Hans Saurer Kugellager AG
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data sheet

general data/description

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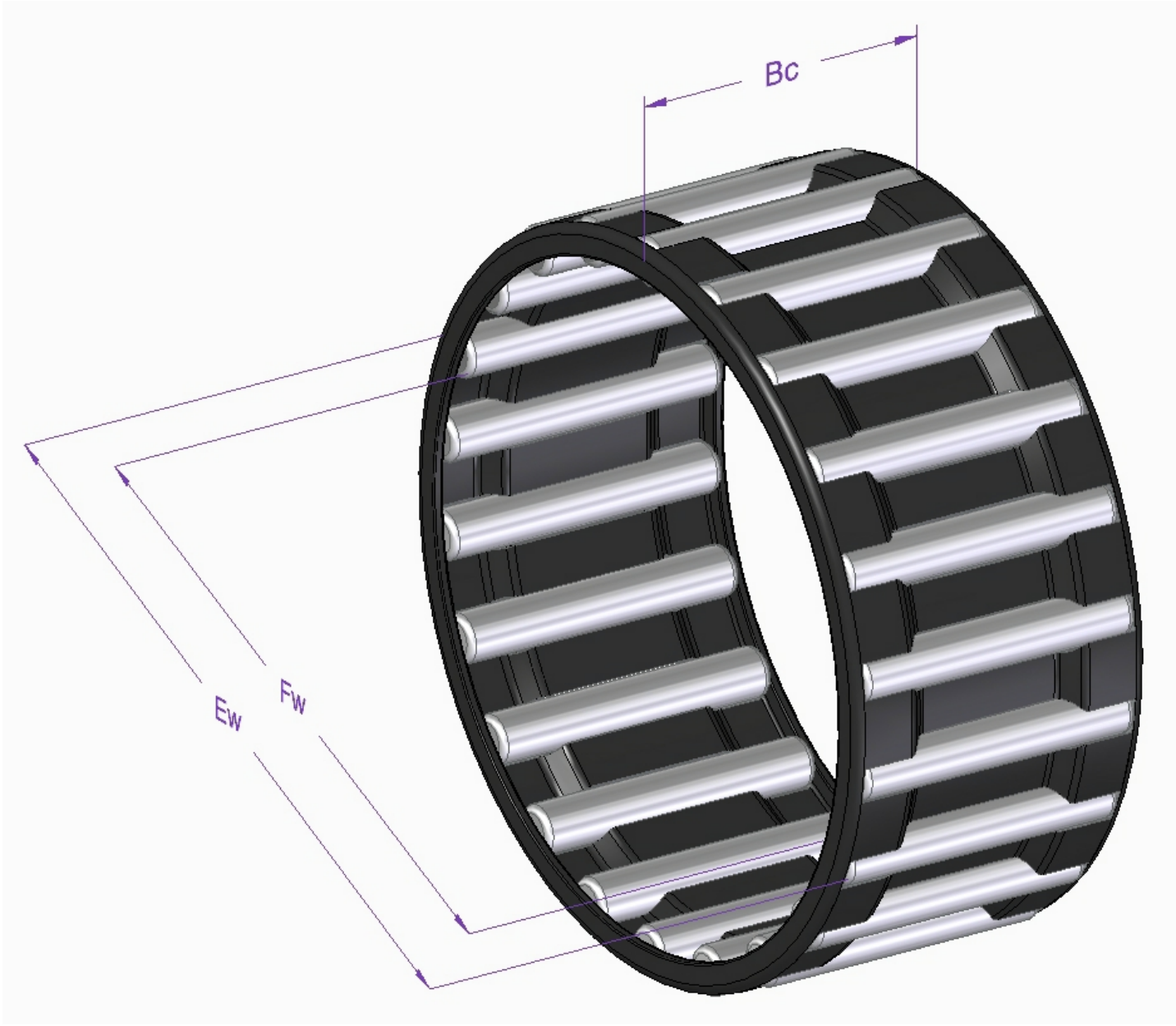
article K 12 18 12 TN **Art-No.** 49613 **brand** SKA **weight/kg** 0.006

remark The enveloping circle diameters Fw and Ew can not be measured in the loose state. Load ratings and rotation rates are only valid with corresponding mating surfaces.

description

K	Design
12	Size
18	Size
12	Size
TN	Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	12		5405-1
Ew	outer enveloping circle diameter	18		5405-1
Bc	cage width	12	-200 / -800	5405-1

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calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	9600	1100	281	9230	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		17000	26000

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

material specification

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

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