

**MOTION TECHNOLOGIES
PTY LTD**

Slew Ring Bearings



- Typical Types
- Single Row, Four Point Contact, Ball
- Flanged, Single Row Ball, 4 Point Contact
- Double Flanged, Non-Geared
- Double Row Ball



A company specialised in the manufacturing of extra large bearings with an experienced workforce including advanced engineers and technicians.

Advanced production facilities and checking means the ability of designing and producing all kinds of bearings including the substitution of European and nonstandard special bearings with a diameter below 5000mm.

Bearings are widely used in a range of machines including metallurgy, electricity generation, defiance equipment and facilities for frontiers of science.

Advanced management and all the production processes are strictly controlled and has been awarded ISO9001:2000 (Certificate of China Quality System) and Certificate of Luoyang Products Quality Supervision Bureau.

Advanced technology is used to make good quality products for all customers. Hundreds of designs are produced for all kinds of advanced applications such as used in the Spinal CT Scanner, radar, road machine and earth working equipment.

With the development of the production bearings are being exported to America, Australia, Europe and South East Asia.

The aim is to produce better and more products for the world with quality and service.

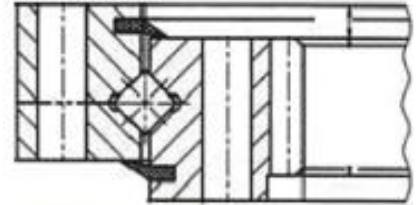


Section 1: Slew Rings Bearings

Typical Types Available

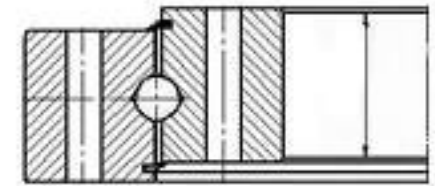
Type 1, Cylindrical Cross Roller

- a) Internal Gear Bearing - Page 5
- b) External Gear Bearing - Page 6
- c) Non-Geared Bearing - Page 7

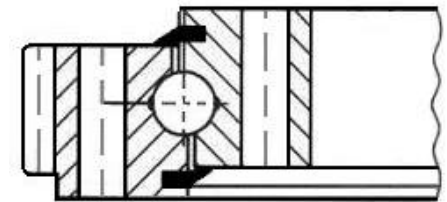


Type 2, Ball Bearing

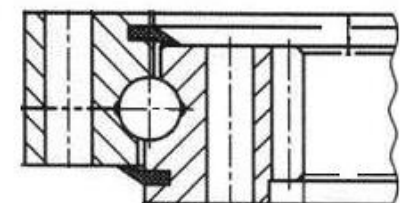
- a) Non-geared Four Point Contact - Page 8



- b) External Gear – Page 9



- c) Internal Gear – Page 10

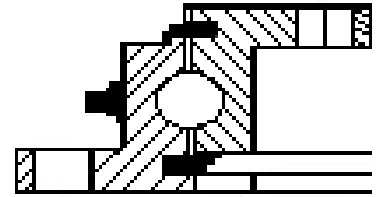


The dimensional details provided in this catalogue are provided as a general guide to assist in the selection of a potentially appropriate slew ring. Based on gearing, diameter and loads.

Please request a dimensional drawing for complete details

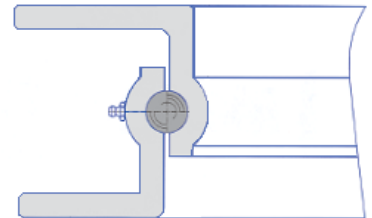
Type 3, with Flanged 4 Point Contact Ball bearing

- a) Non-geared – Page 11
- b) External Gear – Page 11
- c) Internal Gear – Page 11



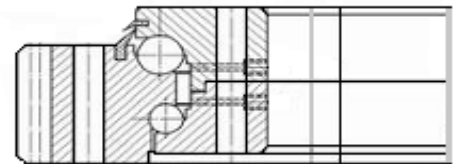
Type 4, Turnable Type Ball bearing

- a) Double Flanged, Non-geared – Page 12



Type 5, 2 Row Ball Bearing

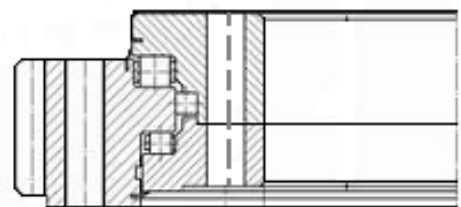
- a) Internal Geared – Page 13
- b) External geared – Page 13



