

MOORING EQUIPMENT ACCESSORIES

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

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 ...

- ISO9001 Supplier
- Class Certificate
- Export Supply



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



CONTENTS

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

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

x x x xx xxxx

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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

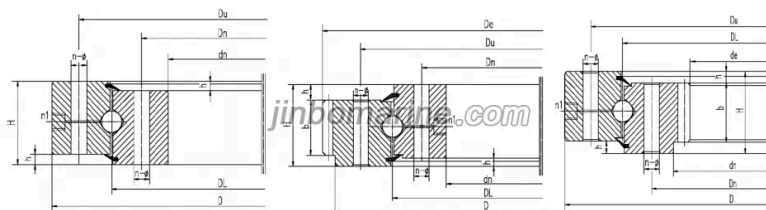
3-Internal gear small module

4-Internal gear large module

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

(4) Raceway center diameter

Dimensions and Parameters



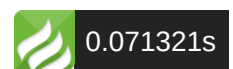
Bearing type			Boundary dimensions			Mounting hole diameter				Structure dimensions			Gear parameters					Mass kg		
Non-gear type	External gear type	Internal gear type	D	d	H	D _u	D _n	n	φ	D _L	h	n _l	m	Ext gear		Int gear			b	X
			mm			mm			m	mm	De mm	z	de mm	Z	m					
010 • 30 • 500 • **	011 • 30 • 500 • **	013000 • 500 • *	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	7.8	
010 • 30 • 560 • **	011 • 30 • 560 • **	013000 • 560 • *	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	9.4	



010 • 30 • 630 • **	011 • 30 • 630 • **	0 1 3 3 • 3 0 • 6 3 0 • * *	7 3 2 8	5 2 8	8 0 6	6 9 6 4	5 6 4	2 4	1 8	6 3 0	1 0	4/ M 1 0 X 1	6 774	1 2 6	492	8 3 0	6 0	+ 0 • 5	110
012 • 30 • 630 • **	014 • 30 • 630 • **	8											7 7 6	94	4 8 8	62	6 0	+ 0. 5	1 1 0
010 • 30 • 710 • **	011 • 30 • 710 • **	0 1 3 3 • 3 0 • 7 1 0 • * *	8 1 2 8	6 0 8	8 0 6	7 7 6 4	6 4	2 4	1 8	7 1 0	1 0	4/ M 1 0 X 1	6 852	1 3 9	570	9 6 0	6 0	+ 0 • 5	120
012 • 30 • 710 • **	014 • 30 • 710 • **	8											8 5 6	104	5 6 8	72	6 0	+ 0. 5	1 2 0
010 • 40 • 800 • **	011 • 40 • 800 • **	0 1 3 3 • 4 0 • 8 0 0 • * *	9 2 2 8	6 7 8	1 0 0	8 7 8 2	7 2 2	3 0	2 2	8 0 0	1 0	6/ M 1 0 X 1	8 968	1 1 8	632	8 0	8 0	+ 0 • 5	256
012 • 40 • 800 • **	014 • 40 • 800 • **	1 0											9 7 0	94	6 3 0	64	8 0	+ 0. 5	2 5 6



010 • 40 • 900 • **	011 • 40 • 900 • **	0 1 3 • 4 0 • 9 0 0 • * *	1 0 2 2	7 7 8	1 0 0	9 7 8	8 2	3 0	2 2	9 0 0	1 0	6/ M 1 0 X 1	8	1064	1 3 0	736	9 3	8 0	+ 0 • 5	240
012 • 40 • 900 • **	014 • 40 • 900 • **	1 0											1 0 7 0	104	7 3 0	74	8 0	+ 0. 5	2 4 0	
010 • 40 • 1000 • **	011 • 40 • 1000 • **	0 1 3 • 4 0 • 1 0 0 0 • * *	1 1 2 2	8 7 8	1 0 0	1 0 7 8	9 2	3 6	2 2	1 0 0	1 0	6/ M 1 0 X 1	1 0	1190	1 1 6	820	8 3	8 0	+ 0 • 5	305
012 • 40 • 1000 • **	014 • 40 • 1000 • **	1 2											1 1 8 8	96	8 1 6	69	8 0	+ 0. 5	3 0 5	
010 • 40 • 1120 • **	011 • 40 • 1120 • **	0 1 3 • 4 0 • 1 1 1 2 0 • * *	1 2 4 2	9 9 8	1 0 0	1 1 9 8	1 0 4 2	3 6	2 2	1 1 2 0	1 0	6/ M 1 0 X 1	1 0	1300	1 2 7	940	9 5	8 0	+ 0 • 5	300
012 • 40 • 1120 • **	014 • 40 • 1120 • **	1 2											1 3 0 8	106	9 3 6	79	8 0	+ 0. 5	3 0 0	



