

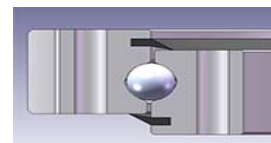


Technical Data



Single-Row Ball Slewing Ring

Feature: Only one row ball work as rolling element, ball contact raceway with four point. It is the primary product among slewing rings which diameter is less than 2000 millimetre.



01 JB/T 2300-1999 Basic data of standard series 01.																								
NO.	Basic Size			Configuration Size			Mounting Size						Structural Size			Gear Data			Outer Gear Data		Inner Gear Data		Weight (kg)	
	No Teeth	Outer Teeth	Inner Teeth	D	d	H	D1	D2	n	Bolt Hole	Screw Hole		n1	H1	h	b	x	m	da	Z	da	Z		
										O	1,2,3													
										Do	Do	Do												φ
1	010.20.200	011.20.200	—	280	120	60	248	152	12	16	M14	28	2	50	10	40	0	3	300	98	—	—	19	
2	010.20.224	011.20.224	—	304	144	60	272	176	12	16	M14	28	2	50	10	40	0	3	321	105	—	—	21	
3	010.20.250	011.20.250	—	330	170	60	298	202	18	16	M14	28	2	50	10	40	0	4	352	86	—	—	23	
4	010.20.280	011.20.280	—	360	200	60	328	232	18	16	M14	28	2	50	10	40	0	4	384	94	—	—	26	
5	010.25.315	011.25.315	013.25.315	408	222	70	372	258	20	18	M16	32	2	60	10	50	0	5	435	85	190	40	41	
6	010.25.355	011.25.355	013.25.355	448	262	70	412	298	20	18	M16	32	2	60	10	50	0	5	475	93	235	49	46	
7	010.25.400	011.25.400	013.25.400	493	307	70	457	343	24	18	M16	32	2	60	10	50	0	6	528	86	276	48	54	
8	010.25.450	011.25.450	013.25.450	543	357	70	507	393	24	18	M16	32	2	60	10	50	0	6	576	94	324	56	60	
9	010.30.500	011.30.500	013.30.500	602	398	80	566	434	20	18	M16	32	4	70	10	60	0.5	5	629	123	367	74	85	
		012.30.500	014.30.500															6	628.8	102	368	62		
10	010.30.560	011.30.560	013.30.560	662	458	80	626	494	20	18	M16	32	4	70	10	60	0.5	5	689	135	427	86	95	
		012.30.560	014.30.560															6	688.8	112	428	72		
11	010.30.630	011.30.630	013.30.630	732	528	80	696	564	24	18	M16	32	4	70	10	60	0.5	6	772.8	126	494	83	110	
		012.30.630	014.30.630															8	774.4	94	491	62		
12	010.30.710	011.30.710	013.30.710	812	608	80	776	644	24	18	M16	32	4	70	10	60	0.5	6	850.8	139	572	96	120	
		012.30.710	014.30.710															8	854.4	104	571	72		
13	010.40.800	011.40.800	013.40.800	922	678	100	878	722	30	22	M20	40	6	90	10	80	0.5	8	966.4	118	635	80	220	
		012.40.800	014.40.800															10	968	94	634	64		
14	010.40.900	011.40.900	013.40.900	1022	778	100	978	822	30	22	M20	40	6	90	10	80	0.5	8	1062.4	130	739	93	240	
		012.40.900	014.40.900															10	1068	104	734	74		
