787/960G2	1165	960	90	1135	1040	36	36	18	M16	1073	1077	78	14	6	M10*1	249	202
787/1000G2	1250	1000	100	1206	1044	12	12	18	M16	1123	1127	90	10	3	M10*1	540	283
787/1260G2	1509	1260	90	1465	1315	36	36	22	M20	1386	1389	70	14	2	ZG1/8in	378	274
71169/1400Y	1820	1400	136	1750	1470	24	24	35	35	1608	1612	136	--	4	M10*1	611	1114
71169/1400Y1	1820	1400	136	1750	1470	24	24	35	35	1608	1612	136	--	4	M10*1	1070	1120
787/1440G2	1780	1440	100	1730	1494	48	48	22	M20	1618	1622	85	15	4	M12*1.25	503	533
787/1628G2	1927	1628	130	1875	1680	36	36	26	M24	1774	1778	115	15	6	G1/4in	692	732
787/1700KM	2000	1700	150	1950	1750	24	24	21	21	1842	1858	130	20	4	M10*1	684	826
KDL900-6	1050	832	56	1020	862	12	12	18	18	942	946	45	--	4	M6	227	52.5
LY-Q007	485	275	55	453	307	16	16	18	M16	381	386	50	5	4	M10*1	87.2	43.7
LY-Q007K	485	275	55	453	307	16	16	18	18	381	386	50	5	4	M10*1	87.2	43.7
LY-Q020	440	240	55	400	280	18	18	M20-7H	22	340	342	50	5	3	M10*1	78.2	34.7

Four Point Contact Ball Slewing Bearing HS Series

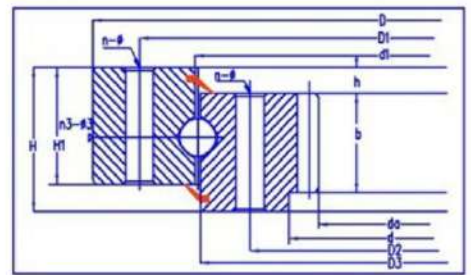
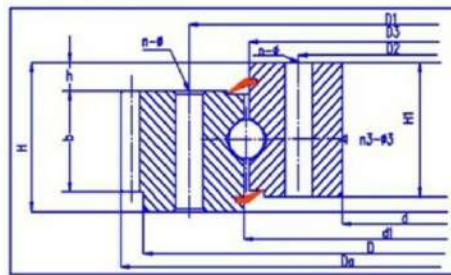
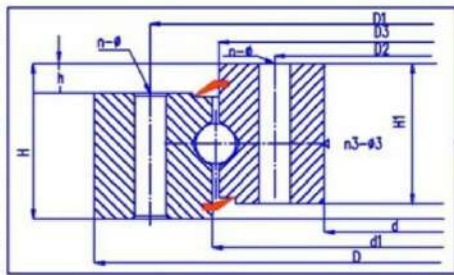
Slewing Bearing



Model			Overall Dimension			Mounting Dimension			Structure Dimension			Gear Parameter		External Gear		Internal Gear		Mass			
Non Gear	External Gear	Internal Gear	D	d	H	D1	D2	n	φ	n3	H1	h	b	m	x	Da	Z	x	da	Z	kgs
HSB.25.625	HSW.25.625	HSN.25.625	725	525	80	685	565	18	18	3	68	12	60	5	1.25	751.9	146	0.35	498.8	101	100
	HSW.25.625A	HSN.25.625A												6	1	755.5	122	0.35	496.7	84	
HSB.25.720	HSW.25.720	HSN.25.720	820	620	80	780	660	18	18	3	68	12	60	6	1.25	860.3	139	0.35	586.6	99	120
	HSW.25.720A	HSN.25.720A												8	0.85	861.1	104	0.35	582.3	74	
HSB.30.820	HSW.30.820	HSN.30.820	940	705	95	893	749	24	20	4	83	12	70	6	1.25	980.4	159	0.35	664.5	112	210
	HSW.30.820A	HSN.30.820A												10	0.85	986.2	95	0.35	658	67	
HSB.30.(32)880	HSW.30.(32)880	HSN.30.(32)880	1000	760	95	956	800	24	20	4	83	12	70	8	1	1047.5	127	0.35	718.2	91	230
	HSW.30.(32)880A	HSN.30.(32)880A												10	0.85	1046.3	101	0.35	707.9	72	
HSB.30.(32)1020	HSW.30.(32)1020	HSN.30.(32)1020	1170	875	95	1120	930	24	22	4	80	15	70	8	1.25	1219.3	148	0.35	830.1	105	300
	HSW.30.(32)1020A	HSN.30.(32)1020A												10	1	1219.2	118	0.35	827.8	84	
HSB.30.(40)1220	HSW.30.(40)1220	HSN.30.(40)1220	1365	1075	120	1310	1130	36	24	6	105	15	90	10	1.25	1424.9	138	0.35	1027.8	104	450
	HSW.30.(40)1220A	HSN.30.(40)1220A												12	0.85	1435.9	116	0.35	1017.3	86	
HSB.35.(40)1250	HSW.35.(40)1250	HSN.35.(40)1250	1400	1090	120	1350	1150	36	26	6	105	15	90	10	0.35	1443	143	0.35	1037	105	520
	HSW.35.(40)1250A	HSN.35.(40)1250A												12	0.85	1449.6	117	0.35	1028.8	87	
HSB.35.(40)1435	HSW.35.(40)1435	HSN.35.(40)1435	1595	1278	120	1535	1335	36	26	6	105	15	90	12	1	1655.5	134	0.35	1221.2	103	610
	HSW.35.(40)1435A	HSN.35.(40)1435A												14	0.85	1661.2	115	0.35	1214.8	88	
HSB.35.(50)1540	HSW.35.(50)1540	HSN.35.(50)1540	1720	1360	140	1660	1420	42	26	6	122	18	110	12	1.4	1780.8	144	0.35	1293.1	109	732
	HSW.35.(50)1540A	HSN.35.(50)1540A												14	1	1791.1	124	0.35	1284.8	93	
HSB.35.(50)1700	HSW.35.(50)1700	HSN.35.(50)1700	1875	1525	140	1815	1585	42	29	6	122	18	110	14	1	1945.4	135	0.35	1452.7	105	844
	HSW.35.(50)1700A	HSN.35.(50)1700A												16	1	1950.8	118	0.35	1452.3	92	

