Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

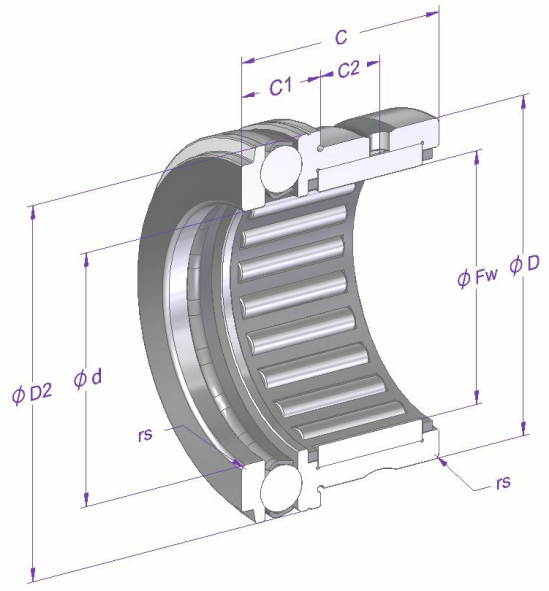
created: 04.03.2015 / 03

article NKX 10 TN **Art-No.** 46006 **brand** SKA **weight/kg** 0.034

description

NKX	Design
10	Size
TN	Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	10	13 / 22	5429-1
d	nominal inner diameter	10	25 / 47	5429-1
D	nominal outer diameter	19	0 / -9	620-2
D2	outer diameter	24.1		5429-1
C	width	23	0 / -250	5429-1
C1	width	9	0 / -200	5429-1
C2	distance lubrication hole	6.5		5429-1
rs min.	minimal chamfer dimension	0.3		620-6
Ca [N]	dynamic load rating, axial	9320		
C0a [N]	static load capacity, axial	13700		
Cua [N]	fatigue limit load, axial	620		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	6130	1130	281	7570	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		7000	9500

operating temperature	max. [°C]	min. [°C]
	120	-20

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Needle cage	PA66		
Snap ring	56Mn4		
Balls	100Cr6	683-17	58-65
Ball Cage	Sheet steel		
Axial washer	100Cr6	683-17	58-65

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