Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

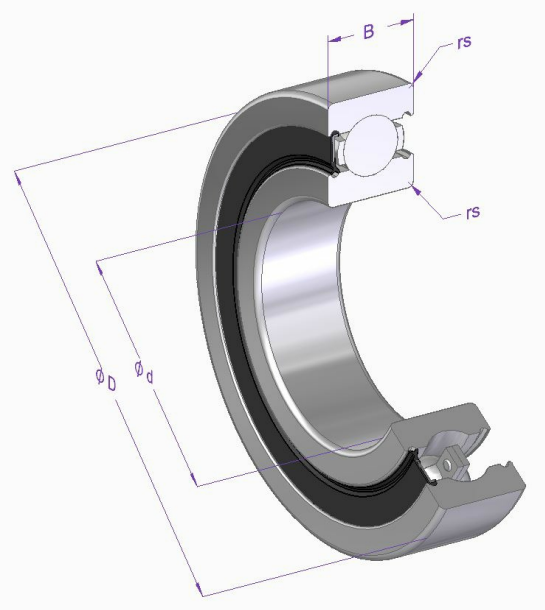
created: 04.08.2014 / 05

article 6307 RSA1 **Art-No.** 42203 **brand** SKA **weight/kg** 0.46

description

6307	Size
RSA1	Sealing washer one side, touching

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	35	0 / -12	620-2
D	nominal outer diameter	80	0 / -13	620-2
B	width	21	0 / -120	620-2
rs min.	minimal chamfer dimension	1.5		625-1
C special	internal clearance	0.01 / 0.02		SONDER

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	36900	996		281	19100	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		6000	10000			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	10	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/FPM, blue		

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