Special Designs

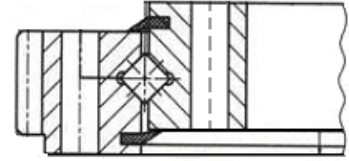
- a) 3 Row Roller Bearing
- b) 1 Row Roller Ball + 1 Row Roller Bearing
- c) Internal or External Gears

For these or any bearing design not included in this catalogue please supply manufacturers model number and drawing if available



Type 1 – Cylindrical Crossed Roller

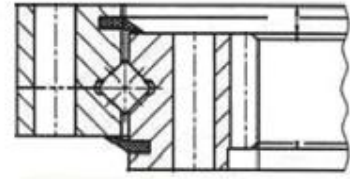
1A: External Geared



Key: OD = Outside diameter / ID = Inside diameter / H = Height / La = Outer ring / Li = Inner ring /
m = Gear module / z = Number of teeth

Designations		Boundary Dimension (mm)			Mounting Hole PCD (mm)		Gear parameters (external gear type)		Permissible tangential force (KN)		Weight (kg)
		OD	ID	H	La	Li	m	z	normal	maximum	
JYC	**ROTHE ERDE										
JYC31/495	161.16.0400.890.11.1503	495	325	55	448	352	4	121	11.5	23	33
JYC31/554	161.16.0450.890.11.1503	554	369	55	500	400	5	108	14.4	28.8	41
JYC31/664	161.16.0560.890.11.1503	664	479	55	610	510	5	130	14.4	28.8	50
JYC31/742	161.16.0630.890.11.1503	743	543	55	682	578	6	121	17.3	34.6	61
JYC31/562	161.20.0450.890.11.1503	563	364	62	505	395	6	91	19.9	39.8	49
JYC31/676	161.20.0560.890.11.1503	677	474	62	615	505	6	110	19.9	39.8	62
JYC31/758	161.20.0630.890.11.1503	758	538	62	687	573	8	92	26.6	53.2	76
JYC31/816	06.0675.02ZZ10 (Rollix)	816	573	90	781	604	6	132			129
JYC31/838	161.20.0710.890.11.1503	838	618	62	767	653	8	102	26.6	53.2	85
JYC31/892	161.25.0764.890.11.1503	893	662	73	830	698	6	146	24.1	48.2	116
JYC31/1030	161.25.0886.890.11.1503	1030	784	73	952	820	8	126	32.1	64.2	144
JYC31/1118	161.25.0980.890.11.1503	1118	878	73	1046	914	8	137	32.1	64.2	155
JYC31/1228	161.25.1077.890.11.1503	1228	975	73	1143	1011	10	120	40.1	80.2	178
JYC31/1278	161.25.1120.890.11.1503	1278	1008	73	1188	1052	10	125	40.1	80.2	195
JYC31/1289	06.1116.02ZZ10 (Rollix)	1290	984	114	1198	1035	10	125			350
JYC31/1338	161.25.1180.890.11.1503	1338	1068	73	1248	1112	10	131	40.1	80.2	206
JYC31/1408	161.25.1250.890.11.1503	1408	1138	73	1318	1182	10	138	40.1	80.2	216
JYC31/1497	161.25.1320.890.11.1503	1498	1208	73	1388	1252	12	122	48.2	96.4	247
JYC31/1593	161.28.1400.890.11.1503	1594	1266	80	1482	1318	12	130	53.5	107	332
JYC31/1689	161.28.1500.890.11.1503	1690	1366	80	1582	1418	12	138	53.5	107	349
JYC31/1803	161.28.1600.890.11.1503	1803	1466	80	1682	1518	14	126	62.4	124.8	388
JYC31/1915	161.28.1700.890.11.1503	1915	1566	80	1782	1618	14	134	62.4	124.8	431
JYC31/1943	161.36.1700.890.11.1503	1943	1529	100	1805	1595	14	136	79.1	158.2	653
JYC31/2041	161.36.1800.890.11.1503	2041	1629	100	1905	1695	14	143	79.1	158.2	685
JYC31/2139	161.36.1900.890.11.1503	2139	1729	100	2005	1795	14	150	79.1	158.2	721
JYC31/2237	161.36.2000.890.11.1503	2237	1829	100	2105	1895	14	157	79.1	158.2	749
JYC31/2252	161.40.2000.890.11.1503	2253	1824	108	2110	1890	16	138	98.4	196.8	848
JYC31/2380	161.40.2128.890.11.1503	2381	1952	108	2238	2018	16	146	98.4	196.8	896
JYC31/2492	161.40.2240.890.11.1503	2493	2064	108	2350	2130	16	153	98.4	196.8	946
JYC31/2620	161.40.2368.890.11.1503	2621	2192	108	2478	2258	16	161	98.4	196.8	993
JYC31/2516	161.45.2240.890.11.1503	2516	2057	119	2357	2123	18	137	123.2	246.4	1122
JYC31/2642	161.45.2366.890.11.1503	2642	2183	119	2483	2249	18	144	123.2	246.4	1182
JYC31/2786	161.45.2510.890.11.1503	2786	2327	119	2627	2393	18	152	123.2	246.4	1258
JYC31/2930	161.45.2654.890.11.1503	2930	2471	119	2771	2537	18	160	123.2	246.4	1329