Four Point Contact Ball Slewing Bearing HS Series

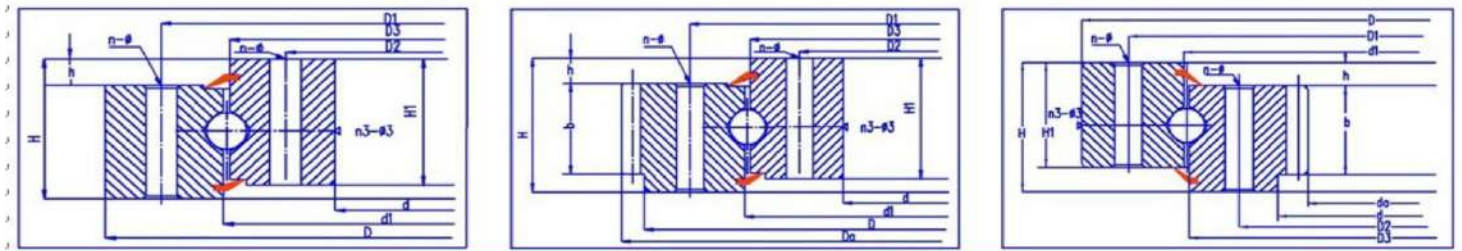
Slewing Bearing



Model			Overall Dimension			Mounting Dimension				Structure Dimension			Gear Parameter		External Gear			Internal Gear			Mass
Non Gear	External Gear	Internal Gear	D	d	H	D1	D2	n	φ	n3	H1	h	b	m	x	Da	Z	x	da	Z	kgs
HSB.40.(50)1880	HSW.40.(50)1880	HSN.40.(50)1880	2100	1665	160	2030	1740	48	32	6	140	20	118	14	1.25	2189.8	152	0.35	1592.6	115	1400
	HSW.40.(50)1880A	HSN.40.(50)1880A												18	1	2194.6	118	0.35	1579.9	89	
HSB.40.(50)2115	HSW.40.(50)2115	HSN.40.(50)2115	2325	1900	160	2245	1980	48	32	6	140	20	115	16	1.25	2406.5	146	0.35	1804.1	114	1600
	HSW.40.(50)2115A	HSN.40.(50)2115A												20	1	2418.4	117	0.35	1795.4	91	
HSB.40.(60)2370	HSW.40.(60)2370	HSN.40.(60)2370	2600	2146	180	2520	2220	48	32	6	158	22	130	18	1.25	2707.3	146	0.35	2065.6	116	2100
	HSW.40.(60)2370A	HSN.40.(60)2370A												22	1	2704.4	119	0.35	2040.9	94	
HSB.40.(60)2600	HSW.40.(60)2600	HSN.40.(60)2600	2835	2365	180	2750	2450	54	36	6	158	22	130	18	1.25	2941.7	159	0.35	2263.5	127	2400
	HSW.40.(60)2600A	HSN.40.(60)2600A												22	1	2946.9	130	0.35	2260.8	104	
HSB.50.(60)2820	HSW.50.(60)2820	HSN.50.(60)2820	3085	2555	200	3000	2640	54	36	6	178	22	150	20	1.25	3188.4	155	0.35	2455	124	3400
	HSW.50.(60)2820A	HSN.50.(60)2820A												25	1	3198.4	124	0.35	2444.1	99	
HSB.50.(60)3120	HSW.50.(60)3120	HSN.50.(60)3120	3400	2840	200	3310	2930	54	36		178	22	150	22	1.25	3507.2	155	0.35	2722.5	125	4000
	HSW.50.(60)3120A	HSN.50.(60)3120A												25	1.25	3509.6	136	0.35	2719	110	
HSB.50.(60)3580	HSW.50.(60)3580	HSN.50.(60)3580	3920	3240	240	3820	3340	60	40	6	218	22	190	22	1.25	4036.1	179	0.35	3118.4	143	6700
	HSW.50.(60)3580A	HSN.50.(60)3580A												25	1.25	4035.6	157	0.35	3118.8	126	
HSB.50.(60)4030	HSW.50.(60)4030	HSN.50.(60)4030	4370	3690	240	4270	3790	66	40	6	218	22	190	22	1.25	4520.6	201	0.35	3558.3	163	7700
	HSW.50.(60)4030A	HSN.50.(60)40300A												28	1.25	4522	157	0.35	3549	128	
HSB.50.(60)4540	HSW.50.(60)4540	HSN.50.(60)4540	4860	4210	240	4760	4310	72	40	6	218	22	190	22	1.25	4983	222	0.35	4042.2	185	8760
	HSW.50.(60)4540A	HSN.50.(60)4540A												30	1.25	4992.9	162	0.35	4042.4	136	

