Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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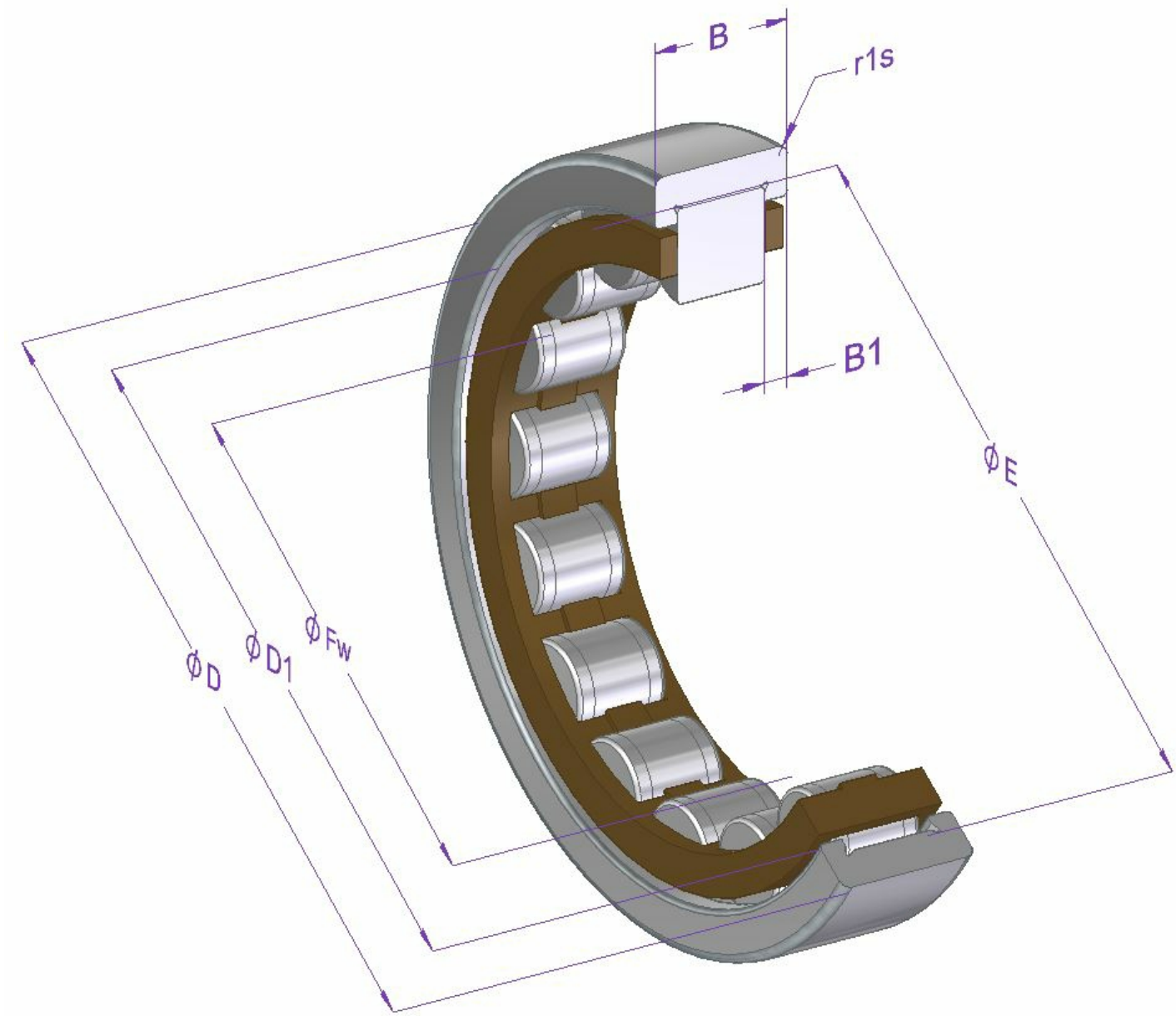
article RNU 2306 E TVP2 **Art-No.** 47049 **brand** SKA **weight/kg** 0.52

remark Calculation data are only valid with corresponding mating track.

description

RNU	Design
2306	Size
E	Reinforced version
TVP2	Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	40.5	0 / 15	5412-1
D	nominal outer diameter	72	0 / -13	620-2
B	width	27	0 / -120	620-2
r1s min.	minimal chamfer dimension	1.1		5412-1
B1	flange width	4.5		5412-1
E	raceway diameter outer ring	62.5		
D1	outer shoulder diameter	~ 59.2		

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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
	74600	9000	281	78000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		8000	9500

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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