Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article 3313 B TNG 2RS AR3 **Art-No.** 4166

brand **weight/kg** 3.40

remark All data according to manufacturer catalog.

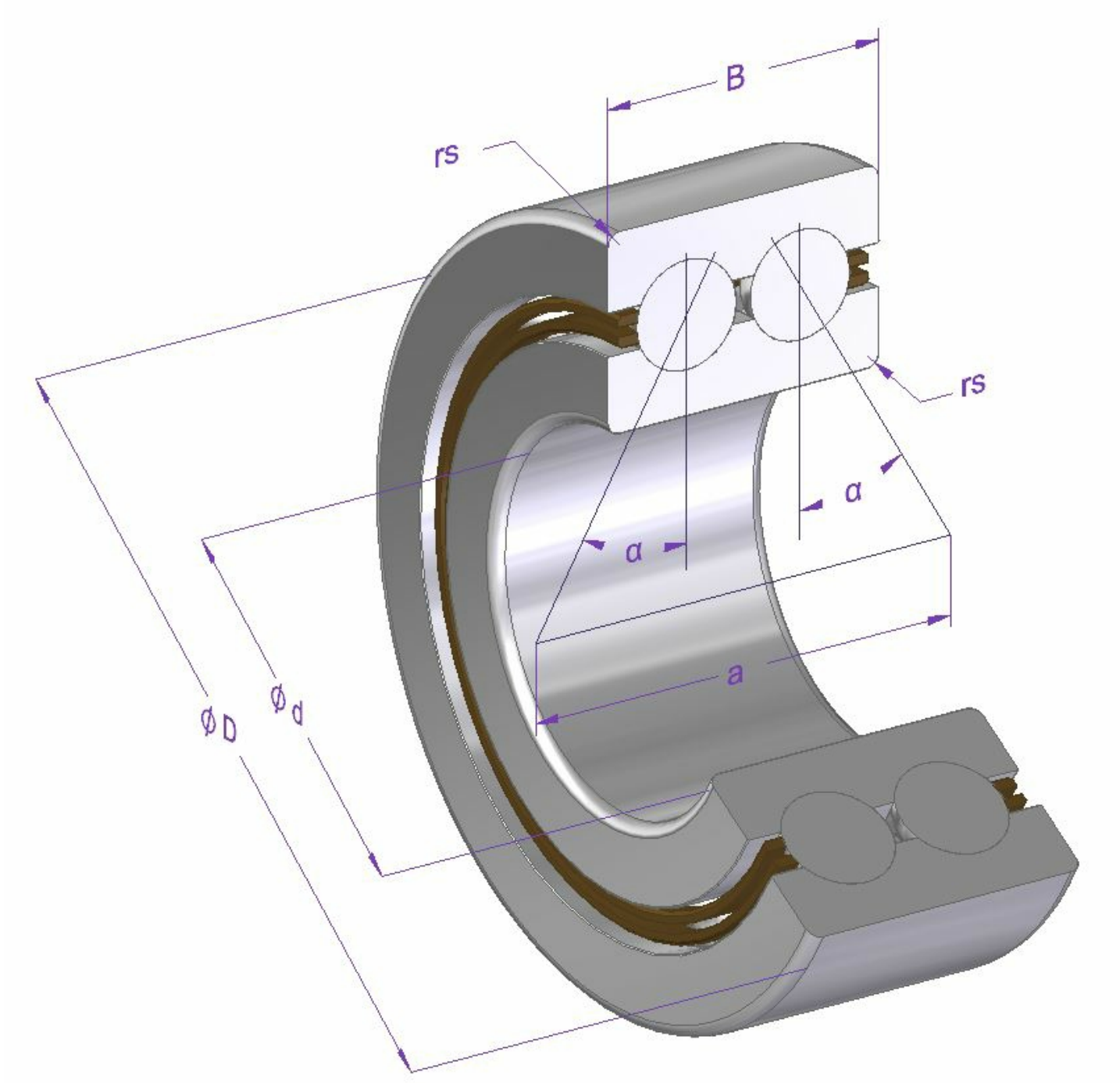
description

3313	Size
B	Pressure angle
TNG	Plastic cage
2RS	Sealing washers on both sides, touching

greasing

AR3	SHELL ALVANIA R3

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	65	0 / -15	620-2
D	nominal outer diameter	140	0 / -18	620-2
B	width	58.7	0 / -150	620-2

article 3313 B TNG 2RS AR3 **Art-No.** 4166

dimension	Description	[mm]	tolerance [µm]	DIN/ISO
rs min.	minimal chamfer dimension	2.1		616
alpha	contact angle	25°		
a	load application point	73.3		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	150000				118000	
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		3200	4300			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**axial min. [µm]**	**max. [µm]**				
	13	36				

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	PA66+GF25		

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