Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

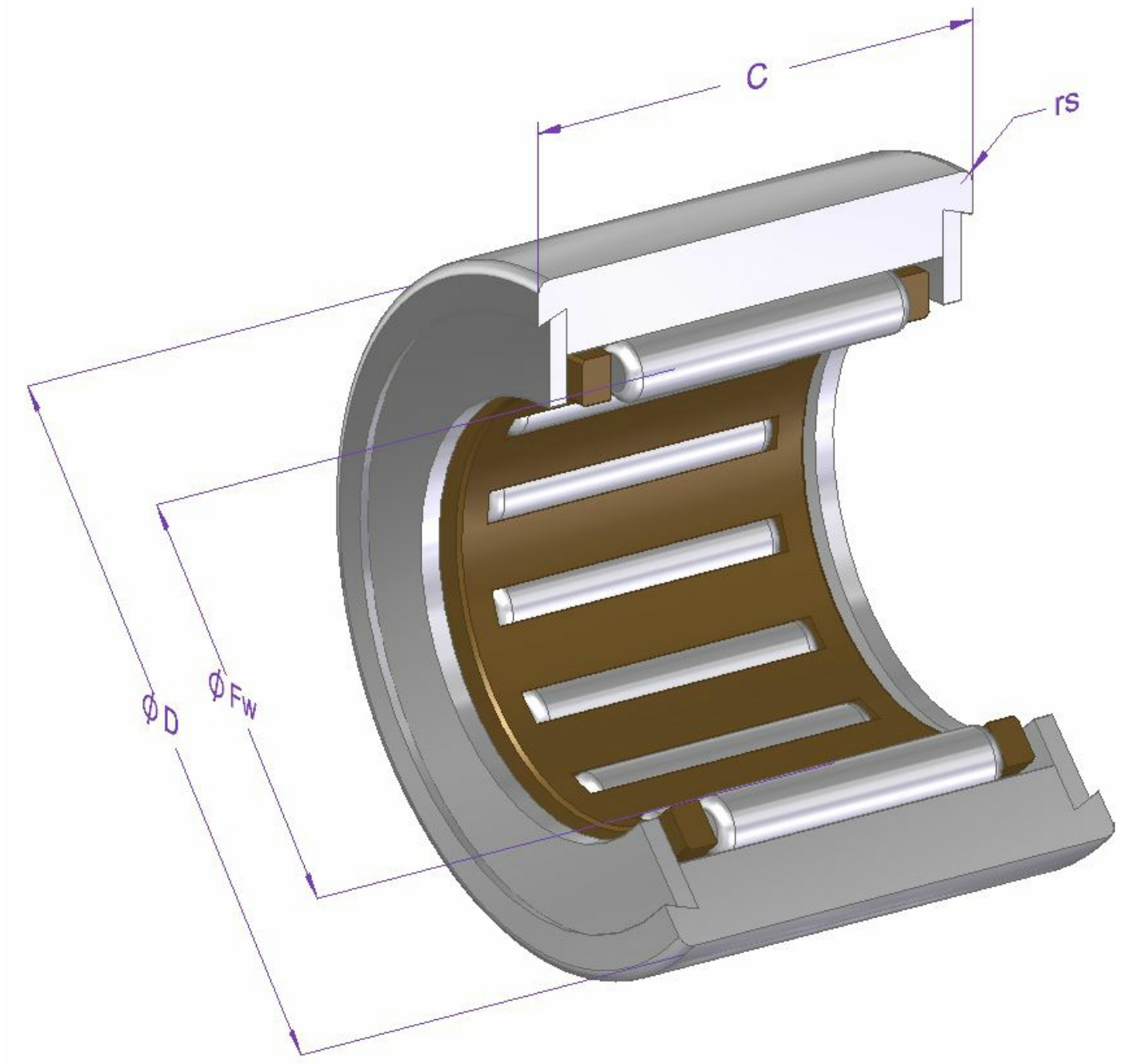
created: 22.01.2015 / 02

article NK 6/12 TN **Art-No.** 45840 **brand** SKA **weight/kg** 0.0057

description

NK	Design
6/12	Size
TN	Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	6	10 / 18	
D	nominal outer diameter	12	0 / -8	620-2
C	width	12	0 / -120	620-2
rs min.	minimal chamfer dimension	0.15		620-6

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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**
	3300			281	3000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		25000	36000			
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 rings	56Mn4		

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.