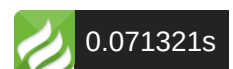
010 • 45 • 1250 • **	011 • 45 • 1250 • **	0 1 3 • 4 5 • 1 2 5 0 • * *	1 3 9 0 0	1 1 1 0	1 3 3 7	1 1 6 3	4 0	2 6	1 2 5 0	1 0	6/ M 1 0 X 1	1 2	1452	1 1 8	1044	8 8	9 0	+ 0 • 5	420
012 • 45 • 1250 • **	014 • 45 • 1250 • **	1 4											1 4 5 6	101	1 0 3 6	75	9 0	+ 0. 5	4 2 0
010 • 45 • 1400 • **	011 • 45 • 1400 • **	0 1 3 • 4 5 • 1 4 0 0 • * *	1 5 4 0 0	1 2 6 0	1 4 8 7	1 3 1 3	4 0	2 6	1 4 0 0	1 0	6/ M 1 0 X 1	1 2	1608	1 3 1	1188	1 0 0	9 0	+ 0 • 5	480
012 • 45 • 1400 • **	014 • 45 • 1400 • **	1 4											1 6 1 0	112	1 1 9 0	86	9 0	+ 0. 5	4 8 0
010 • 45 • 1600 • **	011 • 45 • 1600 • **	0 1 3 • 4 5 • 1 6 0 0 • * *	1 7 4 0 0	1 4 6 0	1 6 8 7	1 5 1 3	4 5	2 6	1 6 0 0	1 0	8/ M 1 0 X 1	1 4	1820	1 2 7	1386	1 0 0	9 0	+ 0 • 5	550
012 • 45 • 1600 • **	014 • 45 • 1600 • **	1 6											1 8 2 4	111	1 3 7 6	87	9 0	+ 0. 5	5 5 0



010 • 45 • 1800 • **	011 • 45 • 1800 • **	0 1 3 • 4 5 • 1 8 0 0 • * *	1 9 4 0 0	1 6 6 0	1 8 8 7 3	1 7 1 3	4 5	2 6	1 8 0 0	1 0	8/ M 1 0 X 1	1 4	2016	1 4 1	1568	1 1 3	9 0	+ 0 • 5	610
012 • 45 • 1800 • **	014 • 45 • 1800 • **	1 6										2 0 1 6	123	1 5 6 8	99	9 0	+ 0 • 5	6 1 0	
010 • 60 • 2000 • **	011 • 60 • 2000 • **	0 1 3 • 6 0 • 2 0 0 0 • * *	2 1 7 8 5	1 8 2 4 5	2 4 1 0 1	1 8 9 1	4 8	3 3	2 0 0 0	1 2	8/ M 1 0 X 1	1 6	2272	1 3 9	1728	1 0 9	1 2 0	+ 0 • 5	1100
012 • 60 • 2000 • **	014 • 60 • 2000 • **	1 8										2 2 6 8	123	1 7 2 8	97	1 2 0	+ 0 • 5	1 1 0 0	
010 • 60 • 2240 • **	011 • 60 • 2240 • **	0 1 3 • 6 0 • 2 2 4 0 • * *	2 4 1 8 5	2 0 6 4 5	2 3 5 0 1	2 1 3 1	4 8	3 3	2 2 4 0	1 2	8/ M 1 0 X 1	1 6	2496	1 5 3	1984	1 2 5	1 2 0	+ 0 • 5	1250
012 • 60 • 2240 • **	014 • 60 • 2240 • **	1 8										2 5 0 2	136	1 9 8 0	111	1 2 0	+ 0 • 5	1 2 5 0	



