Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article 6003 ZZ BN3 **Art-No.** 51252 **brand** SKA **weight/kg** 0.039

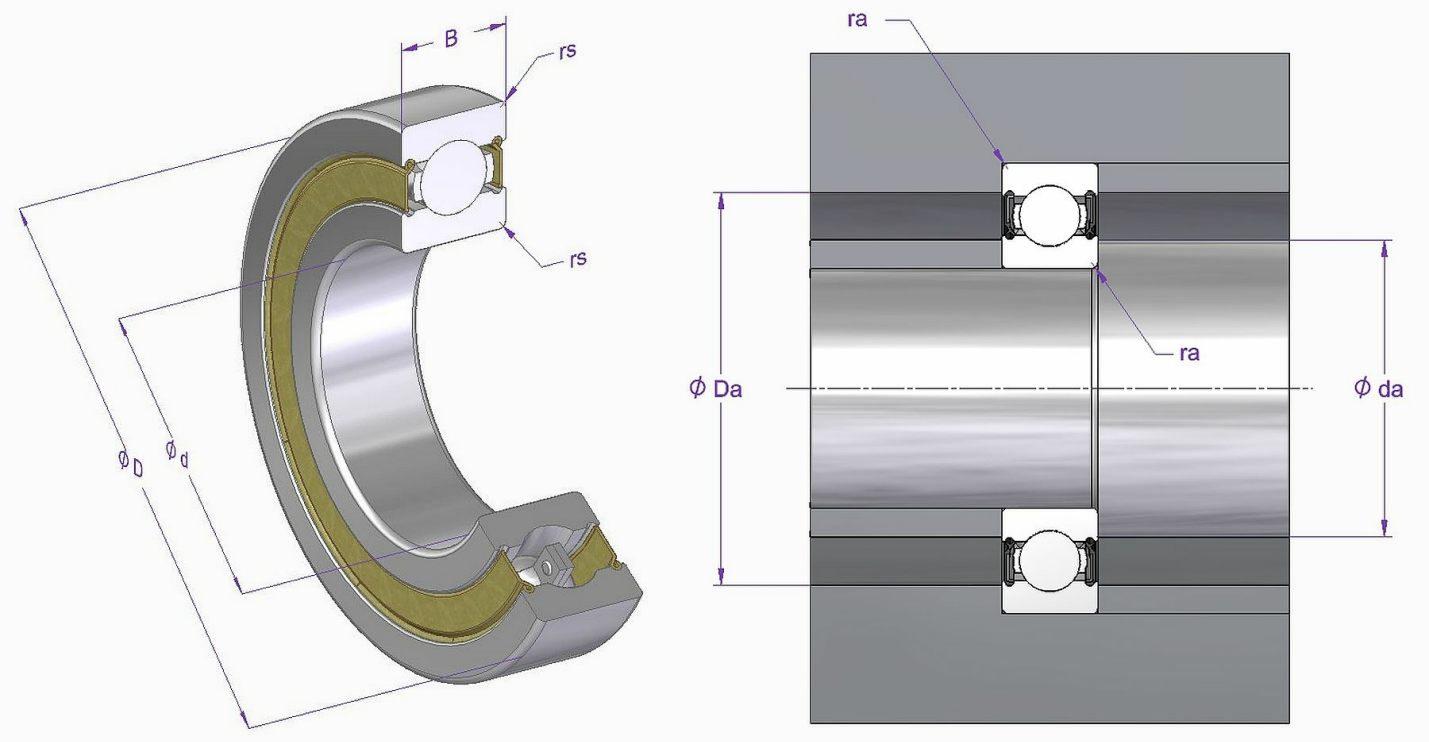
description

6003	Size
ZZ	Shields on both sides, not touching

greasing

BN3	KLÜBER STABURAGS NBU 12

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	17	0 / -8	620-2
D	nominal outer diameter	35	0 / -11	620-2
B	width	10	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		625-1
da min.	mounting dimension	19		5418
Da max.	mounting dimension	33		5418
ra max.	mounting dimension	0.3		5418

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	6660	170	281	3260	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		22000	

operating temperature	max. [°C]	min. [°C]
	120	-15

bearing clearance	radial min. [µm]	max. [µm]
	3	18

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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	St12		
Shields	Sheet steel		

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