Four Point Contact Ball Slewing Bearing Q Series

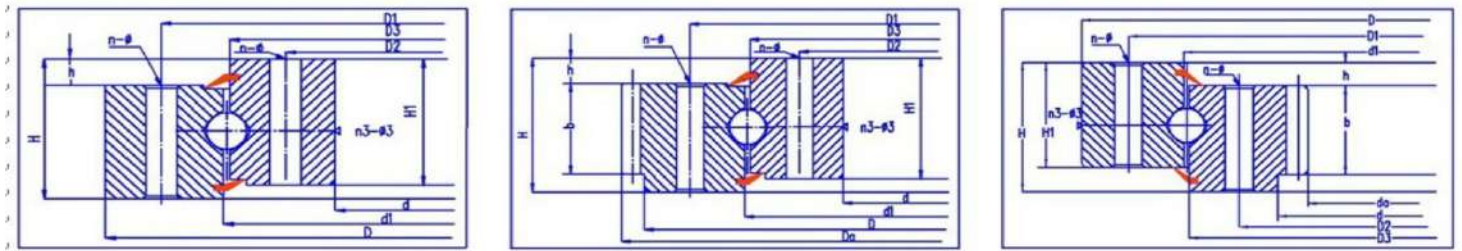
Slewing Bearing



Model QU.QW.QN Series	Overall Dimension				Mounting Dimension								Structure Dimension						Gear Parameter				Mass		
	External		Internal		H	D <sub>1</sub>	D <sub>2</sub>	n	Hole		Thread Hole		n <sub>3</sub>	D3	d1	H <sub>1</sub>	h	b	m	External		Internal		External	Internal
	D	d	D	d					A	B,C,D	Φ	Φ								T	X=-0.5	X=+0.5	D <sub>a</sub>		
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																			624	103	378	64	58	57	
560.20	654	464	656	468	70	618	502	14	17	M16	30	2	561	599	60	10	50	4	680	169	440	111	78	76	
560.20A																			685	136	435	88	79	77	
630.20	724	534	726	538	70	688	572	16	17	M16	30	2	631	629	60	10	50	4	748	186	512	129	86	84	
630.20A																			755	150	505	102	88	86	
710.20	804	614	806	618	70	768	652	18	17	M16	30	2	711	709	60	10	50	5	835	166	585	118	99	97	
710.20A																			840	139	582	98	101	97	
800.20	894	704	896	708	70	858	742	20	17	M16	30	2	801	799	60	10	50	6	930	154	672	113	114	110	
800.20A																			936	116	664	84	114	111	
800.25	904	692	908	694	78	864	736	18	22	M20	36	2	801	799	68	10	58	6	942	156	654	110	143	142	
800.25A													801	799					8	952	118	648	82	147	142
900.25	1004	792	1008	794	78	964	836	20	22	M20	36	2	901	899	60	10	58	8	1048	130	744	94	162	163	
900.25A													901	899					10	1060	105	740	75	168	162
1000.25	1104	892	1108	894	78	1064	936	24	22	M20	36	2	1001	999	60	10	58	8	1152	143	848	107	182	178	
1000.25A													1001	999					10	1160	115	840	85	185	179
1000.32	1120	876	1124	880	90	1074	926	24	24	M22	40	2	1001	999	80	10	70	8	1160	144	832	105	227	230	
1000.32A													1001	999					10	1170	116	830	84	232	227
1120.32	1240	996	1244	1000	90	1194	1046	28	24	M22	40	4	1121	1199	80	10	70	10	1300	129	940	95	272	263	
1120.32A													1121	1199					12	1308	108	936	79	275	262
1250.32	1370	1126	1374	1130	90	1324	1176	32	24	M22	40	4	1251	1249	80	10	70	10	1430	142	1070	108	302	294	
1250.32A													1251	1249					12	1440	119	1068	90	309	290

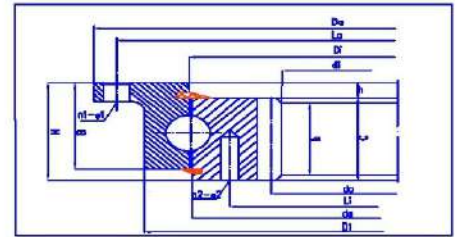
Four Point Contact Ball Slewing Bearing Q Series

