Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 01.03.2017 / 02

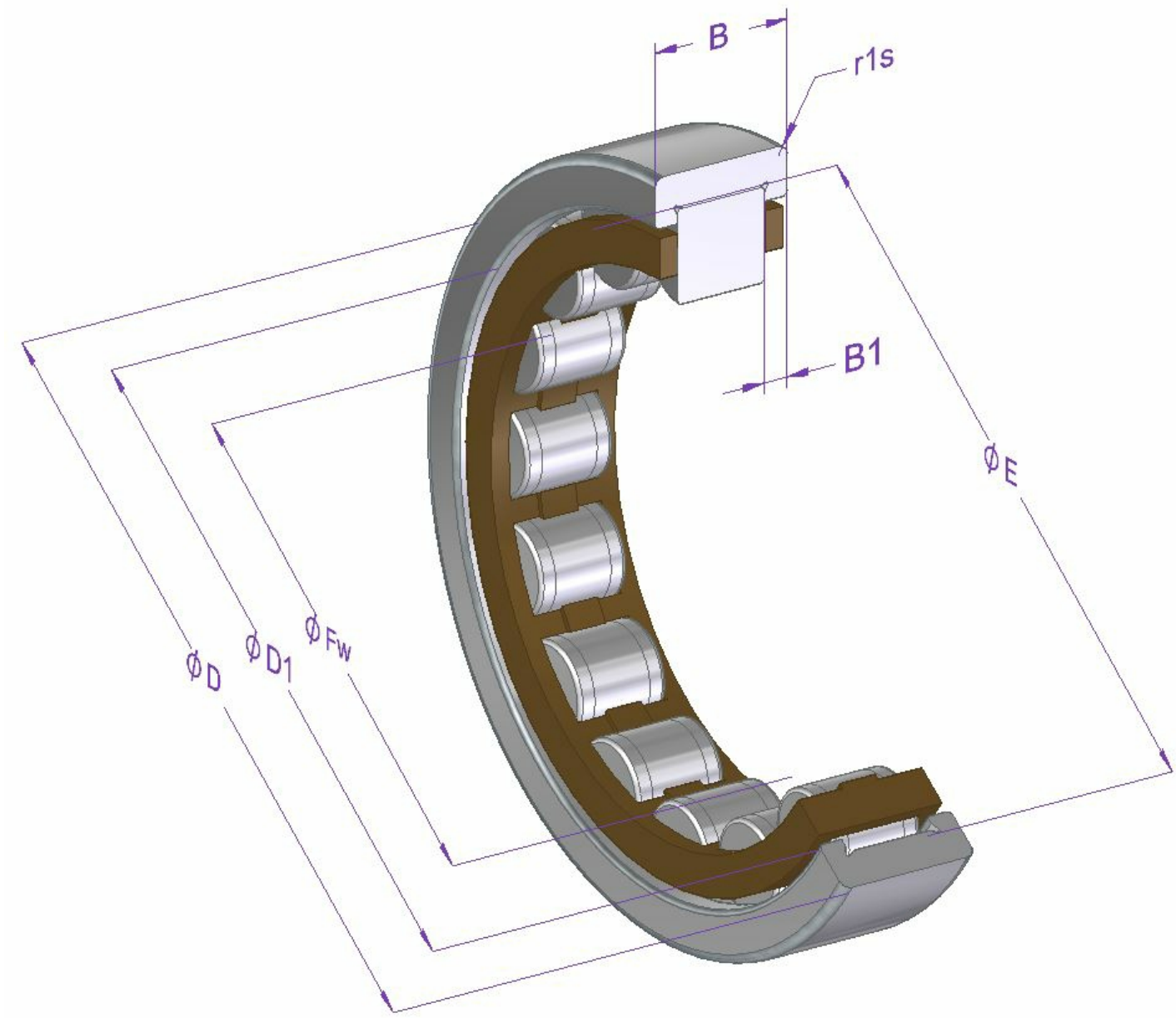
article RNU 209 E TVP2 **Art-No.** 46846 **brand** SKA **weight/kg** 0.40

remark Calculation data are only valid with corresponding mating track.

description

RNU	Design
209	Size
E	Reinforced version
TVP2	Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	54.5	0 / 15	5412-1
D	nominal outer diameter	85	0 / -15	620-2
B	width	19	0 / -120	620-2
r1s min.	minimal chamfer dimension	1.1		5412-1
B1	flange width	3.5		5412-1

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calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	63000	8200	281	66700	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		7500	9000

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

material specification

description	material	DIN/ISO	hardness
Outer ring	100Cr6	683-17	58-65
Cylindrical rollers	100Cr6	683-17	58-65
Cage	PA66 + GF25		

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