

Slewing Ring Bearing



Slewing Bearings can accommodate axial, radial and moment loads acting single or in combination and in any direction. They are not mounted in a housing or on a shaft, but directly to a seating surface. The inner and outer ring are supplied with mounting holes. Both rings may have integral gears. They are also referred to as slewing rings and tabletop bearings. Slewing ring bearing can perform oscillating (slewing) as well as rotating

movements. They may be used without gears or with internal or external gears.

Slewing ring bearings can take moment load and radial load, besides take thrust loads; There are ball bearing, roller bearing and ball-roller bearing at type; There are single-row, double-row and three-row at structure. With teeth and without teeth on conduction(outer or inner ring); At dustproof and leak grease proof type, with airproof and without airproof. At mounting with flanged(outer or inner ring), with bolt hole and without flanged.

Dimensions (mm)			Gear Reference		Basic load ratings	Weight	Designations			
d	Da	T	m	External	Internal	Coa(10kN)	Kg	Untoothed	External toothed	Internal toothed
				z	z					
170	330	60	4	86		103	55	010.20.250	011.20.250	
200	360	60	4	94		110	62	010.20.280	011.20.280	
222	408	70	5	85	40	116	65	010.25.315	011.25.315	013.25.315
262	448	70	5	93	49	121	67	010.25.355	011.25.355	013.25.355
307	493	70	6	86	48	126	69	010.25.400	011.25.400	013.25.400
357	543	70	6	94	56	127	73	010.25.450	011.25.450	013.25.450
398	602	80	5	123	74	129	75.8	010.30.500	011.30.500	013.30.500
398	602	80	6	102	62	129	75.8		012.30.500	014.30.500
458	662	80	5	135	86	144	94	010.30.560	011.30.560	013.30.560
458	662	80	6	112	72	144	94		012.30.560	014.30.560
528	732	80	6	126	83	187	110	010.30.630	011.30.630	013.30.630
528	732	80	8	94	62	187	110		012.30.630	014.30.630
608	812	80	6	139	86	212	120	010.30.710	011.30.710	013.30.710
608	812	80	8	104	72	212	120		012.30.710	014.30.710
678	922	100	8	118	80	313	126	010.40.800	011.40.800	013.40.800
678	922	100	10	94	64	313	256		012.40.800	014.40.800
778	1022	100	8	130	93	355	256	010.40.900	011.40.900	013.40.900

778	1022	100	10	104	74	355	240		012.40.900	014.40.900
878	1122	100	10	116	83	394	240	010.40.1000	011.40.1000	013.40.1000
878	1122	100	12	96	69	394	305		012.40.1000	014.40.1000
998	1242	100	10	127	95	443	305	010.40.1120	011.40.1120	013.40.1120
998	1242	100	12	106	79	443	300		012.40.1120	014.40.1120
998	1242	100	10	127		334	300		011.40.1120	
998	1242	100	10	127		334	352		012.40.1120	
1110	1390	110	12	118	88	554	334	010.45.1250	011.45.1250	013.45.1250
1110	1390	110	14	101	75	554	420		012.45.1250	014.45.1250
1260	1540	110	12	131	100	617	420	010.45.1400	011.45.1400	013.45.1400
1260	1540	110	14	112	86	617	480		012.45.1400	014.45.1400
1460	1740	110	14	127	100	702	480	010.45.1600	011.45.1600	013.45.1600
1460	1740	110	16	111	87	702	550		012.45.1600	014.45.1600
1660	1940	110	14	141	113	793	550	010.45.1800	011.45.1800	013.45.1800
1660	1940	110	16	123	99	793	610		012.45.1800	014.45.1800
1660		110	14	141		594	610		011.45.1800	
1825	2178	144	16	139	109	1210	684	010.60.2000	011.60.2000	013.60.2000
			16	139	--	1122	1100		012.60.2000	
1825	2178	144	18	123	97	1210	970		012.60.2000	014.60.2000
2065	2418	144	16	153	125	1350	1100	010.60.2240	011.60.2240	013.60.2240
2065	2418	144	18	136	111	1350	1250		012.60.2240	014.60.2240
2325	2678	144	18	151	125	1500	1250	010.60.2500	011.60.2500	013.60.2500
2325	2678	144	20	136	112	1500	1400		012.60.2500	014.60.2500
2325	2678	144	18	151	--	820	1400		011.40.2500	
2625	2978	144	18	168	141	1680	890	010.60.2800	011.60.2800	013.60.2800
2625	2978	144	20	151	127	1680	1600		012.60.2800	014.60.2800
2922	3376	174	20	171	142	2380	1600	010.75.3150	011.75.3150	013.75.3150
2922	3376	174	22	115	129	2380	2800		012.75.3150	014.75.3150
3322	3776	174	20	191	162	2690	2800	010.75.3550	011.75.3550	013.75.3550
3322	3776	174	22	174	147	2690	3200		012.75.3550	014.75.3550
3772	4226	174	22	194	167	3020	3200	010.75.4000	011.75.4000	013.75.4000
4272	4726	174	22	217	190	32040	3870	010.75.4500	011.75.4500	013.75.4500