Slewing Bearing

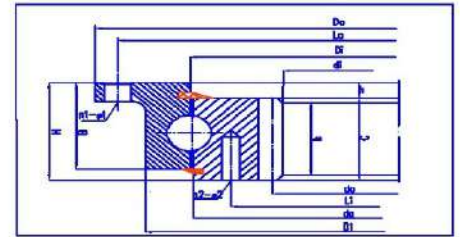


QU.QW.QN Series	Overall Dimension				Mounting Dimension				Structure Dimension				Gear Parameter				Mass								
	External		Internal		H	D <sub>1</sub>	D <sub>2</sub>	n	Hole		Thread		n3	D3	d1	H <sub>1</sub>	h	b	m	External X=-0.5		Internal X=+0.5		External	Internal
	D	d	D	d					A	B.C.D	φ	φ								T	D <sub>e</sub>	Z	D <sub>e</sub>		
1400.32	1520	1276	1524	1280	90	1474	1326	36	24	M22	40	4	1401	1399	80	10	70	12	1584	131	1212	102	337	333	
1401													1399	14				1596	113	1204	87	347	336		
1250.4	1390	1108	1394	1110	102	1336	1164	32	26	M24	45	4	1251	1249	90	12	80	10	1450	144	1050	106	396	388	
1251													1249	12				1452	120	1044	88	392	388		
1400.4	1540	1258	1544	1260	102	1486	1314	36	26	M24	45	4	1401	1399	90	12	80	12	1608	133	1188	100	448	444	
1401													1399	14				1610	114	1190	86	443	434		
1600.4	1740	1458	1744	1460	102	1686	1514	40	26	M24	45	4	1601	1599	90	12	80	12	1812	150	1392	117	528	509	
1601													1599	14				1820	129	1386	100	534	511		
1800.4	1940	1658	1944	1660	102	1886	1714	44	26	M24	45	4	1801	1799	90	12	80	14	2016	143	1582	114	583	576	
1801													1799	16				2032	126	1568	99	607	591		
1600.5	1762	1434	1766	1438	124	1704	1496	40	30	M27	50	4	1601	1599	112	12	100	12	1824	151	1368	115	714	714	
1601													1599	14				1834	130	1358	98	727	723		
1800.5	1964	1634	1966	1638	124	1904	1696	44	30	M27	50	4	1801	1799	112	12	100	14	2044	145	1568	113	845	794	
1801													1799	16				2048	127	1552	98	843	818		
2000.5	2162	1834	2166	1842	124	2104	1896	48	30	M27	50	6	2001	1999	112	12	100	16	2240	139	1760	111	912	891	
2001													1999	18				2250	124	1746	98	927	913		
2240.5	2402	2074	2406	2078	124	2344	2136	54	30	M27	50	6	2241	2239	112	12	100	16	2480	154	1984	125	1020	1044	
2241													2239	18				2502	138	1980	111	1078	1041		
2500.5	2662	2334	2666	2342	124	2604	2396	60	30	M27	50	6	2501	2499	112	12	100	18	2754	152	2250	126	1171	1132	
2501													2499	20				2760	137	2240	113	1175	1148		
2500.6	2696	2304	2696	2308	150	2626	2374	60	33	M30	56	6	2501	2499	136	14	122	18	2790	154	2214	124	1677	1621	
2501													2499	20				2800	139	2200	111	1701	1654		
2800.6	2992	2604	2996	2608	150	2926	2674	66	66	M30	56	6	2801	2799	136	14	122	18	3078	170	2502	140	1817	1871	
2801													2799	20				3100	154	2500	126	1904	1857		

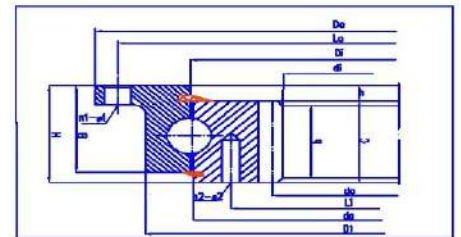
External Flange



INA Model	Overall Dimension			Mounting Dimension						Structure Dimension							Gear (mm)				Axial Load	Mass kgs
	Da	di	H	La	Li	n1	n2	φ1	φ2	D1	b	h	B	C	Di	da	m	z	do	x		
	mm			mm						mm												
VLI200414N ZT	518	325	56	490	375	8	12	φ18	M12	459	40	11.5	44.5	47.5	415.5	412.5	5	67	335	0	600	28.5
VLI 20 0414N ZT RL2	516	325	56	490	375	8	12	φ18	M12	456	40	11.5	44.5	47.5	415.5	412.5	5	67	335	0	300	36.3
VLI200414N	518	325	56	490	375	8	12	18	M12	456	40	8.5	44.5	47.5	415.5	412.5	5	67	335	0	295	27.5
VLI200544N ZT	648	444	56	620	505	10	16	φ18	M12	589	44.5	11.5	44.5	47.5	545.5	542.5	6	76	456	0	790	40.6
VLI200544N	648	444	56	620	505	10	16	18	M12	589	44.5	11.5	44.5	47.5	545.5	542.5	6	76	456	0	385	38
VLI200644N ZT	748	546	56	720	605	12	18	φ18	M12	689	44.5	11.5	44.5	47.5	645.5	642.5	6	93	558	0	900	47.4
VLI200644N	748	546	56	720	605	12	18	18	M12	689	44.5	8.5	44.5	47.5	645.5	642.5	6	93	558	0	455	45
VLI200744N ZT	848	648	56	820	705	12	20	φ18	M12	789	44.5	11.5	44.5	47.5	745.5	742.5	6	110	660	0	530	54
VLI200744N	848	648	56	820	705	12	20	18	M12	789	44.5	8.5	44.5	47.5	745.5	742.5	6	110	660	0	530	51.5
VLI200844N ZT	948	736	56	920	805	14	20	φ18	M12	889	44.5	11.5	44.5	47.5	845.5	842.5	8	94	752	0	1200	65.2
VLI200844N	948	736	56	920	805	14	20	18	M12	889	44.5	8.5	44.5	47.5	845.5	842.5	8	94	752	0	600	61.5
VLI300955N	1100	810	90	1060	894	30	30	22	M20		71	19	71	71	953	957	10	83	830	0	2550	164
VLI200944N ZT	1048	840	56	1020	905	16	22	φ18	M12	989	44.5	11.5	44.5	47.5	945.5	942.5	8	107	856	0	1350	71
VLI200944N	1048	840	56	1020	905	16	22	18	M12	989	44.5	8.5	44.5	47.5	945.5	942.5	8	107	856	0	670	67.5
VLI301055N	1200	910	90	1160	994	30	30	22	M20		71	19	71	71	1053	1057	10	93	930	0	2800	181
VLI201094N ZT	1198	984	56	1170	1055	16	24	φ18	M12	1139	44.5	11.5	44.5	47.5	1096	1093	8	125	1000	0	2000	80
VLI201094N	1198	984	56	1170	1055	16	24	18	M12	1139	44.5	8.5	44.5	47.5	1096	1093	8	125	1000	0	770	81.5
VLI301155N	1300	1010	90	1260	1094	36	36	22	M20*40		71	19	71	71	1153	1157	10	103	1030	0	3100	198
VLI301255N	1400	1110	90	1360	1194	42	42	22	M20*40		71	19	71	71	1253	1257	10	113	1130	0	3350	215
VLI301355N	1500	1210	90	1460	1294	42	42	22	M20*40		71	19	71	71	1353	1357	10	123	1230	0	3600	233
VLI301455N	1600	1310	90	1560	1394	48	48	22	M20*40		71	19	71	71	1453	1457	10	133	1330	0	4000	251

