Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

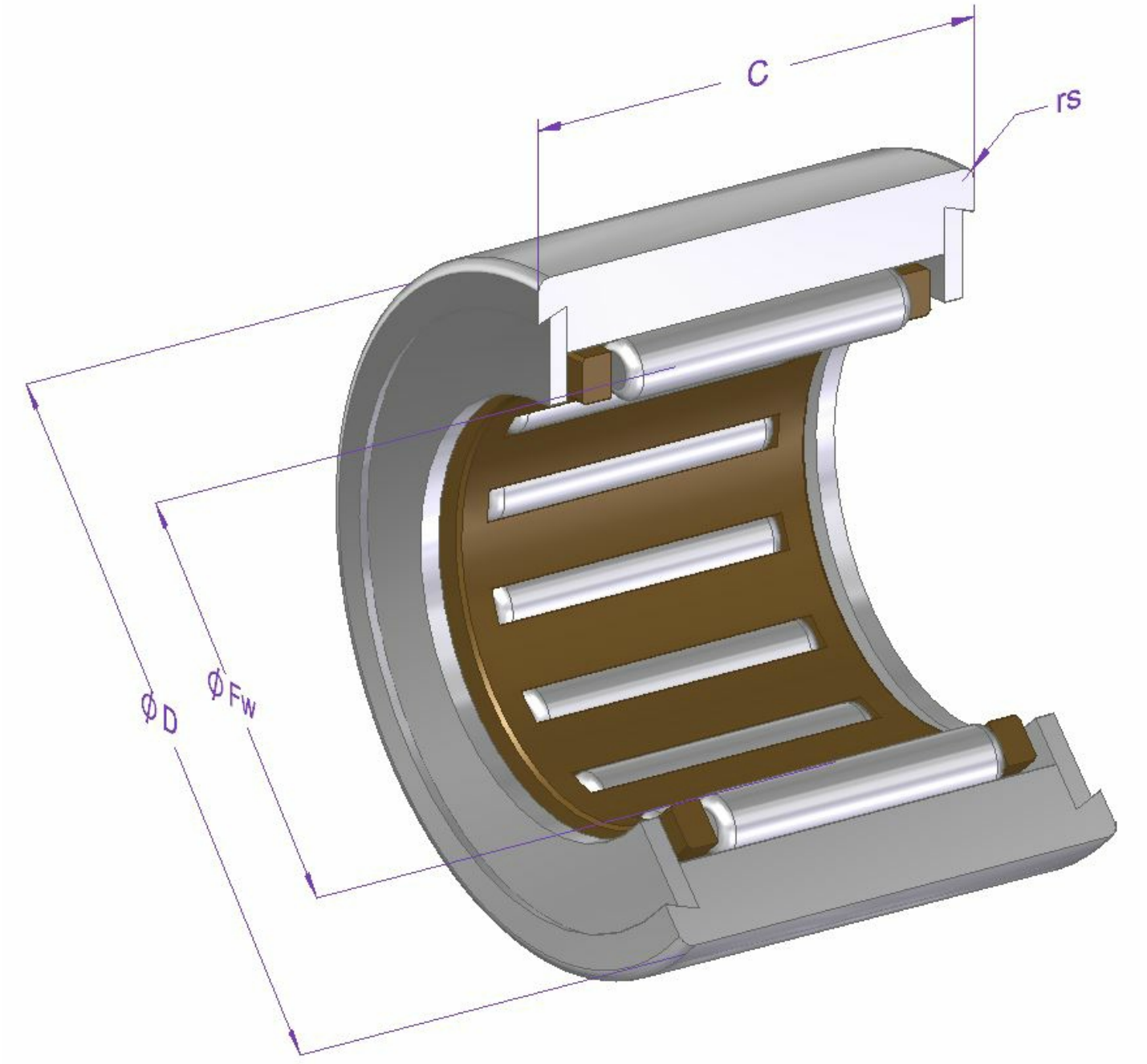
article NK 8/12 TN **Art-No.** 43291 **brand** SKA **weight/kg** 0.009

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

description

NK	Design
8/12	Size
TN	Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	8	13 / 22	
D	nominal outer diameter	15	0 / -8	620-2
C	width	12	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		

article NK 8/12 TN **Art-No.** 43291

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	3950	570	281	4020	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		21000	32000

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		
Lock ring	56Mn4		
Inner ring	100Cr6	683-17	58-65
Cage	Sheet steel		
Circlip	56Mn4		
Cage	PA66 + GF25		
Flanged wheel	56Mn4		
Flanged wheels	56Mn4		
Lock ring	Sheet steel		
Lock rings	56Mn4		

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