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data sheet

general data/description

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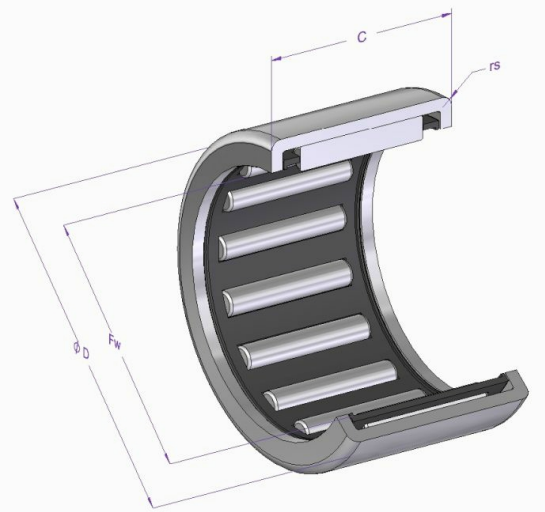
article HK 3012 **Art-No.** 47027 **brand** SKA **weight/kg** 0.023

description

HK	Design
3012	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	30	20 / 41	618
D	nominal outer diameter	37		618
C	width	12	0 / -300	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
	11400	1990	281	16700	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		5500	8000

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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