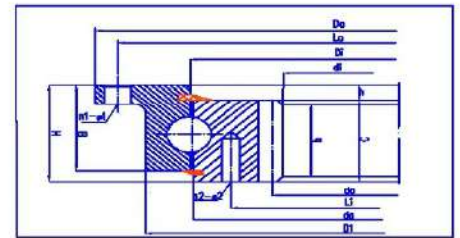


Rothe Erde Model	Overall Dimension			Mounting Dimension						Structure Dimension						Gear (mm)				Axial Load	Mass Kgs	
	Da	di	H	La	Li	n1	n2	φ1	φ2	D1	b	h	B	C	Di	da	m	z	do			x
	mm			mm						mm												
232.20.0400.013	518	326.5	56	490	375	8	12	18	M12		45.5	10.5	45.5	45.5	415.5	412.5	5	67	335	0	250	27.1
232.20.0400.503	518	326.5	56	490	375	16	12	18	M12		45.5	10.5	45.5	45.5	415.5	412.5	5	67	335	0	250	26.9
232.21.0475.013	517	326.5	56	490	375	8	12	18	M12		45.5	10.5	45.5	45.5	415.5	411	5	67	335	0	250	27.1
232.20.0500.013	648	445.2	56	620	505	10	16	18	M12		45.5	10.5	45.5	45.5	545.5	542.5	6	76	456	0	330	36.9
232.20.0500.503	648	445.2	56	620	505	20	16	18	M12		45.5	10.5	45.5	45.5	545.5	542.5	6	76	456	0	330	36.7
232.21.0575.013	647	445.2	56	620	505	10	16	18	M12		45.5	10.5	45.5	45.5	545.5	541	6	76	456	0	330	36.9
232.20.0600.013	748	547.2	56	720	605	12	18	18	M12		45.5	10.5	45.5	45.5	645.5	642.5	6	93	558	0	390	43.7
232.20.0600.503	748	547.2	56	720	605	24	18	18	M12		45.5	10.5	45.5	45.5	645.5	642.5	6	93	558	0	390	43.4
232.21.0675.013	747	547.2	56	720	605	12	18	18	M12		45.5	10.5	45.5	45.5	645.5	641	6	93	558	0	390	43.7
232.20.0700.013	848	649.2	56	820	705	12	20	18	M12		45.5	10.5	45.5	45.5	745.5	742.5	6	110	660	0	450	51.1
232.20.0700.503	848	649.2	56	820	705	24	20	18	M12		45.5	10.5	45.5	45.5	745.5	742.5	6	110	660	0	450	50.8
232.21.0775.013	847	649.2	56	820	705	12	20	18	M12		45.5	10.5	45.5	45.5	745.5	741	6	110	660	0	450	51.1
232.20.0800.013	948	737.6	56	920	805	14	20	18	M12		45.5	10.5	45.5	45.5	845.5	842.5	8	94	752	0	510	61.6
232.20.0800.503	948	737.6	56	920	805	28	20	18	M12		45.5	10.5	45.5	45.5	845.5	842.5	8	94	752	0	510	61.3
232.21.0875.013	947	737.6	56	920	805	14	20	18	M12		45.5	10.5	45.5	45.5	845.5	841	8	94	752	0	510	61.6
282.30.0900.013	1100	812	90	1060	894	30	30	22	M20		71	19	71	71	953.5	956.5	10	83	830	0	1750	159
282.30.0975.013	1098	812	90	1060	894	30	30	22	M20		71	19	71	71	953.5	955	10	83	830	0	1750	159