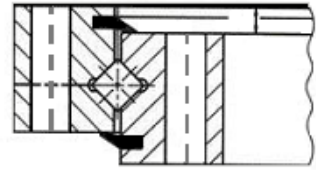
1B: Internal Geared:



Key: OD = Outside diameter / ID = Inside diameter / H = Height / La = Outer ring / Li = Inner ring / m = Gear module / z = Number of teeth

Designations		Boundary Dimension (mm)			Mounting Hole PCD (mm)		Gear parameters (external gear type)		Permissible Tangential force (KN)		Weight (kg)
		OD	ID	H	La	Li	m	z	normal	max	
JYC	**ROTHERDE										
JYC32/475	162.16.0400.890.11.1503	475	304	55	448	352	4	77	11.5	23	31
	162.16.0450.890.11.1503	531	345	55	500	400	5	70	14.4	28.8	40
JYC32/641	162.16.0560.890.11.1503	641	455	55	610	510	5	92	14.4	28.8	49
JYC32/717	162.16.0630.890.11.1503	717	516	55	682	578	6	87	17.3	34.6	59
JYC32/536	162.20.0450.890.11.1503	536	336	62	505	395	6	57	19.9	39.8	48
JYC32/646	162.20.0560.890.11.1503	646	444	62	615	505	6	75	19.9	39.8	60
JYC32/722	162.20.0630.890.11.1503	722	496	62	687	573	8	63	26.6	53.2	75
JYC32/802	162.20.0710.890.11.1503	802	576	62	767	653	8	73	26.6	53.2	84
JYC32/866	162.25.0764.890.11.1503	866	636	73	830	698	6	107	24.1	48.2	113
JYC32/988	162.25.0886.890.11.1503	988	744	73	952	820	8	94	32.1	64.2	138
JYC32/1082	162.25.0980.890.11.1503	1082	840	73	1046	914	8	106	32.1	64.2	152
JYC32/1179	162.25.1077.890.11.1503	1179	920	73	1143	1011	10	93	40.1	80.2	177
JYC32/1232	162.25.1120.890.11.1503	1232	960	73	1188	1052	10	97	40.1	80.2	192
JYC32/1292	162.25.1180.890.11.1503	1292	1020	73	1248	1112	10	103	40.1	80.2	202
JYC32/1362	162.25.1250.890.11.1503	1362	1090	73	1318	1182	10	110	40.1	80.2	213
JYC32/1432	162.25.1320.890.11.1503	1432	1140	73	1388	1252	12	96	48.2	96.4	240
JYC32/1534	162.28.1400.890.11.1503	1534	1200	80	1482	1318	12	101	53.5	107	330
JYC32/1634	162.28.1500.890.11.1503	1634	1308	80	1582	1418	12	110	53.5	107	343
JYC32/1734	162.28.1600.890.11.1503	1734	1386	80	1682	1518	14	100	62.4	124.8	391
JYC32/1834	162.28.1700.890.11.1503	1834	1498	80	1782	1618	14	108	62.4	124.8	398
JYC32/1871	162.36.1700.890.11.1503	1871	1456	100	1805	1595	14	105	79.1	158.2	636
JYC32/1971	162.36.1800.890.11.1503	1971	1554	100	1905	1695	14	112	79.1	158.2	675
JYC32/2071	162.36.1900.890.11.1503	2071	1652	100	2005	1795	14	119	79.1	158.2	720
JYC32/2171	162.36.2000.890.11.1503	2171	1764	100	2105	1895	14	127	79.1	158.2	731
JYC32/2176	162.40.2000.890.11.1503	2176	1744	108	2110	1890	16	138	98.4	196.8	832
JYC32/2304	162.40.2128.890.11.1503	2304	1872	108	2238	2018	16	146	98.4	196.8	882
JYC32/2416	162.40.2240.890.11.1503	2416	1984	108	2350	2130	16	153	98.4	196.8	932
JYC32/2544	162.40.2368.890.11.1503	2544	2112	108	2478	2258	16	161	98.4	196.8	980
JYC32/2423	162.45.2240.890.11.1503	2423	1962	119	2357	2123	18	110	123.2	246.4	1100
JYC32/2549	162.45.2366.890.11.1503	2549	2088	119	2483	2249	18	117	123.2	246.4	1160
JYC32/2693	162.45.2510.890.11.1503	2693	2232	119	2627	2393	18	125	123.2	246.4	1231
JYC32/2837	162.45.2654.890.11.1503	2837	2376	119	2771	2537	18	133	123.2	246.4	1302

