Hans Saurer Kugellager AG
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general data/description

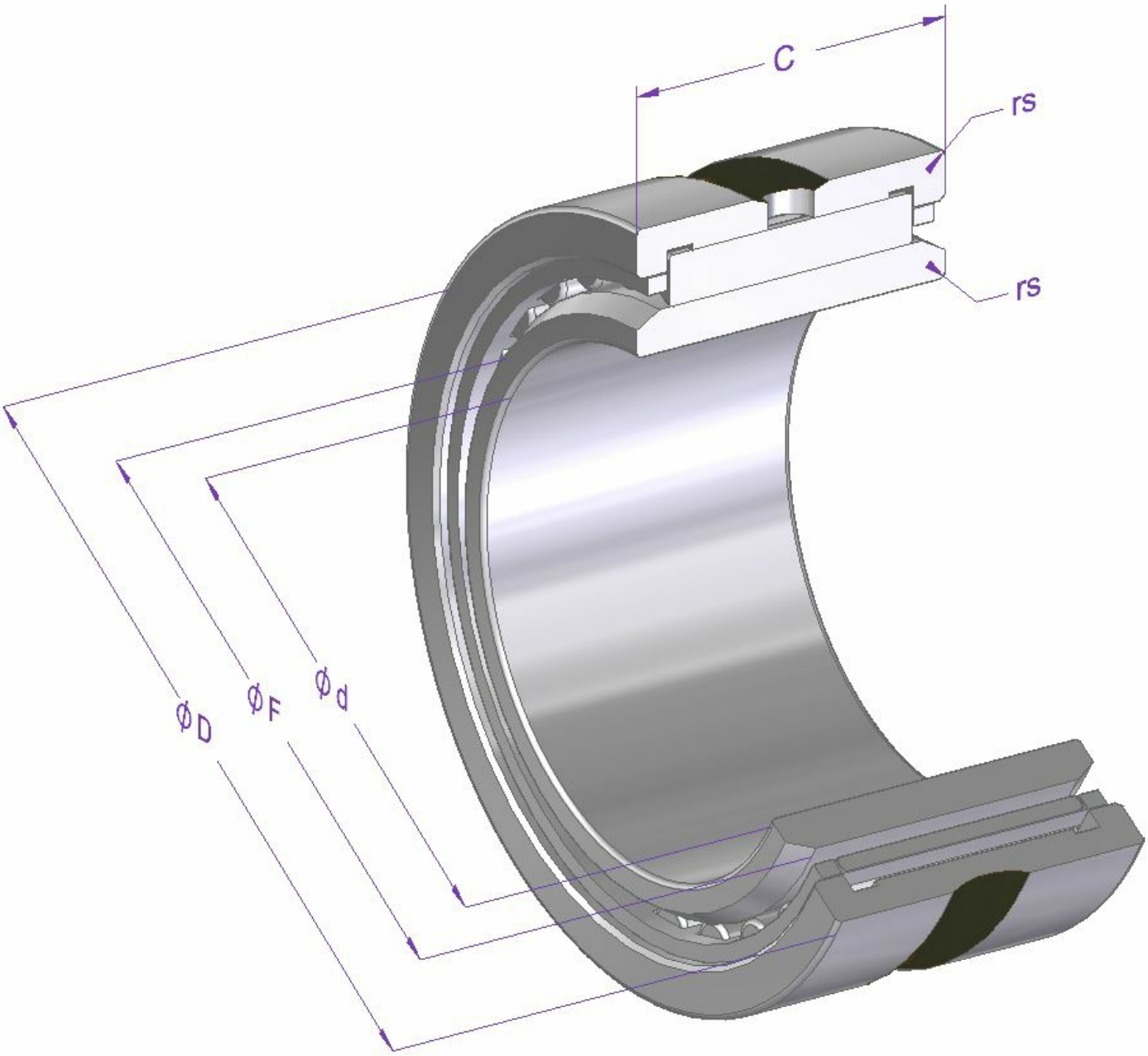
created: 07.02.2018 / 02

article NKI 80/25 **Art-No.** 49070 **brand** SKA **weight/kg** 0.677

description

NKI Design

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	80	0 / -15	620-2
D	nominal outer diameter	110	0 / -15	620-2
F	raceway diameter	90		
C	width	25	0 / -150	620-2
rs min.	minimal chamfer dimension	1		620-6
s	axial displacement	1		

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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**
	76300	16800		281	139000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		2700	4000			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	40	75				

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	Sheet steel		

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