Rothe Erde Model	Overall Dimension			Mounting Dimension						Structure Dimension						Gear (mm)				Axial Load	Mass Kgs	
	Da	di	H	La	Li	n1	n2	φ1	φ2	D1	b	h	B	C	Di	da	m	z	do			x
	mm			mm						mm												
232.20.0900.013	1048	841.6	56	1020	905	16	22	18	M12		45.5	10.5	45.5	45.5	845.5	942.5	8	107	856	0	570	65.8
232.20.0900.503	1048	841.6	56	1020	905	32	22	18	M12		45.5	10.5	45.5	45.5	845.5	942.5	8	107	856	0	570	65.4
232.21.0975.013	1047	841.6	56	1020	905	16	22	18	M12		45.5	10.5	45.5	45.5	845.5	941	8	107	856	0	570	65.8
282.30.1000.013	1200	912	90	1160	994	30	30	22	M20		71	19	71	71	1054	1057	10	93	930	0	1840	176
282.30.1075.013	1198	912	90	1160	994	30	30	22	M20		71	19	71	71	1054	1055	10	93	930	0	1840	176
232.20.1000.013	1198	985.6	56	1170	1055	16	24	18	M12		45.5	10.5	45.5	45.5	1096	1093	8	125	1000	0	665	80.7
232.20.1000.503	1198	985.6	56	1170	1055	32	24	18	M12		45.5	10.5	45.5	45.5	1096	1093	8	125	1000	0	665	80.3
232.21.1075.013	1197	985.6	56	1170	1055	16	24	18	M12		45.5	10.5	45.5	45.5	1096	1091	8	125	1000	0	665	80.7
282.30.1100.013	1300	1012	90	1260	1094	36	36	22	M20		71	19	71	71	1154	1157	10	103	1030	0	1900	192
282.30.1175.013	1298	1012	90	1260	1094	36	36	22	M20		71	19	71	71	1154	1155	10	103	1030	0	1900	192
282.30.1200.013	1400	1112	90	1360	1194	42	42	22	M20		71	19	71	71	1254	1257	10	113	1130	0	1950	208
282.30.1275.013	1398	1112	90	1360	1194	42	42	22	M20		71	19	71	71	1254	1255	10	113	1130	0	1950	208
282.30.1300.013	1500	1212	90	1460	1294	42	42	22	M20		71	19	71	71	1354	1357	10	123	1230	0	2000	226
282.30.1375.013	1498	1212	90	1460	1294	42	42	22	M20		71	19	71	71	1354	1355	10	123	1230	0	2000	226
282.30.1400.013	1600	1310	90	1560	1394	48	48	22	M20		71	19	71	71	1454	1457	10	133	1330	0	2050	243
282.30.1475.013	1598	1310	90	1560	1394	48	48	22	M20		71	19	71	71	1454	1455	10	133	1330	0	2050	243

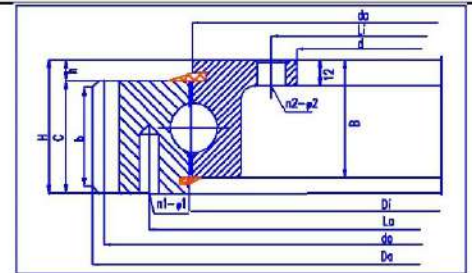




TG Model	Overall Dimension			Mounting Dimension						Structure Dimension							Gear (mm)				Axial Load	Mass Kgs
	Da	di	H	La	Li	n1	n2	φ1	φ2	D1	b	h	B	C	Di	da	m	z	do	x		
	mm			mm						mm												
I.505.20.00.C	518	326.5	56	490	375	8	12	φ18	M12	453	46	10	46	46	415.5	412.5	5	67	335	0	500	35.4
I.650.20.00.C	648	445.2	56	620	505	10	16	φ18	M12	583	46	10	46	46	545.5	542.5	6	76	456	0	700	40.2
I.750.20.00.C	748	547.2	56	720	605	12	18	φ18	M12	683	46	10	46	46	645.5	642.5	6	93	558	0	780	53.3
I.850.20.00.C	848	649.2	56	820	705	12	20	φ18	M12	783	46	10	46	46	745.5	742.5	6	110	660	0	910	63.1
I.950.20.00.C	948	737.6	56	920	805	14	20	φ18	M12	883	46	10	46	46	845.5	842.5	8	94	752	0	1030	76.6
I.1100.32.00.C	1100	812	90	1060	894	30	30	φ12	M20	1017	71	19	71	71	955	955	10	83	830	0	2250	159
I.1050.20.00.C	1048	841.6	56	1020	905	16	22	φ18	M12	983	46	10	46	46	945.5	942.5	8	107	856	0	1440	79.8
I.1200.32.00.C	1200	912	90	1160	994	30	30	φ12	M20	1117	71	19	71	71	1055	1055	10	93	930	0	2500	176
I.1200.20.00.C	1198	985.6	56	1170	1055	16	24	φ18	M12	1133	46	10	46	46	1096	1093	8	125	1000	0	1700	101
I.1300.32.00.C	1300	1012	90	1260	1094	36	36	φ12	M20	1217	71	19	71	71	1155	1155	10	103	1030	0	2700	192
I.1400.32.00.C	1400	1112	90	1360	1194	42	42	φ12	M20	1317	71	19	71	71	1255	1255	10	113	1130	0	3000	208
I.1500.32.00.C	1500	1212	90	1460	1294	42	42	φ12	M20	1417	71	19	71	71	1355	1355	10	123	1230	0	3200	226
I.1600.32.00.C	1600	1310	90	1560	1394	48	48	φ12	M20	1517	71	19	71	71	1455	1455	10	133	1330	0	3380	243

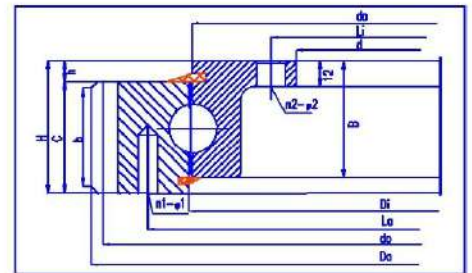
Four Point Contact Ball Slewing Bearing With Flange

