Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

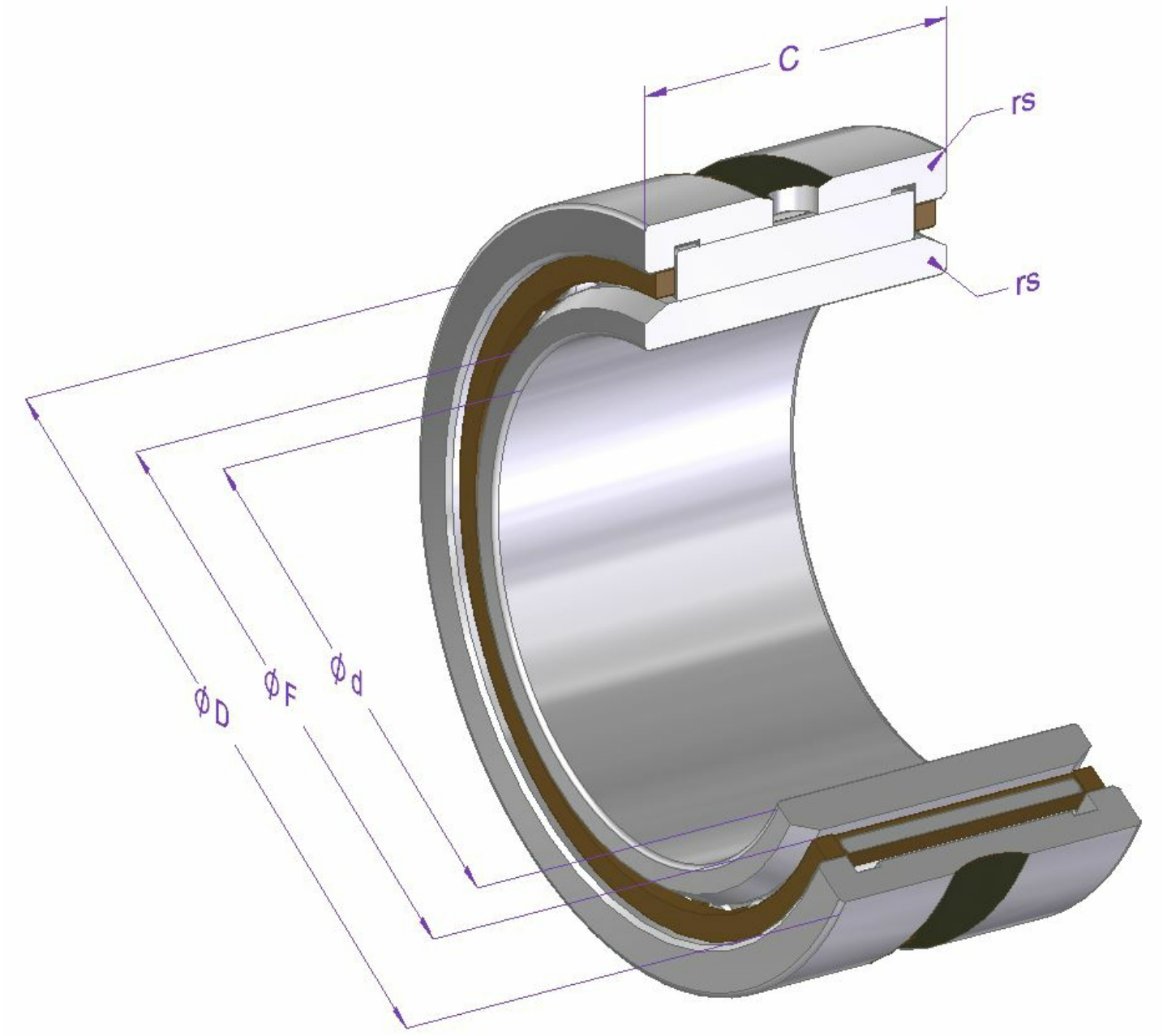
general data/description

article NKI 40/30 TN **Art-No.** 45512 **brand** SKA **weight/kg** 0.216

description

NKI	Design
40/30	Size
TN	Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	40	0 / -12	620-2
F	raceway diameter	45		
D	nominal outer diameter	55	0 / -13	620-2
C	width	30	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		620-6

article NKI 40/30 TN **Art-No.** 45512

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	47000	16000		281	103000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
	5500	7500	10300			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	25	50				

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		

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