general data/description

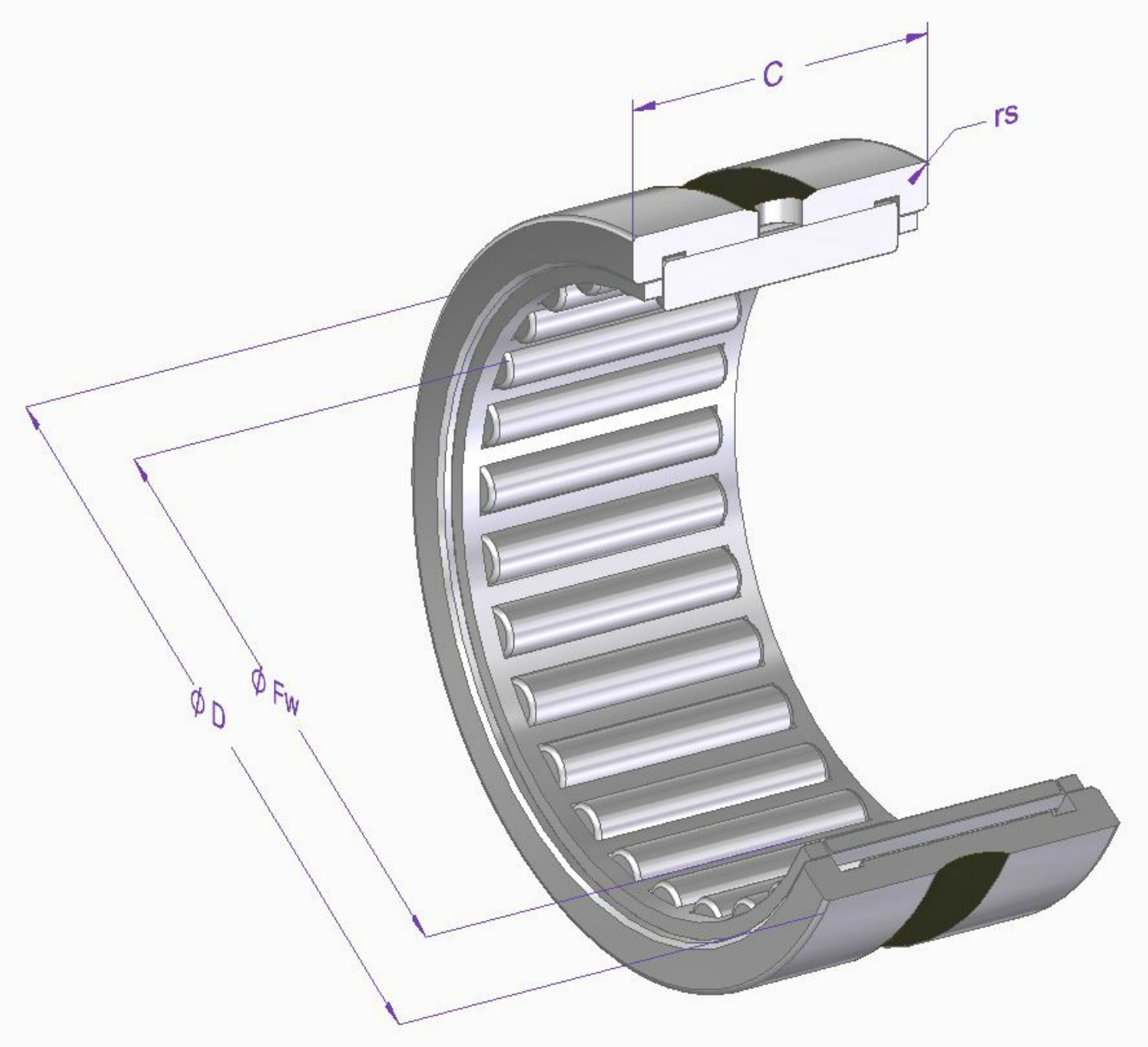
created: 18.01.2023 / 01 page: 1 / 2

article NK 70/35 **Art-No.** 28424 **brand** SKA **weight/kg** 0.37

description
NK Design

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	70	30 / 49	
D	nominal outer diameter	85	0 / -15	620-2
C	width	35	0 / -120	620-2
rs min.	minimal chamfer dimension	0.6		

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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
	66100	22600	281	151000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3700	5500

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	Sheet steel		

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