Slewing Bearing



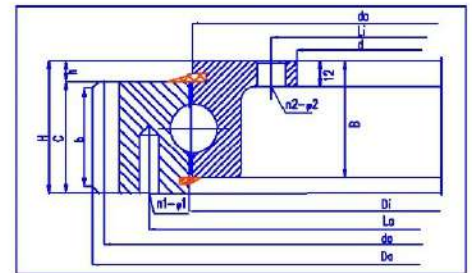
INA model	Overall Dimension			Mounting Dimension						Structure Dimension								Gear				Axial Load	Mass kgs
	Da	d	H	La	Li	n1	n2	φ1	φ2	D1	d	b	h	B	C	Di	da	m	z	do	x		
	mm			mm				mm		mm													
VLA200414N ZT	503.3	304	56	455	332	10	12	M12	φ18	480	369.5	40	8.5	47.5	44.5	415.5	412.5	5	99	495	0	600	31.2
VLA200414N	503.3	304	56	455	332	10	12	M12	18	480		40	11.5	47.5	44.5	415.5	412.5	5	99	495	0	295	29.5
VLA200544N ZT	640.3	434	56	585	462	14	14	M12	φ18		502	44.5	11.5	44.5	44.5	545.5	542.5	6	105	630	0	670	41.5
VLA200544N	640.3	434	56	585	462	14	14	M12	φ18		499.5	44.5	8.5	47.5	44.5	545.5	542.5	6	105	630	0	790	41.6
VLA200544N	640.3	434	56	585	462	14	14	M12	18			44.5	11.5	47.5	44.5	545.5	542.5	6	105	630	0	385	41.5
VLA200644N ZT	742.3	534	56	685	562	16	16	M12	φ18		599.5	44.5	8.5	47.5	44.5	645.5	642.5	6	122	732	0	900	50
VLA 200644N	742.3	534	56	685	562	16	16	M12	18			44.5	11.5	47.5	44.5	645.5	642.5	6	122	732	0	455	48.5
VLA200744N ZT	838.1	634	56	785	662	18	16	M12	φ18		699.5	44.5	8.5	47.5	44.5	745.5	742.5	6	138	828	0	1050	56
VLA 200744N	838.1	634	56	785	662	18	16	M12	18			44.5	11.5	47.5	44.5	745.5	742.5	6	138	828	0	530	54.5
VLA200844N ZT	950.1	734	56	885	762	18	18	M12	φ18		799.5	44.5	8.5	47.5	44.5	845.5	842.5	8	117	936	0	1200	66.4
VLA 200844N	950.1	734	56	885	762	18	18	M12	18			44.5	11.5	47.5	44.5	845.5	842.5	8	117	936	0	600	65.5
VLA 300955N	1096	805	90	1016	845	30	30	M20	22			71	19	71	71	953	957	9	120	1080	0	2550	170
VLA200944N ZT	1046.1	834	56	985	862	20	20	M12	φ18		899.5	44.5	8.5	47.5	44.5	945.5	942.5	8	129	1032	0	1350	72.4
VLA 200944N	1046.1	834	56	985	862	20	20	M12	18			44.5	11.5	47.5	44.5	945.5	942.5	8	129	1032	0	670	71.5
VLA 301055N	1198	905	90	1116	945	30	30	M20	22			71	19	71	71	1053	1057	10	118	1180	0	2800	188
VLA201094N ZT	1198.1	984	56	1135	1012	22	20	M12	φ18		1050	44.5	8.5	47.5	44.5	1095.5	1092.5	8	148	1184	0	2000	86
VLA 201094N	1198.1	984	56	1035	1012	22	20	M12	18			44.5	11.5	47.5	44.5	1095.5	1092.5	8	148	1184	0	770	83.5
VLA 301155N	1298	1005	90	1216	1045	36	36	M20	22			71	19	71	71	1153	1157	10	128	1280	0	3100	206
VLA 301255N	1398	1105	90	1316	1145	42	42	M20	22			71	19	71	71	1253	1257	10	138	1380	0	3350	223
VLA 301355N	1498	1205	90	1416	1245	42	42	M20	22			71	19	71	71	1353	1357	10	148	1480	0	3600	241
VLA 301455N	1598	1305	90	1516	1345	48	48	M20	22			71	19	71	71	1453	1457	10	158	1580	0	4000	258

