general data/description

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article 2205 J C3 2RS SR2 **Art-No.** 46487

brand SKA **weight/kg** 0.165

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

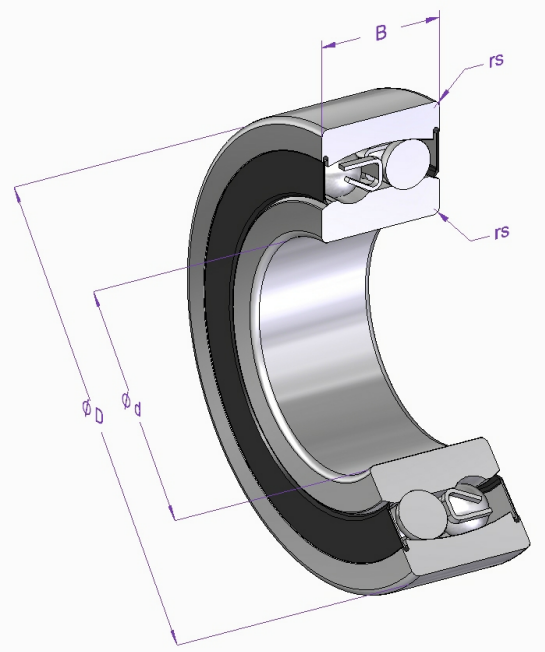
description

2205	Size
J	Sheet steel cage
C3	Internal clearance
2RS	Sealing washers on both sides, touching

greasing

SR2	CHEVRON SRI-2

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / -10	620-2
D	nominal outer diameter	52	0 / -13	620-2
B	width	18	0 / -120	620-2
rs min.	minimal chamfer dimension	1		630
C3	internal clearance	0.019 / 0.035		620-4
e	calculation factor	0.27		281
Y1	calculation factor	2.32		281
Y2	calculation factor	3.60		281
Y0	calculation factor	2.43		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
	12300	208	281	3280	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		9500	

operating temperature	max. [°C]	min. [°C]
	120	-30

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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.