1C: Non Geared Type

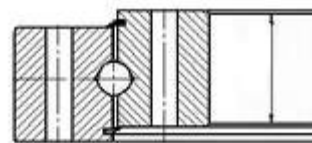


Key: Da = / di = / H = Height / La = Outer ring / Li = Inner ring

Boundary Dimension (mm)			Bolt hole Diameter (mm)		(non-gear type) Designations	Basic load ratings (KN)	Weight (kg)
Da	di	H	La	Li			
300	140	52	270	170	110.16.0220.101.5111	350	16
311	215.9	25.4	295	232	110.08.0264.101.5111	117	6.9
350	190	52	348	220	110.16.0270.101.5111	370	18
300	140	36	270	170	XU120222(INA)	275	12
329	191	46	305	215	XU160260(INA)	350	16

Type 2 – Single Row, Four Point Contact, Ball

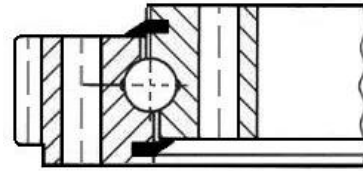
2A: Non Geared Type



Key: D = Outside diameter / d = Inside diameter / H = Height / D1 = Outer ring / D2 = Inner ring /
N1 = Outer ring / n2 = Inner ring