**Internal Flange**



Rothe Erde model	Overall Dimension			Mounting Dimension						Structure Dimension								Gear				Axial Load	Mass kgs
	Da	d	H	La	Li	n1	n2	φ1	φ2	D1	d	b	h	B	C	Di	da	m	z	do	x		
	mm			mm				mm		mm													
231.20.0400.013	504	304	56	455	332	10	12	M12	18			45.5	10.5	45.5	45.5	415.5	412.5	5	99	495	0	250	29.3
231.20.0400.503	504	304	56	455	332	10	24	M12	18			45.5	10.5	45.5	45.5	415.5	412.5	5	99	495	0	250	29
231.21.0475.013	504	305	56	455	332	10	12	M12	18			45.5	10.5	45.5	45.5	417	412.5	5	99	495	0	250	29.3
231.20.0500.013	640.8	434	56	585	462	14	14	M12	18			45.5	10.5	45.5	45.5	545.5	542.5	6	105	630	0	330	39.5
231.20.0500.503	640.8	434	56	585	462	14	28	M12	18			45.5	10.5	45.5	45.5	545.5	542.5	6	105	630	0	330	39.2
231.20.0500.503	640.8	434	56	585	462	14	28	M12	φ18	505		45.5	10.5	45.5	45.5	545.5	542.5	6	105	630	0	660	40.6
231.21.0575.013	640.8	435	56	585	462	14	14	M12	18			45.5	10.5	45.5	45.5	547	542.5	6	105	630	0	330	39.5
231.20.0600.013	742.8	534	56	685	562	16	16	M12	18			45.5	10.5	45.5	45.5	645.5	642.5	6	122	732	0	390	47.6
231.20.0600.503	742.8	534	56	685	562	16	32	M12	18			45.5	10.5	45.5	45.5	645.5	642.5	6	122	732	0	390	47.2
231.21.0675.013	742.8	535	56	685	562	16	16	M12	18			45.5	10.5	45.5	45.5	647	642.5	6	122	732	0	390	47.6
231.20.0700.013	838.8	634	56	785	662	18	16	M12	18			45.5	10.5	45.5	45.5	745.5	742.5	6	138	828	0	450	53.5
231.20.0700.503	838.8	634	56	785	662	18	32	M12	18			45.5	10.5	45.5	45.5	745.5	742.5	6	138	828	0	450	53.1
231.21.0775.013	838.8	635	56	785	662	18	16	M12	18			45.5	10.5	45.5	45.5	747	742.5	6	138	828	0	450	53.5
231.20.0800.013	950.4	734	56	885	762	18	18	M12	18			45.5	10.5	45.5	45.5	845.5	842.5	8	117	936	0	510	65.1
231.20.0800.503	950.4	734	56	885	762	18	36	M12	18			45.5	10.5	45.5	45.5	845.5	842.5	8	117	936	0	510	64.7
231.21.0875.013	950.4	735	56	885	762	18	18	M12	18			45.5	10.5	45.5	45.5	847	842.5	8	117	936	0	510	65.1
281.30.0900.013	1096.2	805	90	1016	845	30	30	M20	22			71	19	71	71	953.5	956.5	9	120	1080	0	1750	165
281.30.0900.013	1096.2	805	90	1016	845	30	30	M20	φ22	893		71	19	71	71	953.5	956.5	9	120	1080	0	2150	144

Internal Flange



Rothe Erde model	Overall Dimension			Mounting Dimension						Structure Dimension								Gear				Axial Load	Mass
	Da	d	H	La	Li	n1	n2	φ1	φ2	D1	d	b	h	B	C	Di	da	m	z	do	x		
	mm			mm				mm		mm												kgs	
281.30.0975.013	1096.2	807	90	1016	845	30	30	M20	22			71	19	71	71	955	956.5	9	120	1080	0	1750	165
231.20.0900.013	1046.4	834	56	985	862	20	20	M12	18			45.5	10.5	45.5	45.5	845.5	942.5	8	129	1032	0	570	69.6
231.20.0900.503	1046.4	834	56	985	862	20	40	M12	18			45.5	10.5	45.5	45.5	845.5	942.5	8	129	1032	0	570	69.1
231.21.0975.013	1046.4	835	56	985	862	20	20	M12	18			45.5	10.5	45.5	45.5	947	942.5	8	129	1032	0	570	69.6
281.30.1000.013	1198	905	90	1116	945	30	30	M20	22			71	19	71	71	1053.5	1056.5	10	118	1180	0	1840	183
281.30.1075.013	1198	907	90	1116	945	30	30	M20	22			71	19	71	71	1055	1056.5	10	118	1180	0	1840	183
231.20.1000.013	1198.4	984	56	1135	1012	22	20	M12	18			45.5	10.5	45.5	45.5	1095.5	1092.5	8	148	1184	0	665	83
231.20.1000.503	1198.4	984	56	1135	1012	22	40	M12	18			45.5	10.5	45.5	45.5	1095.5	1092.5	8	148	1184	0	665	82.5
231.21.1075.013	1198.4	985	56	1135	1012	22	20	M12	18			45.5	10.5	45.5	45.5	1097	1092.5	8	148	1184	0	665	83
281.30.1100.013	1298	1005	90	1216	1045	36	36	M20	22			71	19	71	71	1153.5	1156.5	10	128	1280	0	1900	200
281.30.1175.013	1298	1007	90	1216	1045	36	36	M20	22			71	19	71	71	1155	1156.5	10	128	1280	0	1900	200
281.30.1200.013	1398	1105	90	1316	1145	42	42	M20	22			71	19	71	71	1253.5	1256.5	10	138	1380	0	1950	216
281.30.1275.013	1398	1107	90	1316	1145	42	42	M20	22			71	19	71	71	1255	1256.5	10	138	1380	0	1950	216
281.30.1300.013	1498	1205	90	1416	1245	42	42	M20	22			71	19	71	71	1353.5	1356.5	10	148	1480	0	2000	234
281.30.1375.013	1498	1207	90	1416	1245	42	42	M20	22			71	19	71	71	1355	1356.5	10	148	1480	0	2000	234
281.30.1400.013	1598	1305	90	1516	1345	48	48	M20	22			71	19	71	71	1453.5	1456.5	10	158	1580	0	2050	250
281.30.1400.013	1598	1305	90	1516	1345	48	48	M20	φ22		1393	71	19	71	71	1453.5	1456.5	10	158	1580	0	3261	252
281.30.1475.013	1598	1307	90	1516	1345	48	48	M20	22			71	19	71	71	1455	1456.5	10	158	1580	0	2050	250