Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

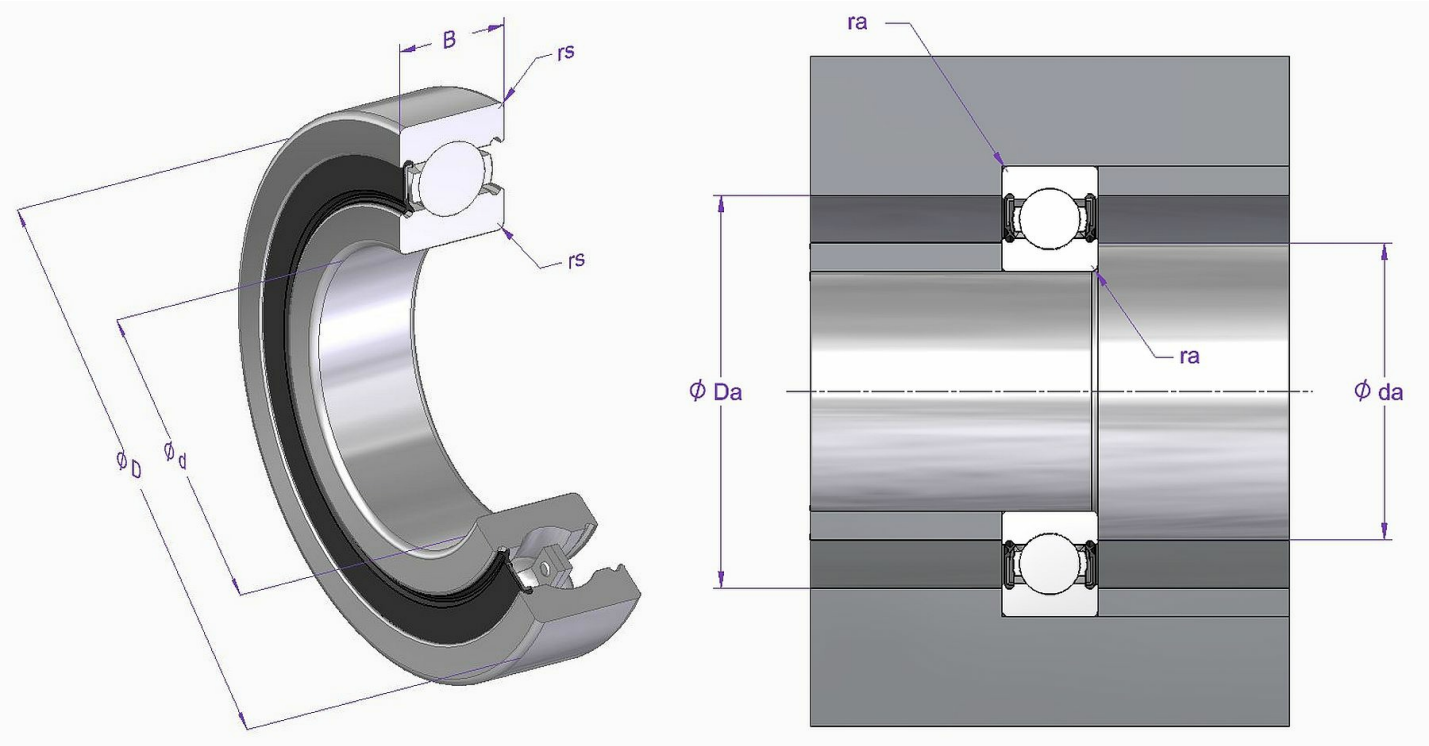
general data/description

article 6005 RS C3 **Art-No.** 49682 **brand** SKA **weight/kg** 0.08

description

6005	Size
RS	Sealing washer on one side, touching
C3	Internal clearance

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / -10	620-2
D	nominal outer diameter	47	0 / -11	620-2
B	width	12	0 / -120	620-2
rs min.	minimal chamfer dimension	0.6		625-1
C3	internal clearance	0.013 / 0.028		620-4
da min.	mounting dimension	28.2		5418
Da max.	mounting dimension	43.8		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
	11200	300	281	5860	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	-20

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 washer	St12/NBR		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 6005 RS C3 **Art-No.** 49682

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