Designations	Boundary Dimension (mm)			Mounting Hole PCD (mm)				Basic load rating (KN)	Weight (Kg)
	D	d	H	D1	D2	n1	n2		
JYC									
03.0181.07(Rollix)	234	125	25	214	144.5	24	20-1	tbd	5
010.14.0325.101.5111	380	270	35	360	290	24	24	460	12
116752	480	260	60	444	296	16	16	750.4	55
JYC570	570	410	70	540	436	18	18	100	54
176792	590	460	45	570	488	8	12	620.6	35.9
176792K2M	590	460	45	570	488	12	8	940.4	30.8
010.30.500	602	398	80	566	434	20	20	1290	75.8
010.30.560	662	458	80	626	494	20	20	1440	94
1167/560K	720	560	36	690	590	12	32	700.8	39.2
010.30.630	732	528	80	696	564	24	24	1870	110
1167/530	780	530	60	740	560	20	20	1120	103
010.30.710	812	608	80	776	644	24	24	2120	120
010.40.800	922	678	100	878	722	30	30	3130	256
E787/760G2	950	760	80	915	795	24	24	203	138
010.40.900	1022	778	100	978	822	30	30	3550	240
787/800	1050	800	90	1012	838	30	30	2150	192
010.30.955.11	1098	893	90	1060	845	48	48	2700	126
71769/850Y	1120	850	85	1074	924	12	12	1510	248
010.40.100	1122	878	100	1078	922	36	36	3940	305
787/960G2	1165	960	90	1135	1040	36	36	2490	202
787/932G2	1200	932	120	1148	984	40	40	3490	328
010.40.1120	1242	998	100	1198	1042	36	36	4430	300
010.45.1250	1390	1110	110	1337	1163	40	40	5540	420
787/1260G2	1509	1260	90	1465	1315	36	36	3780	274
010.45.1400	1540	1260	110	1487	1313	40	40	6170	480
010.45.1600	1740	1460	110	1687	1513	45	45	7020	550
787/1440G2	1780	1440	100	1730	1494	48	48	5030	533
71169/1400Y	1820	1400	136	1750	1470	24	24	6110	1114
787/1628G2	1927	1628	130	1875	1680	36	36	6920	732
010.40.1800	1940	1660	110	1887	1713	45	45	7930	610
010.60.2000	2178	1825	144	2110	1891	48	48	12100	1100
010.60.2240	2418	2065	144	2350	2131	48	48	13500	1250
010.60.2500	2678	2325	144	2610	2391	56	56	15000	1400
010.60.2800	2978	2625	144	2910	2691	56	56	16800	1600
010.75.3150	3376	2922	174	3286	3014	56	56	23800	2800
010.75.3550	3776	3322	174	3686	3414	56	56	26900	3200

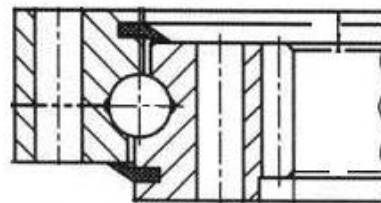
2B: External Gear Type



Key: D = Outside diameter / d = Inside diameter / H = Height / D1 = Outer ring / D2 = Inner ring /
m = Gear module / z = Number of teeth

Designations	Boundary Dimension (mm)			Mounting Hole PCD (mm)		Gear Parameters		Basic Load Rating (KN)	Weight (Kg)
	D	d	H	D1	D2	m	Z		
011.20.200	280	120	55	248	152	4	73	550	18
011.30.500	602	398	80	566	434	5	123	1290	75.8
012.30.500	602	398	80	566	434	6	102	1290	75.8
E.650.20.00.B(TG)	tbd	472	56	585	496	6	105	tbd	43
011.30.560	662	458	80	626	494	5	135	1440	94
012.30.560	662	458	80	626	494	6	112	1440	94
011.30.630	732	528	80	696	564	6	126	1870	110
012.30.630	732	528	80	696	564	8	94	1870	110
011.30.710	812	608	80	776	644	6	139	2120	120
012.30.710	812	608	80	776	644	8	104	2120	120
011.40.800	922	678	100	878	722	8	118	3130	256
012.40.800	922	678	100	878	722	10	94	3130	256
011.40.900	1022	778	100	978	822	8	130	3550	240
012.40.900	1022	778	100	978	822	10	104	3550	240
011.40.1000.12	1122	878	100	1078	922	10	116	3940	305
012.40.1000	1122	878	100	1078	922	12	96	3940	305
011.40.1120	1242	998	100	1198	1045	10	127	4430	300
012.40.1120	1242	998	100	1198	1042	12	106	4430	300
011.40.1120.12K	1242	998	100	1198	1042	10	127	3340	352
012.40.1120.12K	1242	998	100	1198	1042	10	127	3340	334
011.45.1250	1390	1110	110	1337	1163	12	118	5540	420
012.45.1250	1390	1110	110	1337	1163	14	101	5540	420
011.45.1400	1540	1260	110	1487	1313	12	131	6170	480
012.45.1400	1540	1260	110	1487	1313	14	112	6170	480
011.45.1600	1740	1460	110	1687	1513	14	127	7020	550
012.45.1600	1740	1460	110	1687	1513	16	111	7020	550
011.45.1800	1940	1660	110	1887	1713	14	141	7930	610
012.45.1800	1940	1660	110	1887	1713	16	123	7930	610
011.60.2000	2178	1825	144	2110	1891	16	139	12100	1100
012.60.2000	2178	1825	144	2110	1891	18	123	12100	1100
011.60.2240	2418	2065	144	2350	2131	16	153	13500	1250
012.60.2240	2418	2065	144	2350	2131	18	136	13500	1250
011.60.2500	2678	2325	144	2610	2391	18	151	15000	1400
012.60.2500	2678	2325	144	2610	2391	20	136	15000	1400
011.60.2800	2978	2625	144	2910	2691	18	168	16800	1600
012.60.2800	2978	2625	144	2910	2691	20	151	16800	1600
011.75.3150	3376	2922	174	3286	3014	20	171	23800	2800
012.75.3150	3376	2922	174	3286	3014	22	115	23800	2800
011.75.3350	3776	3322	174	3686	3414	20	191	26900	3200
012.75.3550	3776	3322	174	3686	3414	22	174	26900	3200
011.75.4000	4226	3772	174	4136	3864	22	194	30200	3600
012.75.4000	4226	3772	174	4136	3864	25	171	30200	3600
011.75.4500	4726	4272	174	4636	4364	22	271	34100	4000
012.75.4500	4726	4272	174	4636	4364	25	191	34100	4000

