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data sheet

general data/description

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article NKI 32/20 AV0982 **Art-No.** 54278 **brand** SKA **weight/kg** 0.118

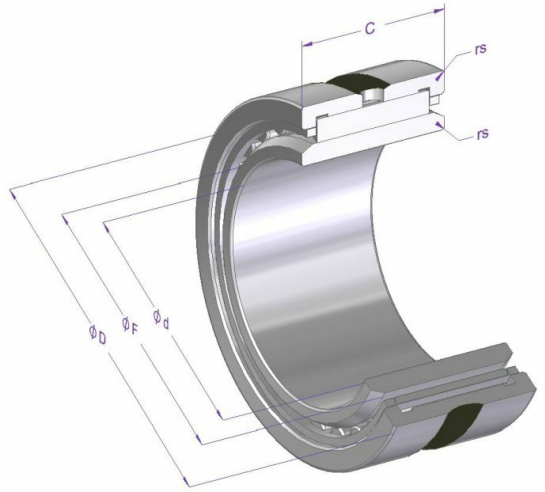
description

NKI	Design
32/20	Size

greasing

AV0982	SHELL ALVANIA AV0982

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	32	0 / -12	620-2
D	nominal outer diameter	47	0 / -11	620-2
C	width	20	0 / -120	620-2
F	raceway diameter	37		
Fw	inner enveloping circle diameter	37	25 / 41	617
rs min.	minimal chamfer dimension	0.3		WERKSNORM
s	axial displacement	0.5		WERKSNORM

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	28400	7330		281	50800	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		7500	11000			
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	58-66
Cage	St12		

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