Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article 3211 B TN 2RS C3 NS7 **Art-No.** 50841

brand SKA **weight/kg** 0.876

remark Y-Faktoren: Y1: Fa/Fr <= e / Y2: Fa/Fr > e

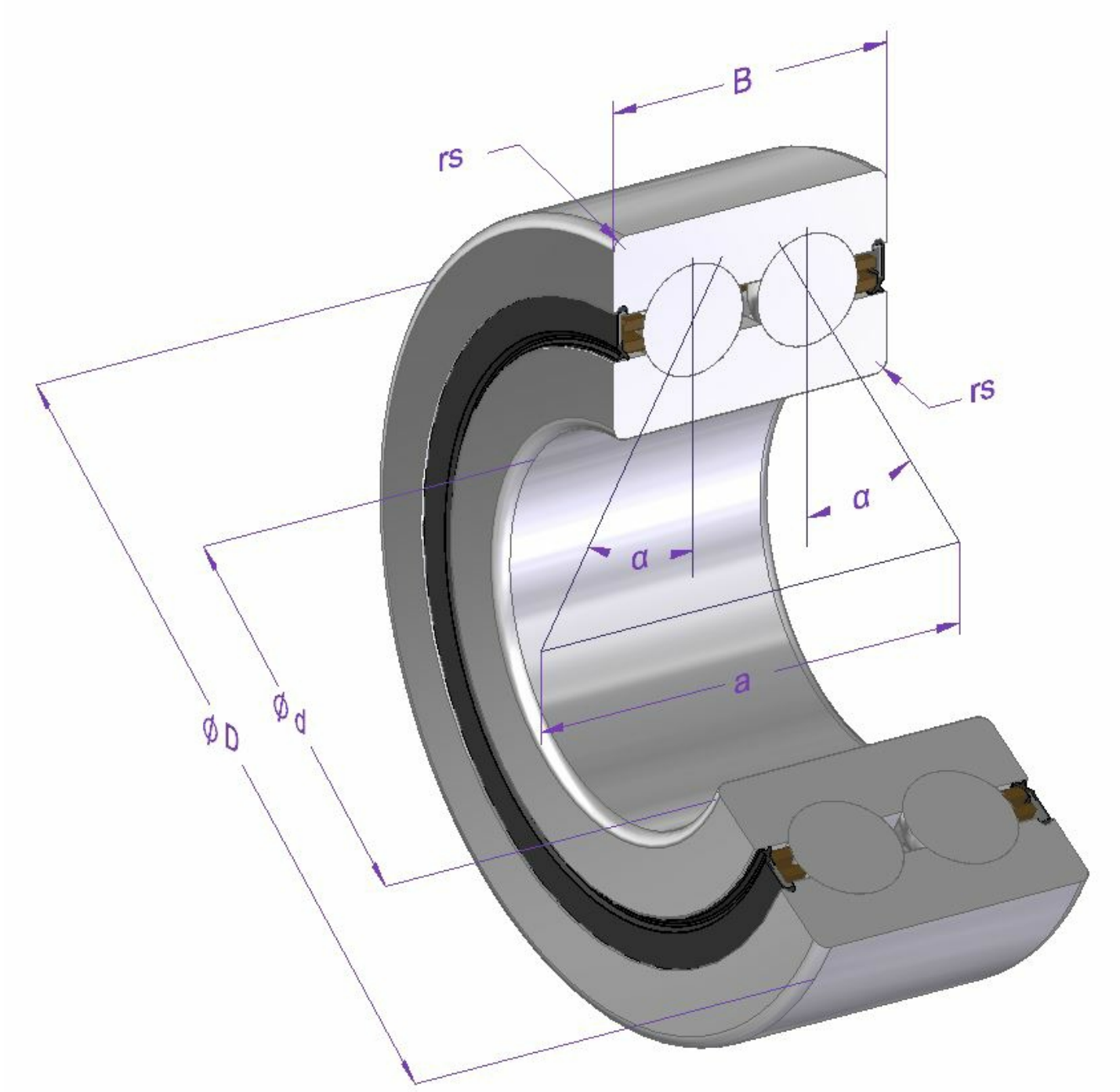
description

3211	Size
B	Pressure angle
TN	Plastic cage
2RS	Sealing washers on both sides, touching
C3	Internal clearance

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	55	0 / -15	620-2

article 3211 B TN 2RS C3 NS7 **Art-No.** 50841

dimension	Description	[mm]	tolerance [µm]	DIN/ISO
D	nominal outer diameter	100	0 / -15	620-2
B	width	33.3	0 / -150	620-2
rs min.	minimal chamfer dimension	1.5		628-3
a	load application point	58.23		
alpha	contact angle	30°		628-3
e	calculation factor	0.8		
Y1	calculation factor	0.78		
Y2	calculation factor	1.24		
Y0	calculation factor	0.66		
X	calculation factor	0.63		
C3	internal clearance	0.026 / 0.048		628-3

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	54000	2450	281	47200	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4300	

operating temperature	max. [°C]	min. [°C]
	120	-20

bearing clearance	axial min. [µm]	max. [µm]
	26	48

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		
Sealing washers	St12/NBR		

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