2C: Internal Gear Type

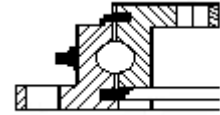


Key: D = Outside diameter / d = Inside diameter / H = Height / D1 = Outer ring / D2 = inner ring /
m = Gear module / z = Number of teeth

Designations	Boundary Dimension (mm)			Mounting Hole PCD (mm)		Gear parameters		Basic load rating (KN)	Weight (Kg)
	D	d	H	D1	D2	m	Z		
JYC									
I.562.25.15.D1 (TG)	560	418	60	538	440	6	66	tbd	42
I.570.25.00.D1 (TG)	570	410	70	540	436	6	65	100	54
013.30.500	602	398	80	566	434	5	74	1290	75.8
014.30.500	602	398	80	566	434	6	62	1290	75.8
013.30.560	662	458	80	626	494	5	86	1440	94
014.30.560	662	458	80	626	494	6	72	1440	94
013.30.630	732	528	80	696	564	6	83	1870	110
014.30.630	732	528	80	696	564	8	62	1870	110
013.30.710	812	608	80	776	644	6	86	2120	120
014.30.710	812	608	80	776	644	8	72	2120	120
013.40.800	922	678	100	878	722	8	80	3130	256
014.40.800	922	678	100	878	722	10	64	3130	256
013.40.900	1022	778	100	978	822	8	93	3550	240
014.40.900	1022	778	100	978	822	10	74	3550	240
013.40.1000	1122	878	100	1078	922	10	83	3940	305
014.40.1000	1122	878	100	1078	922	12	69	3940	305
013.40.1120	1242	998	100	1198	1045	10	95	4430	300
014.40.1120	1242	998	100	1198	1042	12	79	4430	300
013.45.1250	1390	1110	110	1337	1163	12	88	5540	420
014.45.1250	1390	1110	110	1337	1163	14	75	5540	420
013.45.1400	1540	1260	110	1487	1313	12	100	6170	480
014.45.1400	1540	1260	110	1487	1313	14	86	6170	480
013.45.1600	1740	1460	110	1687	1513	14	100	7020	550
014.45.1600	1740	1460	110	1687	1513	16	87	7020	550
013.45.1800	1940	1660	110	1887	1713	14	113	7930	610
014.45.1800	1940	1660	110	1887	1713	16	99	7930	610
013.60.2000	2178	1825	144	2110	1891	16	109	12100	1100
014.60.2000	2178	1825	144	2110	1891	18	97	12100	1100
013.60.2240	2418	2065	144	2350	2131	16	125	13500	1250
014.60.2240	2418	2065	144	2350	2131	18	111	13500	1250
013.60.2500	2678	2325	144	2610	2391	18	125	15000	1400
014.60.2500	2678	2325	144	2610	2391	20	112	15000	1400
013.60.2800	2978	2625	144	2910	2691	18	141	16800	1600
014.60.2800	2978	2625	144	2910	2691	20	127	16800	1600
013.75.3150	3376	2922	174	3286	3014	20	142	23800	2800
014.75.3150	3376	2922	174	3286	3014	22	129	23800	2800
013.75.3350	3776	3322	174	3686	3414	20	162	26900	3200
014.75.3550	3776	3322	174	3686	3414	22	147	26900	3200
013.75.4000	4226	3772	174	4136	3864	22	167	30200	3600
014.75.4000	4226	3772	174	4136	3864	25	147	30200	3600
013.75.4500	4726	4272	174	4636	4364	22	190	34100	4000
014.75.4500	4726	4272	174	4636	4364	25	167	34100	4000