15	010.40.1000	011.40.1000	013.40.1000	1122	878	100	1078	922	36	22	M20	40	6	90	10	80	0.5	10	1188	116	824	83	270	
		012.40.1000	014.40.1000															12	1185.6	96	821	69		
16	010.40.1120	011.40.1120	013.40.1120	1242	998	100	1198	1042	36	22	M20	40	6	90	10	80	0.5	10	1298	127	944	95	300	
		012.40.1120	014.40.1120															12	1305.6	106	941	79		
17	010.45.1250	011.45.1250	013.45.1250	1390	1110	110	1337	1163	40	26	M24	48	5	100	10	90	0.5	12	1449.6	118	1049	88	420	
		012.45.1250	014.45.1250															14	1453.2	101	1042	75		
18	010.45.1400	011.45.1400	013.45.1400	1540	1260	110	1487	1313	40	26	M24	48	5	100	10	90	0.5	12	1605.6	131	1193	100	480	
		012.45.1400	014.45.1400															14	1607.2	112	1196	86		
19	010.45.1600	011.45.1600	013.45.1600	1740	1460	110	1687	1513	45	26	M24	48	5	100	10	90	0.5	14	1817.2	127	1392	100	550	
		012.45.1600	014.45.1600															16	1820.8	111	1382	87		
20	010.45.1800	011.45.1800	013.45.1800	1940	1660	110	1887	1713	45	26	M24	48	5	100	10	90	0.5	14	2013.2	141	1574	113	610	
		012.45.1800	014.45.1800															16	2012.8	123	1574	99		
21	010.60.2000	011.60.2000	013.60.2000	2178	1825	144	2110	1891	48	33	M30	60	8	132	12	120	0.5	16	2268.8	139	1734	109	1100	
		012.60.2000	014.60.2000															18	2264.4	123	1735	97		
22	010.60.2240	011.60.2240	013.60.2240	2418	2065	144	2350	2131	48	33	M30	60	8	132	12	120	0.5	16	2492.8	153	1990	125	1250	
		012.60.2240	014.60.2240															18	2498.4	136	1987	111		
23	010.60.2500	011.60.2500	013.60.2500	2678	2325	144	2610	2391	56	33	M30	60	8	132	12	120	0.5	18	2768.4	151	2339	125	1400	
		012.60.2500	014.60.2500															20	2776	136	2228	112		
24	010.60.2800	011.60.2800	013.60.2800	2978	2625	144	2910	2691	56	33	M30	60	8	132	12	120	0.5	18	3074.4	168	2527	141	1650	
		012.60.2800	014.60.2800															20	3076	151	2528	127		
25	010.75.3150	011.75.3150	013.75.3150	3376	2922	174	3686	3014	56	45	M42	84	8	162	12	150	0.5	20	3476	171	2828	142	1950	
		012.75.3150	014.75.3150															22	3471.6	155	2825	129		
26	010.75.3550	011.75.3550	013.75.3550	3776	3322	174	3686	3414	56	45	M42	84	8	162	12	150	0.5	20	3876	191	3228	162	2300	
		012.75.3550	014.75.3550															22	3889.6	174	3221	147		
27	010.75.4000	011.75.4000	013.75.4000	4226	3772	174	4136	3864	60	45	M42	84	10	162	12	150	0.5	22	4329.6	194	3661	167	3600	
		012.75.4000	014.75.4000															25	4345	171	3660	147		



