Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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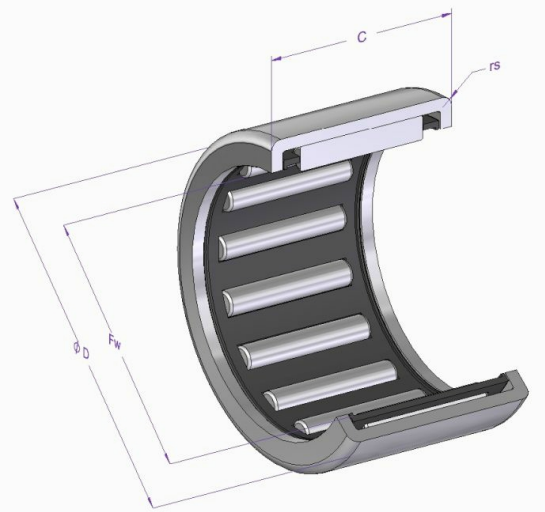
article HK 1412 **Art-No.** 51500 **brand** SKA **weight/kg** 0.011

description

HK Design
1412 Size

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

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	14	16 / 34	618
D	nominal outer diameter	20		618
C	width	12	-300 / 0	618
rs min.	minimal chamfer dimension	0.8		618

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	7140	1100	281	8420	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		11000	17000

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	Sheet steel		

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