Type 3 – Flanged, Single Row Ball, 4 Point Contact

3A: Non Geared Type

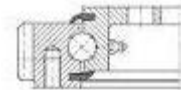


Key: Da = Outside diameter / di = Inside diameter / H = Height / La = Outer ring / Li = Inner ring

Designations			Boundary Dimension (mm)			Mounting Hole PCD (mm)		Weight (kg)
JYC	INA	**TG	Da	di	H	La	Li	
JYC20/518	VLU200414	SD.505.20.00.C	518	304	56	490	332	23
JYC20/648	VLU200544	SD.650.20.00.C	648	434	56	620	462	34
JYC20/748	VLU200644	SD.750.20.00.C	748	534	56	720	562	40
JYC20/848	VLU200744	SD.850.20.00.C	848	634	56	820	662	46
JYC20/948	VLU200844	SD.950.20.00.C	948	734	56	920	762	52
JYC20/1048	VLU200944	SD.1050.20.00.C	1048	834	56	1020	862	58
JYC20/1198	VLU201094	SD.1200.20.00.C	1198	984	56	1170	1012	67

** (ring height = 46mm)

3B: External Geared Type

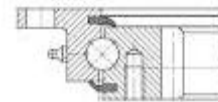


Key: Da = Outside diameter / di = Inside diameter / H = Height / La = Outer ring / Li = Inner ring
m = Gear module / z = Number of teeth

Designations			Boundary Dimension (mm)			Mounting Hole PCD (mm)		Gear teeth		Weight (kg)
JYC	INA	**TG	Da	di	H	La	Li	m	z	
JYC21/518	VLA200414N	E.505.20.00.C	503	304	56	455	332	5	99	29.5
JYC21/648	VLA200544N	E.650.20.00.C	640	434	56	585	462	6	105	41.5
JYC21/748	VLA200644N	E.750.20.00.C	742	534	56	685	562	6	122	48.5
JYC21/848	VLA200744N	E.850.20.00.C	838	634	56	785	662	6	138	54.5
JYC21/948	VLA200844N	E.950.20.00.C	950	734	56	885	762	8	117	65.5
JYC21/1048	VLA200944N	E.1050.20.00.C	1046	834	56	985	862	8	129	71.5
JYC21/1198	VLA201094N	E.1200.20.00.C	1198	984	56	1135	1012	8	148	83.5

** (ring height = 46mm)

3C: Internal Geared Type



Key: Da = Outside diameter / di = Inside diameter / H = Height / La = Outer ring / Li = Inner ring
m = Gear module / z = Number of teeth

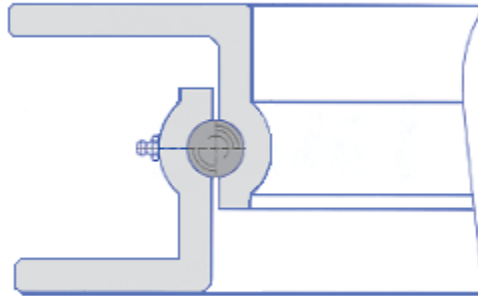
Designations			Boundary Dimension (mm)			Mounting Hole PCD (mm)		Gear teeth		Weight (kg)
JYC	INA	**TG	Da	di	H	La	Li	m	z	
JYC22/518	VLI200414N	I.505.20.00.C	518	325	56	490	375	5	67	27.5
JYC22/648	VLI200544N	I.650.20.00.C	648	444	56	620	505	6	76	38
JYC22/748	VLI200644N	I.750.20.00.C	748	546	56	720	605	6	93	45
JYC22/848	VLI200744N	I.850.20.00.C	848	648	56	820	705	6	110	51.5
JYC22/948	VLI200844N	I.950.20.00.C	948	736	56	920	805	8	94	61.5
JYC22/1048	VLI200944N	I.1050.20.00.C	1048	840	56	1020	905	8	107	67.5
JYC22/1198	VLI201094N	I.1200.20.00.C	1198	984	56	1170	1055	8	125	81.5

