MOORING EQUIPMENT ACCESSORIES

Single row four point contact ball slewing bearing (01 Series)

ISO9001 Supplier

Class Certificate

Export Supply

Structural characteristics, performance and scope of application The single row four-point contact ball slewing bearing is composed of two seat rings. It has compact structure, light weight, and four-point ...



Key Highlights

Category	Mooring Equipment Accessories
Standard	DIN
Material	It has compact structure, light weight, and four-point contact between s...
Weight / Size	It has compact structure, light weight, and four-point contact between s...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Mooring Equipment Accessories	**Model / SKU**	Single-row-four-point-contact-ball-slewing-bearing-01-Series
Standard	DIN	**Material**	It has compact structure, light weight, and four-point contact between steel ball and arc raceway.
Weight / Size	It has compact structure, light weight, and four-point contact between steel ball and arc raceway.	**Certificate**	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	**Origin**	China

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- Structural characteristics, performance and scope of application
- Dimensions and Parameters
- JB/T10471-2004 standard slewing bearing numbering method

Structural characteristics, performance and scope of application

The single row four-point contact ball slewing bearing is composed of two seat rings. It has compact structure, light weight, and four-point contact between steel ball and arc raceway. It can bear axial force, radial force and overturning moment at the same time. The construction machinery of rotary conveyor, welding manipulator, small and medium-sized crane and excavator can be selected.This series of bearings has three basic structures: non-gear type, external gear type and internal gear type.

JB/T10471-2004 standard slewing bearing numbering method

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(1) (2) (3) (4)

(1) The types of products

01-Single row four point contact ball slewing bearing

02-Double Row Ball slewing bearing

11-Single row cross roller slewing bearing

13-Three row roller slewing bearing

(2) Meshing mode

0-No gear type

1-External gear small module

2-External gear large module

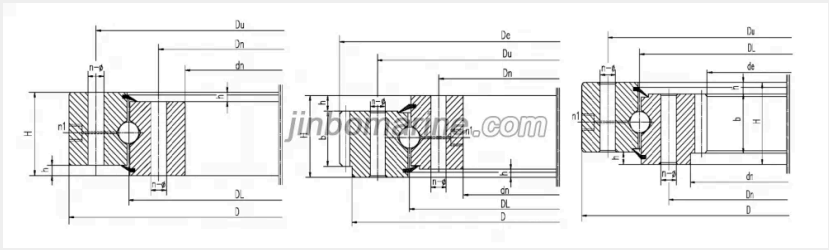
3-Internal gear small module

4-Internal gear large module

(3) Diameter of rolling body (steel ball or cylindrical roller) mm

(4) Raceway center diameter

Dimensions and Parameters



Bearing type			Boundary dimensions			Mounting hole diameter				Structure dimensions			Gear parameters							Mass kg
Non-gear type	External gear type	Internal gear type	D	dn	H	Du	Dn	n	φ	DL	h	nl	m	Ext gear		Int gear		b	X	
			mm			mm			mm	mm				De mm	z	de mm	Z	mm		
010 • 30 • 500 • **	011 • 30 • 500 • **	013 • 30 • 5000 • **	602	398	80	566	434	20	18	500	10	4/M10X1	5	630	123	365	74	60	+0.5	75.8
012 • 30 • 500 • **	014 • 30 • 500 • **	6											630	102	366	62	60	+0.5	75.8	
010 • 30 • 560 • **	011 • 30 • 560 • **	013 • 30 • 5600 • **	662	458	80	626	494	20	18	560	10	4/M10X1	5	690	135	425	86	60	+0.5	94
012 • 30 • 560 • **	014 • 30 • 560 • **	6											690	112	426	72	60	+0.5	94	

010 • 30 • 630 • **	011 • 30 • 630 • **	013 • 30 • 630 • **	732	528	80	696	564	24	18	630	10	4/M10X1	6	774	126	492	83	60	+0.5	110
012 • 30 • 630 • **	014 • 30 • 630 • **	8											776	94	488	62	60	+0.5	110	
010 • 30 • 710 • **	011 • 30 • 710 • **	013 • 30 • 710 • **	812	608	80	776	644	24	18	710	10	4/M10X1	6	852	139	570	96	60	+0.5	120
012 • 30 • 710 • **	014 • 30 • 710 • **	8											856	104	568	72	60	+0.5	120	
010 • 40 • 800 • **	011 • 40 • 800 • **	013 • 40 • 8000 • **	922	678	100	878	722	30	22	800	10	6/M10X1	8	968	118	632	80	80	+0.5	256
012 • 40 • 800 • **	014 • 40 • 800 . **	10											970	94	630	64	80	+0.5	256	

