general data/description

created: 08.02.2018 / 04 page: 1 / 2

article 2305 J C4 2RS BM1 **Art-No.** 46310

brand SKA **weight/kg** 0.335

remark Y-factors: Y1: Fa/Fr <= e / Y2: Fa/Fr > e / X-factors: X1: Fa/Fr <= e / X2: Fa/Fr > e.

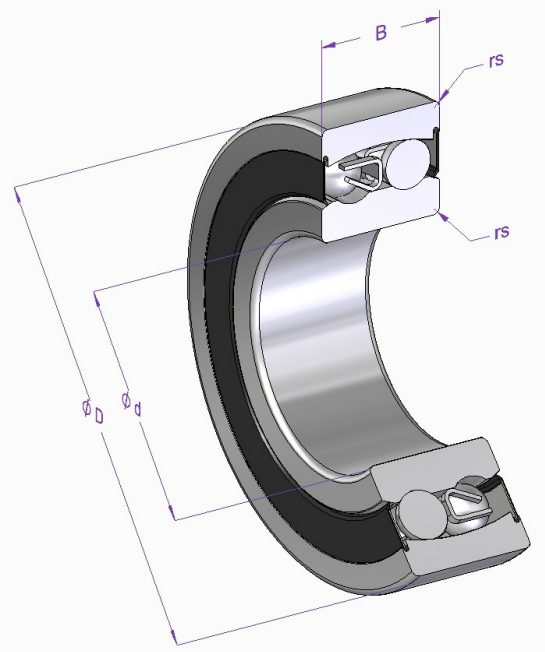
description

2305	Size
J	Sheet steel cage
C4	Internal clearance
2RS	Sealing washers on both sides, touching

greasing

BM1	KLÜBERPLEX BE31-502

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / -10	620-2
D	nominal outer diameter	62	0 / -13	620-2
B	width	24	0 / -120	620-2
rs min.	minimal chamfer dimension	1.1		630
C4	internal clearance	0.029 / 0.046		620-4
e	calculation factor	0.28		281
Y1	calculation factor	2.26		281
Y2	calculation factor	3.49		281
Y0	calculation factor	2.37		76
X1	calculation factor	1		281
X2	calculation factor	0.65		281
X0	calculation factor	1		76

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	18400	310	281	5010	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		7000	

operating temperature	max. [°C]	min. [°C]
	120	-10

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material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Balls	100Cr6	683-17	58-66
Cage	Sheet steel		
Sealing washers	Sheet steel/NBR		

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.