010 • 60 • 2500 • **	011 • 60 • 2500 • **	0 1 3 • 6 0 • 2 5 0 0 • * *	2 6 7 8	2 3 2 5	1 4 4	2 6 1 0	2 3 9 1	5 6	3 3	2 5 0 0	1 2	8/ M 1 0 X 1	1 8	2772	1 5 1	2232	1 2 5	1 2 0	+ 0 .	1 0 5	1400
012 • 60 • 2500 • **	014 • 60 • 2500 • **	2 0											2 7 8 0	136	2 2 0	112	1 2 0	+ 0. 5	1 4 0 0		
011 • 40 • 2500 • 12	18	2 7 6 9 . 7											1 5 1	—	—	120	+ 0 . 5	1 4 0 0			
010 • 60 • 2800 • **	011 • 60 • 2800 • **	0 1 3 • 6 0 • 2 8 0 0 • * *	2 9 7 8	2 6 2 5	1 4 4	2 9 1 0	2 6 9 1	5 6	3 3	2 8 0 0	1 2	8/ M 1 0 X 1	1 8	3078	1 6 8	2520	1 4 1	1 2 0	+ 0 .	1 0 5	1600
012 • 60 • 2800 • **	014 • 60 • 2800 • **	2 0											3 0 8 0	151	2 5 2 0	127	1 2 0	+ 0. 5	1 6 0 0		



010 • 75 • 3150 • **	011 • 75 • 3150 • **	0 1 3 • 7 5 • 3 1 5 0 • * *	3 3 7 6	2 9 2 2	1 7 4	3 2 8 6	3 0 1 4	5 6	4 5	3 1 5 0	1 2	8/ M 1 0 X 1	2 0	3480	1 7 1	2820	1 4 2	1 5 0	+ 0 .	2800 5
012 • 75 • 3150 • **	014 • 75 • 3150 • **	2 2											3 4 7 6	115	2 8 1 6	129	1 5 0	+ 0. 5	2 8 0 0	
010 • 75 • 3550 • **	011 • 75 • 3550 • **	0 1 3 • 7 5 • 3 5 5 0 • * *	3 7 6	3 3 2	1 7 4	3 6 8 6	3 4 1	5 6	4 5	3 5 5 0	1 2	8/ M 1 0 X 1	2 0	3880	1 9 1	3220	1 6 2	1 5 0	+ 0 .	3200 5
012 • 75 • 3550 • **	014 • 75 • 3550 • **	2 2											3 8 9 4	174	3 2 1 2	147	1 5 0	+ 0. 5	3 2 0 0	
010 • 75 • 4000 • **	011 • 75 • 4000 • **	0 1 3 • 7 5 • 4 0 0 0 • * *	4 2 6	3 7 2	1 7 4	4 1 3 6 4	3 8 6 4	6 0	4 5	4 0 0 0	1 2	1 0/ M 1 0 X 1	2 2	4334	1 9 4	3652	1 6 7	1 5 0	+ 0 .	3600 5
012 • 75 • 4000 • **	014 • 75 • 4000 • **	2 5											4 3 5 0	171	3 6 5 0	147	1 5 0	+ 0. 5	3 6 0 0	



<p>010 • 75 • 4500 • **</p>	<p>011 • 75 • 4500 • **</p>	<p>0 1 3 • 7 5 • 4 5 0 0 • * *</p>	<p>4 7 2 6</p>	<p>4 2 7 2</p>	<p>1 7 4</p>	<p>4 6 3 6</p>	<p>4 3 6 4</p>	<p>6 0</p>	<p>4 5</p>	<p>4 5 0 0</p>	<p>1 2</p>	<p>1 0/ M 1 0 X 1</p>	<p>2 2</p>	<p>4840</p>	<p>2 7 1</p>	<p>4158</p>	<p>1 9 0</p>	<p>1 5 0</p>	<p>+ .5</p>	<p>4000</p>
<p>012 • 75 • 4500 • **</p>	<p>014 • 75 • 4500 • **</p>	<p>2 5</p>											<p>4 8 5 0</p>	<p>191</p>	<p>4 1 5 0</p>	<p>167</p>	<p>1 5 0</p>	<p>+ 0. 5</p>	<p>4 0 0 0</p>	

NOTE:UNDERTAKE ALLKINDS OF NON-STANDARD PRODUCTS