010 • 40 • 900 • **	011 • 40 • 900 • **	013 • 40 • 900 • **	1022	778	100	978	822	30	22	900	10	6/M10X1	8	1064	130	736	93	80	+0.5	240
012 • 40 • 900 • **	014 • 40 • 900 • **	10											1070	104	730	74	80	+0.5	240	
010 • 40 • 1000 • **	011 • 40 • 1000 • **	013 • 40 • 10000 • **	1122	878	100	10078	922	36	22	10000	10	6/M10X1	10	1190	116	820	83	80	+0.5	305
012 • 40 • 1000 • **	014 • 40 • 1000 • **	12											1188	96	816	69	80	+0.5	305	
010 • 40 • 1120 • **	011 • 40 • 1120 • **	013 • 40 • 11200 • **	1242	998	100	11198	1042	36	22	11200	10	6/M10X1	10	1300	127	940	95	80	+0.5	300
012 • 40 • 1120 • **	014 • 40 • 1120 • **	12											1308	106	936	79	80	+0.5	300	

010 • 45 • 1250 • **	011 • 45 • 1250 • **	013 • 45 • 1250 • **	1390	1110	110	1337	1163	40	26	1250	10	6/M10X1	12	1452	118	1044	88	90	+0.5	420
012 • 45 • 1250 • **	014 • 45 • 1250 • **	14											1456	101	1036	75	90	+0.5	420	
010 • 45 • 1400 • **	011 • 45 • 1400 • **	013 • 45 • 1400 • **	1540	1260	110	1487	1313	40	26	1400	10	6/M10X1	12	1608	131	1188	100	90	+0.5	480
012 • 45 • 1400 • **	014 • 45 • 1400 • **	14											1610	112	1190	86	90	+0.5	480	
010 • 45 • 1600 • **	011 • 45 • 1600 • **	013 • 45 • 1600 • **	1740	1460	110	1687	1513	45	26	1600	10	8/M10X1	14	1820	127	1386	100	90	+0.5	550
012 • 45 • 1600 • **	014 • 45 • 1600 • **	16											1824	111	1376	87	90	+0.5	550	

010 • 45 • 1800 • **	011 • 45 • 1800 • **	013 • 45 • 18000 • **	1940	1660	110	18887	17113	45	26	18000	10	8/M10X1	14	2016	141	1568	113	90	+0.5	610
012 • 45 • 1800 • **	014 • 45 • 1800 • **	16											2016	123	1568	99	90	+0.5	610	
010 • 60 • 2000 • **	011 • 60 • 2000 • **	013 • 60 • 20000 • **	21778	18225	144	21110	18891	48	33	20000	12	8/M10X1	16	2272	139	1728	109	120	+0.5	1100
012 • 60 • 2000 • **	014 • 60 • 2000 • **	18											2268	123	1728	97	120	+0.5	11000	
010 • 60 • 2240 • **	011 • 60 • 2240 • **	013 • 60 • 22400 • **	24188	20665	144	23550	21131	48	33	22400	12	8/M10X1	16	2496	153	1984	125	120	+0.5	1250
012 • 60 • 2240 • **	014 • 60 • 2240 • **	18											25022	136	1980	111	120	+0.5	1250	

010 • 60 • 2500 • **	011 • 60 • 2500 • **	013 • 60 • 25000 • **	2678	23225	144	26110	23911	56	33	25000	12	8/M10X1	18	2772	1511	2232	125	120	+0.5	1400
012 • 60 • 2500 • **	014 • 60 • 2500 • **	20											27800	136	22220	112	120	+0.5	14000	
011 • 40 • 2500 • 12	18	2769.7											1511	—	—	120	+0.5	14000		
010 • 60 • 2800 • **	011 • 60 • 2800 • **	013 • 60 • 28000 • **	2978	26225	144	29110	26911	56	33	28000	12	8/M10X1	18	3078	168	2520	141	120	+0.5	1600
012 • 60 • 2800 • **	014 • 60 • 2800 • **	20											30800	151	25220	127	120	+0.5	16000	

010 • 75 • 3150 • **	011 • 75 • 3150 • **	013 • 75 • 3150 • **	33776	29222	174	32886	30144	56	45	31500	12	8/M10X1	20	3480	171	2820	142	150	+0.5	2800
012 • 75 • 3150 • **	014 • 75 • 3150 • **	22											3476	115	28116	129	150	+0.5	28000	
010 • 75 • 3550 • **	011 • 75 • 3550 • **	013 • 75 • 3550 • **	37776	33222	174	36886	34144	56	45	35500	12	8/M10X1	20	3880	191	3220	162	150	+0.5	3200
012 • 75 • 3550 • **	014 • 75 • 3550 • **	22											3894	174	32122	147	150	+0.5	32000	
010 • 75 • 4000 • **	011 • 75 • 4000 • **	013 • 75 • 40000 • **	42266	37772	174	41366	38644	60	45	40000	12	10/M10X1	22	4334	194	3652	167	150	+0.5	3600
012 • 75 • 4000 • **	014 • 75 • 4000 • **	25											4350	171	36500	147	150	+0.5	36000	

010 • 75 • 4500 • **	011 • 75 • 4500 • **	013 • 75 • 45000 • **	4726	4272	174	4636	4364	60	45	4500	12	10/M10X1	22	4840	271	4158	190	150	+0.5	4000
012 • 75 • 4500 • **	014 • 75 • 4500 • **	25											4850	191	4150	167	150	+0.5	40000	

NOTE:UNDERTAKE ALLKINDS OF NON-STANDARD PRODUCTS