** (ring height = 46mm)

Type 4 – Double Flanged, Non-Geared

4A: Version 1

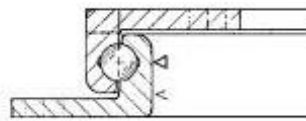
Key: Da = Outside diameter / Di = Inside diameter / H = Height



HSQB885.4 Da=1050 Di=803 H=59.95 46KG

4B: Version 2

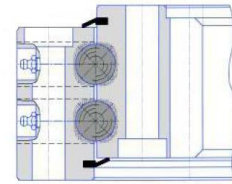
Key: Da = Outside diameter / Di = Inside diameter / H = Height / La = Outer ring / Li = Inner ring



Designations	Basic load Ratings (KN)	Boundary Dimensions (mm)			Mounting Hole PCD (mm)		Weight (Kg)
		Da	Di	H	La	Li	
JYC							
L50.14.0300	181	401	233	40	380	260	9.6
L50.14.0400	236	501	333	40	480	360	13.1

Type 5 – Double Row Ball

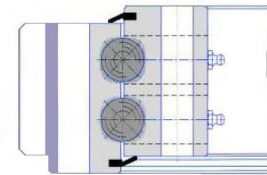
5A: Internal Geared



Key: Da = Outside diameter / Di = Inside diameter / H = Height / m = Gear module / z = Number of teeth

Designations		Boundary Dimension (mm)			Gear teeth		Weight
JYC	TG	Da	Di	H	m	z	Kg
JYC022/973	I.973.2.22.00.D.6	973	786	97	8	100	141
JYC022/1165	I.1165.2.22.00.D.6	1165	962	97	10	98	187
JYC022/1200	I.1200.2.25.00.D.6	1200	963.5	110	10	98	230
JYC022/1345	I.1346.2.30.05.D.6	1345	1061.6	108	10	108	326
JYC022/1750	I.1750.2.30.20.D.6	1750	1418.4	120	12	120	564

5B: External Geared



Key: Da = Outside diameter / Di = Inside diameter / H = Height / m = Gear module / z = Number of teeth

Designations		Boundary Dimension (mm)			Gear teeth		Weight
JYC	TG	Da	Di	H	m	z	Kg
JYC021/504	E.504.2.25.00.D.6	504	300	95	8	61	65
JYC021/608	E.608.2.25.10.D.6	608	382	95	8	74	84
JYC021/712	E.712.2.25.12.D.6	712	470	98	8	87	103
JYC021/1079	E.1079.2.20.12.D.3	1079	893	90	8	131	140
JYC021/1080	E.1080.2.22.00.D.6	1080	893	92	8	133	150
JYC021/1200	E.1200.2.25.00.D.1	1200	976	98	8	148	210

Also available

Drive Slew Rings

Available in:

- Size 7 - 73:1 reduction ratio
- Size 9 - 61:1 reduction ratio
- Size 14 - 85:1 reduction ratio
- Size 17 - 102:1 reduction ratio
- Size 21 - 125:1 reduction ratio



Outsize Ball & Roller Bearings

- **LARGE DIAMETER BEARINGS (conventional design)**

- Deep groove ball to 1900mm bore
- Four point contact ball to 500mm bore
- Single row angular contact to 750mm bore
- Double row angular contact to 1000mm bore
- Single row cylindrical roller to 1900mm bore
- Double row cylindrical roller to 1320mm bore
- Four row cylindrical roller to 1000mm bore
- Spherical roller to 1180mm bore
- Split cylindrical roller 950mm bore
- Split spherical roller to 1200mm bore
- Single row taper roller to 900mm/33" bore
- Double row taper roller to 1120mm/19⁵/₈" bore
- Four row taper roller to 750mm bore
- Thrust ball to 670mm bore
- Thrust cylindrical roller to 1320mm bore
- Thrust taper roller to 1290mm bore
- Thrust spherical roller to 1060mm bore



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HB Series



CR Series

