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data sheet

general data/description

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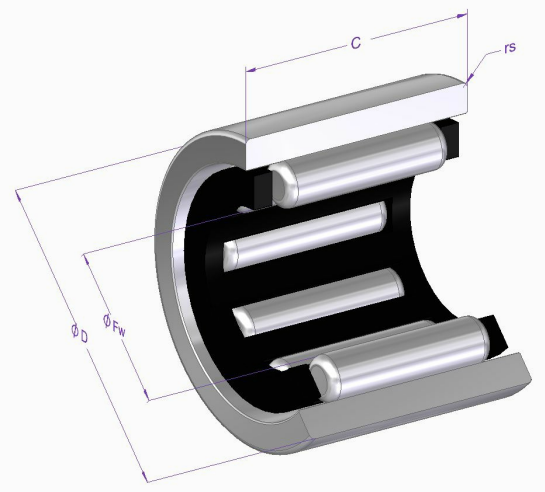
article RNAO 5 10 8 TN **Art-No.** 48331 **brand** SKA **weight/kg** 0.003

remark Load ratings and rotational speed also depending on mating track.

description

RNAO	Design
5	Size
10	Size
8	Size
TN	Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	5	0 / -8	620-2
D	nominal outer diameter	10	0 / -8	620-2
C	width	8	0 / -120	620-2
rs min.	minimal chamfer dimension	0.15		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	2560	265	281	2120	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		27000	40000

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 rollers	100Cr6	683-17	58-65
Cage	PA66		

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