

Single Row Ball Bearing External Gear



The Thin Section Slewing Bearing has the same structure with ordinary slewing bearing, but the weight is light, and it rotates flexibly.

Type: Single Row Ball Bearing External Gear

Weight: KG: 24-2800

Strengths: The oil nipple's location can be changed according to the user's application.

Application:

- 1. food machinery,
- 2. canning machinery
- 3. environmental machinery etc.

No	External gear	Dimensions (mm)			Mounting Dimensions (mm)					Structural Dimension (mm)					Gear data					Gearforce 10 ⁴ KN		weight kg	
		D	d	H	D1	D2	n	Φ	dm	L	n1	D3	d1	H1	h	b	x	M	De	z	N		T
1	011.20.200	280	120	60	248	152	12	16	M14	28	2	201	199	50	10	40	0	3	300	98	1.5	2.1	24
2	011.20.224	304	144	60	272	176	12	16	M14	28	2	225	223	50	10	40	0	3	321	105	1.5	2.1	25
3	011.20.250	330	170	60	298	202	18	16	M14	28	2	251	249	50	10	40	0	4	352	86	2.1	2.8	30
4	011.20.280	360	200	60	328	232	18	16	M14	28	2	281	279	50	10	40	0	4	384	94	1.5	2.8	34
5	011.25.315	408	222	70	372	258	20	18	M16	32	2	316	314	60	10	50	0	5	435	85	2.9	4.4	52
6	011.25.355	448	262	70	412	298	20	18	M16	32	2	356	354	60	10	50	0	5	475	93	2.9	4.4	59
7	011.25.400	493	307	70	457	343	20	18	M16	32	2	401	399	60	10	50	0	6	528	86	3.5	5.3	69
8	011.25.450	543	357	70	507	393	20	18	M16	32	2	451	449	60	10	50	0	6	576	94	3.5	5.3	76
9	011.25/30.500 012.25/30.500	602	398	80	566	434	20	18	M16	32	4	501	499	498	70	10	60	0.5	5 629 6 628.8	123 102	3.7 4.5	5.2 6.2	85
10	011.25/30.560 012.25/30.560	662	458	80	626	494	20	18	M16	32	4	561	559	558	70	10	60	0.5	5 689 6 688.8	135 112	3.7 4.5	5.2 6.2	95
11	011.25/30.630 012.25/30.630	732	528	80	696	564	24	18	M16	32	4	631	629	628	70	10	60	0.5	6 772.8 8 774.4	126 94	4.5 6	6.2 8.3/8.2	110
12	011.25/30.710 012.25/30.710	812	608	80	776	644	24	18	M16	32	4	711	709	708	70	10	60	0.5	6 850.8 8 854.4	139 104	4.5 6	6.2 8.9/8.3	120
13	011.30/40.800 012.30/40.800	922	678	100	878	722	30	22	M20	40	6	801	798	90	10	80	0.5	8 966.4 10 968	118 94	8 10	11.1 14.1/14	220	
14	011.30/40.900 012.30/40.900	1022	778	100	978	822	30	22	M20	40	6	901	898	90	10	80	0.5	8 1062.4 10 1068	130 104	8 10	11.1 14	240	
15	011.30/40.1000 012.30/40.1000	1122	878	100	1078	922	36	22	M20	40	6	1001	998	90	10	80	0.5	10 1188 12 1185.6	116 96	10 12	14 16.7	270	
16	011.30/40.1120 012.30/40.1120	1242	998	100	1198	1042	36	22	M20	40	6	1121	1118	90	10	80	0.5	10 1298 12 1305.6	127 106	10 12	14 16.7	300	
17	011.35/45.1250 012.35/45.1250	1390	1110	110	1337	1163	40	26	M24	48	5	1252	1248	100	10	90	0.5	12 1449.6 14 1453.2	118 101	13.5 15.8	18.8 21.9	420	
18	011.35/45.1400 012.35/45.1400	1540	1260	110	1487	1313	40	26	M24	48	5	1402	1398	100	10	90	0.5	12 1605.6 14 1607.2	131 112	13.5 15.5	18.8 21.9	480	
19	011.35/45.1600 012.35/45.1600	1740	1460	110	1687	1513	45	26	M24	48	5	1602	1598	100	10	90	0.5	14 1817.2 16 1820.8	127 111	15.8 18.1	21.9 25	550	
20	011.35/45.1800 012.35/45.1800	1940	1660	110	1887	1713	45	26	M24	48	5	1801 1802	1798	100	10	90	0.5	14 2013.2 16 2012.8	141 123	15.8 18.1	21.9 25	610	
21	011.40/60.2000 012.40/60.2000	2178	1825	144	2110	1891	48	33	M30	60	8	2001 2002	1998	132	12	120	0.5	16 2268.8 18 2264.4	139 123	24.1 27.1	33.3 37.5	1100	
22	011.40/60.2240 012.40/60.2240	2418	2065	144	2350	2131	48	33	M30	60	8	2241 2242	2238	132	12	120	0.5	16 2492.8 18 2498.4	153 136	24.1 27.1	33.3 37.5	1250	
23	011.40/60.2500 012.40/60.2500	2678	2325	144	2610	2391	56	33	M30	60	8	2501 2502	2498	132	12	120	0.5	18 2768.4 20 2776	151 136	27.1 30.1	37.5 41.8	1400	
24	011.40/60.2800 012.40/60.2800	2978	2625	144	2910	2691	56	33	M30	60	8	2802	2798	132	12	120	0.5	18 3074.4 20 3076	168 151	27.1 30.1	37.5 41.8	1600	
25	011.50/75.3150 012.50/75.3150	3376	2922	174	3286	3014	56	45	M42	84	8	3152	3147	162	12	150	0.5	20 3476 22 3471.6	171 155	37.7 41.5	52.2 57.4	2800	

