Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

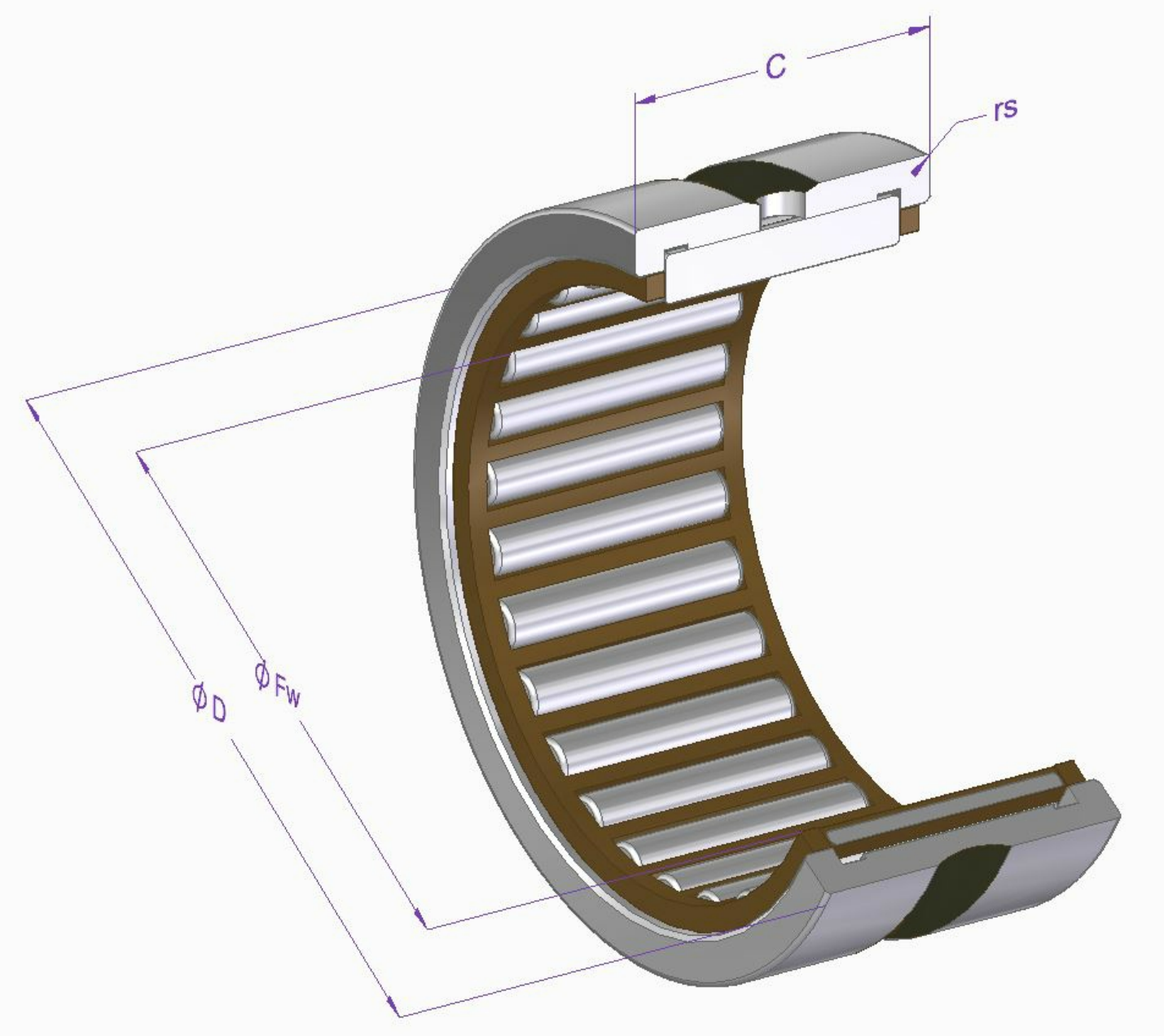
article NK 25/20 TN **Art-No.** 52952 **brand** SKA **weight/kg** 0.042

remark Load ratings and rotational speed also depending on mating track.

description

NK	Design
25/20	Size
TN	Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	25	20 / 33	617
D	nominal outer diameter	33	0 / -11	620-2
C	width	20	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		617

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article NK 25/20 TN **Art-No.** 52952

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	19800	4730	281	31700	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		11000	16000

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

material specification

description	material	DIN/ISO	hardness
Outer ring	100Cr6	683-17	58-65
Needle rollers	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.