Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

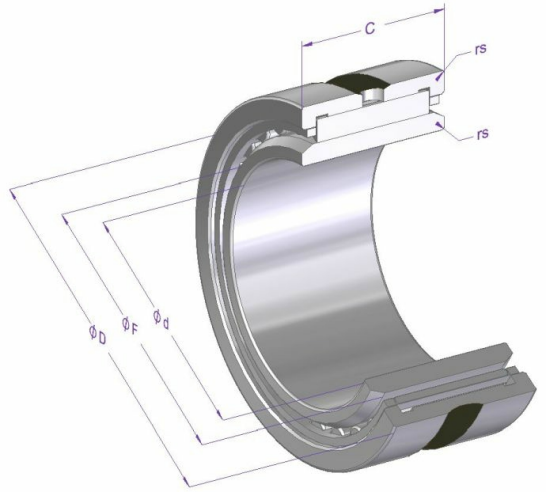
created: 22.12.2017 / 02

article NKI 10/20 **Art-No.** 44418 **brand** SKA **weight/kg** 0.0371

description

NKI	Design
10/20	Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	10	0 / -8	620-2
F	raceway diameter	14		
D	nominal outer diameter	22	0 / -9	620-2
C	width	20	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	13500	2400		281	16400	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		16000	24000			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	20	45				

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		

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