Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article 6201 2RS CS21 BG2 **Art-No.** 49153 **brand** SKA **weight/kg** 0.037

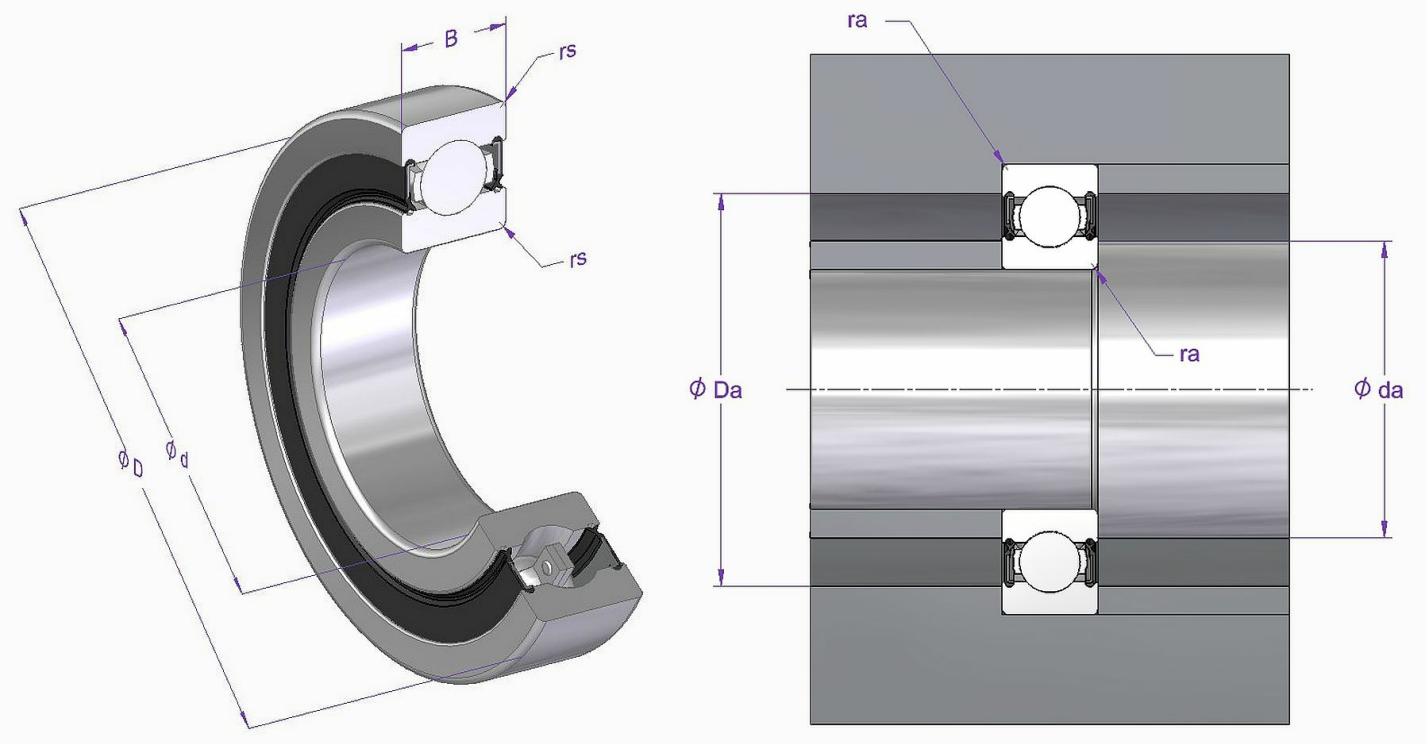
description

6201	Size
2RS	Sealing washers on both sides, touching
CS21	Internal clearance

greasing

BG2	KLUEBER PETAMO GY193

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	12	0 / -8	620-2
D	nominal outer diameter	32	0 / -11	620-2
B	width	10	0 / -120	620-2
rs min.	minimal chamfer dimension	0.6		625-1
CS21	internal clearance	0.016 / 0.026		
da min.	mounting dimension	16.2		5418
Da max.	mounting dimension	27.8		5418
ra max.	mounting dimension	0.6		5418

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	7530	158	281	3050	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	-20

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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		
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.