Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

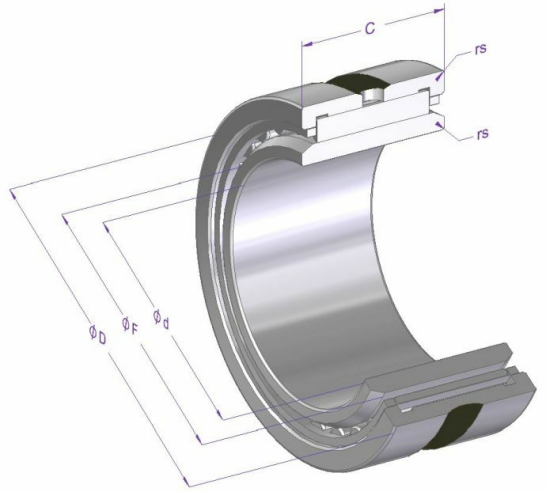
created: 14.08.2026 / 01

article NKI 17/20 **Art-No.** 54949 **brand** SKA **weight/kg** 0.0534

description

NKI	Design
17/20	Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	17	0 / -8	620-2
D	nominal outer diameter	29	0 / -9	620-2
C	width	20	0 / -120	620-2
F	raceway diameter	21		
Fw	inner enveloping circle diameter	21	20 / 33	620-6
rs min.	minimal chamfer dimension	0.3		617
s	axial displacement	0.5		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	19700	3880	281	26300	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		13000	19000

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	58-66
Cage	St12		

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