Technical Data



Single-Row Ball Slewing Ring

JB/T10839-2008 (JJ 36.1-91) Basic data of standard series Q. (Recommendation)																							
NO.	Basic Size	Configuration Size				Mounting Size						Structural Size			Gear Data		Outer Gear Data		Inner Gear Data		Weight		
		Outer Teeth		Inner Teeth		H	D1	D2	n	Bolt Hole	Screw Hole		n1	H1	h	b	m	X=-0.5		X=+0.5		kg Outer gear	kg Inner gear
										A	B.C.D												
	NO.	QU.QW.QN	D	d	D					d	φ	d1						T	da	Z	da		
1	315.2	406	222	408	224	60	370	260	10	17	M16	24	2	50	10	40	3	423	140	207	70	35	34
	315.20A																4	428	106	200	51	36	35
2	355.2	446	262	448	264	60	410	300	10	17	M16	24	2	50	10	40	3	462	153	246	84	40	39
	355.20A																4	468	116	240	61	41	40
3	400.2	490	307	493	310	60	455	345	12	17	M16	24	2	50	10	40	4	512	127	288	73	45	44
	400.20A																5	520	103	280	57	47	46
4	450.2	540	357	543	360	60	505	395	12	17	M16	24	2	50	10	40	4	564	140	336	85	51	50
	450.20A																5	570	113	330	67	43	52
5	500.2	590	407	593	410	60	555	445	14	17	M16	24	2	50	10	40	5	615	122	385	78	56	55
	500.20A																6	624	103	378	64	58	57
6	560.2	654	464	656	468	70	618	502	14	17	M16	30	2	60	10	50	4	680	169	440	111	78	76
	560.20A																5	685	136	435	88	79	77
7	630.2	724	534	726	538	70	688	572	16	17	M16	30	2	60	10	50	4	748	186	512	129	86	84
	630.20A																5	755	150	505	102	88	86
8	710.2	804	614	806	618	70	768	652	18	17	M16	30	2	60	10	50	5	835	166	585	118	99	97
	710.20A																6	840	139	582	98	101	97
9	800.2	894	704	896	708	70	858	742	20	17	M16	30	2	60	10	50	6	930	154	672	113	114	110
	800.20A																8	936	116	664	84	114	111
10	800.25	904	692	908	694	78	864	736	18	22	M20	36	2	68	10	58	6	942	156	654	110	143	142
	800.25A																8	952	118	648	82	147	142
11	900.25	1004	792	1008	794	78	964	836	20	22	M20	36	2	68	10	58	8	1048	130	744	94	162	163
	900.25A																10	1060	105	740	75	168	162
12	1000.25	1104	892	1108	894	78	1064	936	24	22	M20	36	2	68	10	58	8	1152	143	848	107	182	178
	1000.25A																10	1160	115	840	85	185	179
13	1000.32	1120	876	1124	880	90	1074	926	24	24	M22	40	2	80	10	70	8	1160	144	832	105	227	230
	1000.32A																10	1170	116	830	84	232	227
14	1120.32	1240	996	1244	1000	90	1194	1046	28	24	M22	40	4	80	10	70	10	1300	129	940	95	272	263
	1120.32A																12	1308	108	936	79	275	262
15	1250.32	1370	1126	1374	1130	90	1324	1176	32	24	M22	40	4	80	10	70	10	1430	142	1070	108	302	294
	1250.32A																12	1440	119	1068	90	309	290
16	1400.32	1520	1276	1524	1280	90	1474	1326	36	24	M22	40	4	80	10	70	12	1584	131	1212	102	337	333
	1400.32A																14	1596	113	1204	87	347	336
17	1250.4	1390	1108	1394	1110	102	1336	1164	32	26	M24	45	4	90	12	80	10	1450	144	1050	106	396	388
	1250.40A																12	1452	120	1044	88	392	388
18	1400.4	1540	1258	1544	1260	102	1486	1314	36	26	M24	45	4	90	12	80	12	1608	133	1188	100	448	444
	1400.40A																14	1610	114	1190	86	443	434
19	1600.4	1740	1458	1744	1460	102	1686	1514	40	26	M24	45	4	90	12	80	12	1812	150	1392	117	528	509
	1600.40A																14	1820	129	1386	100	534	511
20	1800.4	1940	1658	1944	1660	102	1886	1714	44	26	M24	45	4	90	12	80	14	2016	143	1582	114	583	576
	1800.40A																16	2032	126	1568	99	607	591
21	1600.5	1762	1434	1766	1438	124	1704	1496	40	30	M27	50	4	112	12	100	12	1824	151	1368	115	714	714
	1600.50A																14	1834	130	1358	98	727	723
22	1800.5	1964	1634	1966	1638	124	1904	1696	44	30	M27	50	4	112	12	100	14	2044	145	1568	113	845	794
	1800.50A																16	2048	127	1552	98	843	818
23	2000.5	2162	1834	2166	1842	124	2104	1896	48	30	M27	50	6	112	12	100	16	2240	139	1760	111	912	891
	2000.50A																18	2250	124	1746	98	927	913
24	2240.5	2402	2074	2406	2078	124	2344	2136	54	30	M27	50	6	112	12	100	16	2480	154	1984	125	1020	1044
	2240.50A																18	2502	138	1980	111	1078	1041
25	2500.5	2662	2334	2666	2342	124	2604	2396	60	30	M27	50	6	112	12	100	18	2754	152	2250	126	1171	1132
	2500.50A																20	2760	137	2240	113	1175	1148
26	2500.6	2696	2304	2696	2308	150	2626	2374	60	33	M30	56	6	136	14	122	18	2790	154	2214	124	1677	1621
	2500.60A																20	2800	139	2200	111	1701	1654
27	2800.6	2992	2604	2996	2608	150	2926	2674	66	33	M30	56	6	136	14	122	18	3060	170	2520	140	1817	1871
	2800.60A																20	3080	154	2520	126	1904	1857
28	3150.6	3342	2954	3346	2958	150	3276	3024	72	33	M30	56	8	136	14	122	20	3420	171	2860	143	2087	2144
	3150.60A																22	3432	156	2860	130	2139	2129
29	3550.6	3742	2354	3746	3358	150	3676	3424	78	33	M30	56	8	136	14	122	20	3820	191	3260	163	2355	2425
	3550.60A																25	3850	154	3250	130	2500	2437
30	4000.60A	4200	3804	4196	3808	150	4126	3874	80	33	M30	56	8	136	14	122	22	4312	195	3696	169	2787	2683
	4000.60A																25	4325	172	3675	148	2827	2763