Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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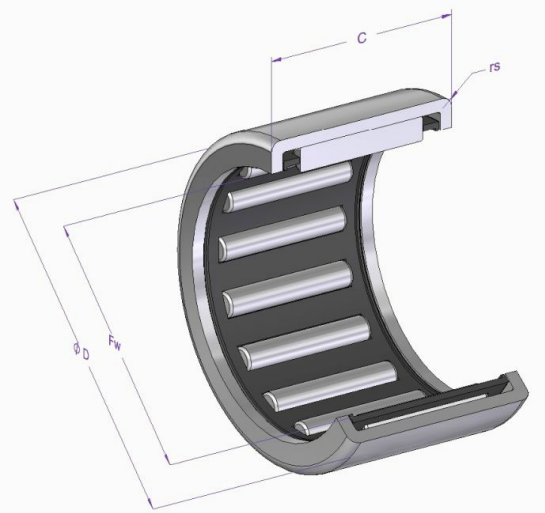
article HK 0509 TN **Art-No.** 44853 **brand** SKA **weight/kg** 0.002

remark For cup needle bearings the enveloping circle diameter Fw can only be checked in installed condition.

description

HK	Design
0509	Size
TN	Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	5	10 / 28	618
D	nominal outer diameter	9		618
C	width	9	0 / -300	618
rs min.	minimal chamfer dimension	0.4		618

calculation and operating data

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

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		27000	39000

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

material specification

description	material	DIN/ISO	hardness
Sleeve	Sheet steel		
Needle rollers	100Cr6	683-17	58-65
Cage	PA66		

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