Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

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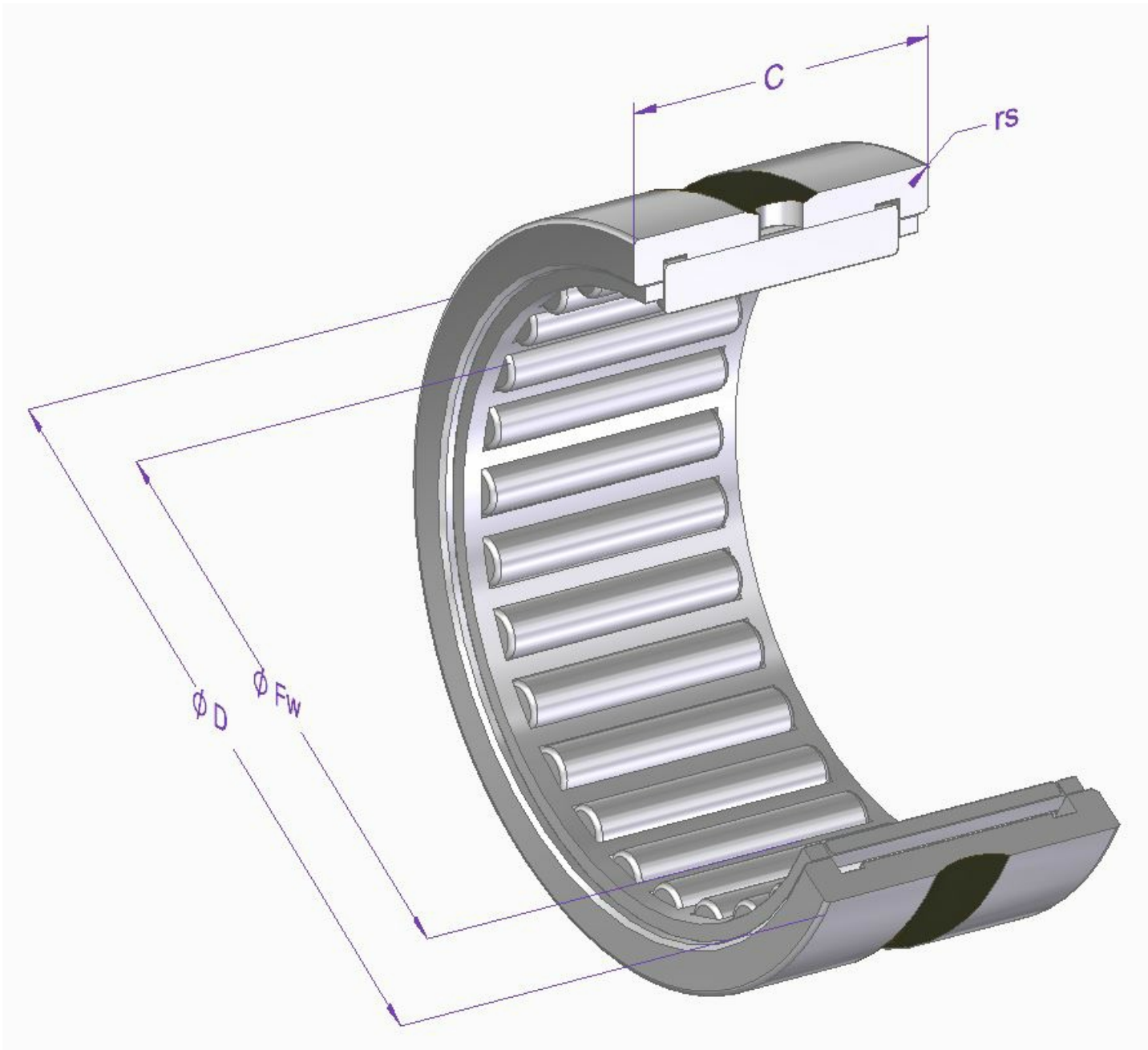
article NK 47/20 **Art-No.** 54176 **brand** SKA **weight/kg** 0.095

description

NK	Design
47/20	Size

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

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	47	25 / 41	617
D	nominal outer diameter	57	0 / -13	620-2
C	width	20	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		

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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
	30100	8500	281	59000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		5500	8500

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	58-66
Cage	Sheet steel		

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