general data/description

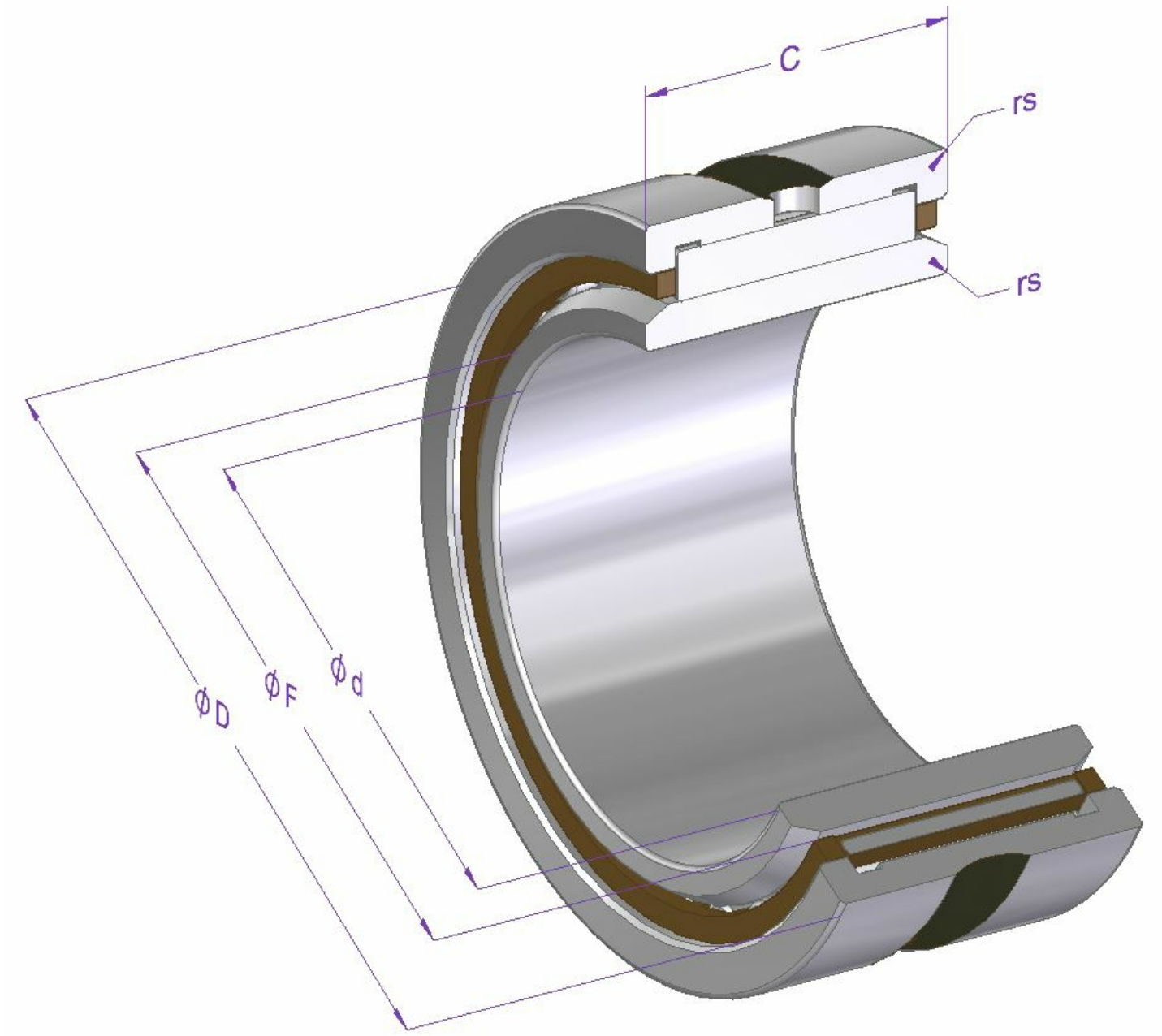
created: 22.08.2016 / 03 page: 1 / 2

article NKI 45/25 TN **Art-No.** 46324 **brand** SKA **weight/kg** 0.229

description

NKI	Design
45/25	Size
TN	Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	45	0 / -12	620-2
D	nominal outer diameter	62	0 / -13	620-2
F	raceway diameter	50		
C	width	25	0 / -120	620-2
rs min.	minimal chamfer dimension	0.6		

article NKI 45/25 TN **Art-No.** 46324

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	44600	13000		281	90000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		5500				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	30	60				

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Needle rollers	100Cr6	683-17	58-65
Cage	PA66		

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