Note:

- 1. n1 is the nos of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2. The oil nipple's location can be changed according to the user's application.
- 2. n-φ can change to tapped hole, the diameter of the tapped hole is M, depth is 2M.
- 3. The tangential tooth force in the form is the max tooth force, the nominal tangential tooth force is 1/2 of the max one.
- 4. "K" is addendum reduction coefficient.

A large, circular, metallic gear component, possibly a planetary gear or a large coupling. It features a central hub with a serrated or splined inner ring. The outer flange is thick and has a series of evenly spaced bolt holes around its circumference. The component is shown against a blue gradient background.

Strengths: The Oil nipple's location can be change according to the user's application.

Note:

1. NT is the numbers of lubricating holes. Oil cup M10×1JB/T7940.1-JB/T7940.
2. The Oil nipple's location can be change according to the user's application.
3. $n-\varphi$ can change to tapped hole, the diameter of tapped hole is M, and depth is 2M.
4. The tangential tooth force in the form is the max tooth force; the nominal tangential tooth force is 1/2 of the max one.
5. "K" is addendum reduction coefficient.

Single Row Ball Bearing Without Gear



The Thin Section Slewing Bearing has the same structure with ordinary slewing bearing, but the weight is light, and rotate flexibly

Type: Single Row Ball Bearing Without Gear

Weight: KG: 20-2800

Strengths: The Oil nipple's location can be changed according to the user's application.

Application:

1. food machinery,
2. canning machinery
3. environmental machinery etc.

No	Model	Dimensions(mm)			Mounting Dimensions						Structural Dimensions(mm)					Weightkg
		D	d	H	D1	D2	n	Φ	dm	L	n1	D3	d1	H1	h	
1	010.20.200	280	120	60	248	152	12	16	M14	28	2	201	199	50	10	20
2	010.20.224	304	144	60	272	176	12	16	M14	28	2	225	223	50	10	22
3	010.20.250	330	170	60	298	202	18	16	M14	28	2	251	249	50	10	25
4	010.20.280	360	200	60	328	232	18	16	M14	28	2	281	279	50	10	28
5	010.25.315	408	222	70	372	258	20	18	M16	32	2	316	314	60	10	44
6	010.25.355	448	262	70	412	298	20	18	M16	32	2	356	354	60	10	49
7	010.25.400	493	307	70	457	343	20	18	M16	32	2	401	399	60	10	56
8	010.25.450	543	357	70	507	393	20	18	M16	32	2	451	449	60	10	62
9	010.25/30.500	602	398	80	566	434	20	18	M16	32	4	501	498	70	10	85
10	010.25/30.560	662	458	80	626	494	20	18	M16	32	4	561	558	70	10	95
11	010.25/30.630	732	528	80	696	564	24	18	M16	32	4	631	628	70	10	110
12	010.25/30.710	812	608	80	776	644	24	18	M16	32	4	711	708	70	10	120
13	010.30/40.800	922	678	100	878	722	30	22	M20	40	6	801	798	90	10	220
14	010.30/40.900	1022	778	100	978	822	30	22	M20	40	6	901	898	90	10	240
15	010.30/40.1000	1122	878	100	1078	922	36	22	M20	40	6	1001	998	90	10	270
16	010.30/40.1120	1242	998	100	1198	1042	36	22	M20	40	6	1121	1118	90	10	300
17	010.35/45.1250	1390	1110	110	1337	1163	40	26	M24	48	5	1252	1248	100	10	420
18	010.35/45.1400	1540	1260	110	1487	1313	40	26	M24	48	5	1402	1398	100	10	480
19	011.35/45.1600	1740	1460	110	1687	1513	45	26	M24	48	5	1602	1598	100	10	550
20	010.35/45.1800	1940	1660	110	1887	1713	45	26	M24	48	5	1802	1798	100	10	610
21	010.40/60.2000	2178	1825	144	2110	1891	48	33	M30	60	8	2002	1998	132	12	1100
22	010.40/60.2240	2418	2065	144	2350	2131	48	33	M30	60	8	2242	2238	132	12	1250
23	010.40/60.2500	2678	2325	144	2610	2391	56	33	M30	60	8	2502	2498	132	12	1400
24	010.40/60.2800	2978	2625	144	2910	2691	56	33	M30	60	8	2802	2798	132	12	1600
25	010.50/75.3150	3376	2922	174	3286	3014	56	45	M42	84	8	3152	3147	162	12	2800

Note:

1. n1 is the nos of lubricating holes. Oil cup M10×1JB/T7940.1~JB/T7940.2. The Oil nipple's location can be changed according to the user's application.
2. n-φ can change to tapped hole, the diameter of tapped hole is M, depth is 2M.
3. The tangential tooth force in the form is the max tooth force, the nominal tangential tooth force is 1/2 of the max one.
4. "K" is addendum reduction coefficient.