Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article 6302 ZZ C3 BE1 **Art-No.** 50612 **brand** SKA **weight/kg** 0.082

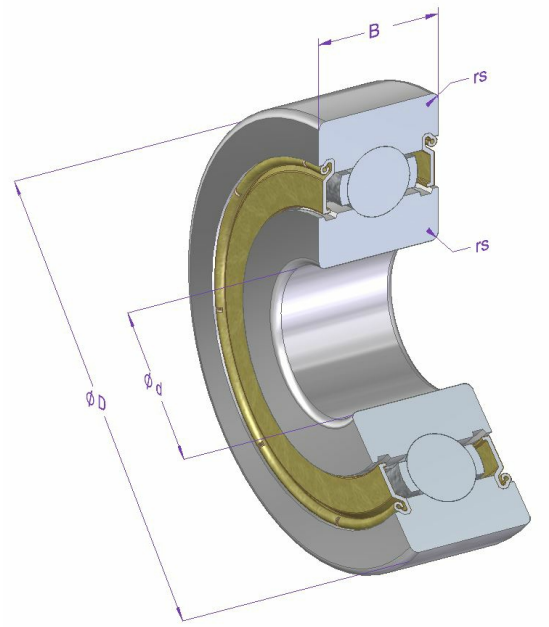
description

6302	Size
ZZ	Shields on both sides, not touching
C3	Internal clearance

greasing

BE1	KLÜBER BARRIERTA IMI

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	15	0 / -8	620-2
D	nominal outer diameter	42	0 / -11	620-2
B	width	13	0 / -120	620-2
rs min.	minimal chamfer dimension	1		625-1
C3	internal clearance	0.011 / 0.025		620-4

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	11400	283	281	5440	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		17000	

operating temperature	max. [°C]	min. [°C]
	120	-40

bearing clearance	radial min. [µm]	max. [µm]
	11	25

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	58-65
Cage	St12		
Shields	Sheet steel		

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