Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 24.05.2023 / 02

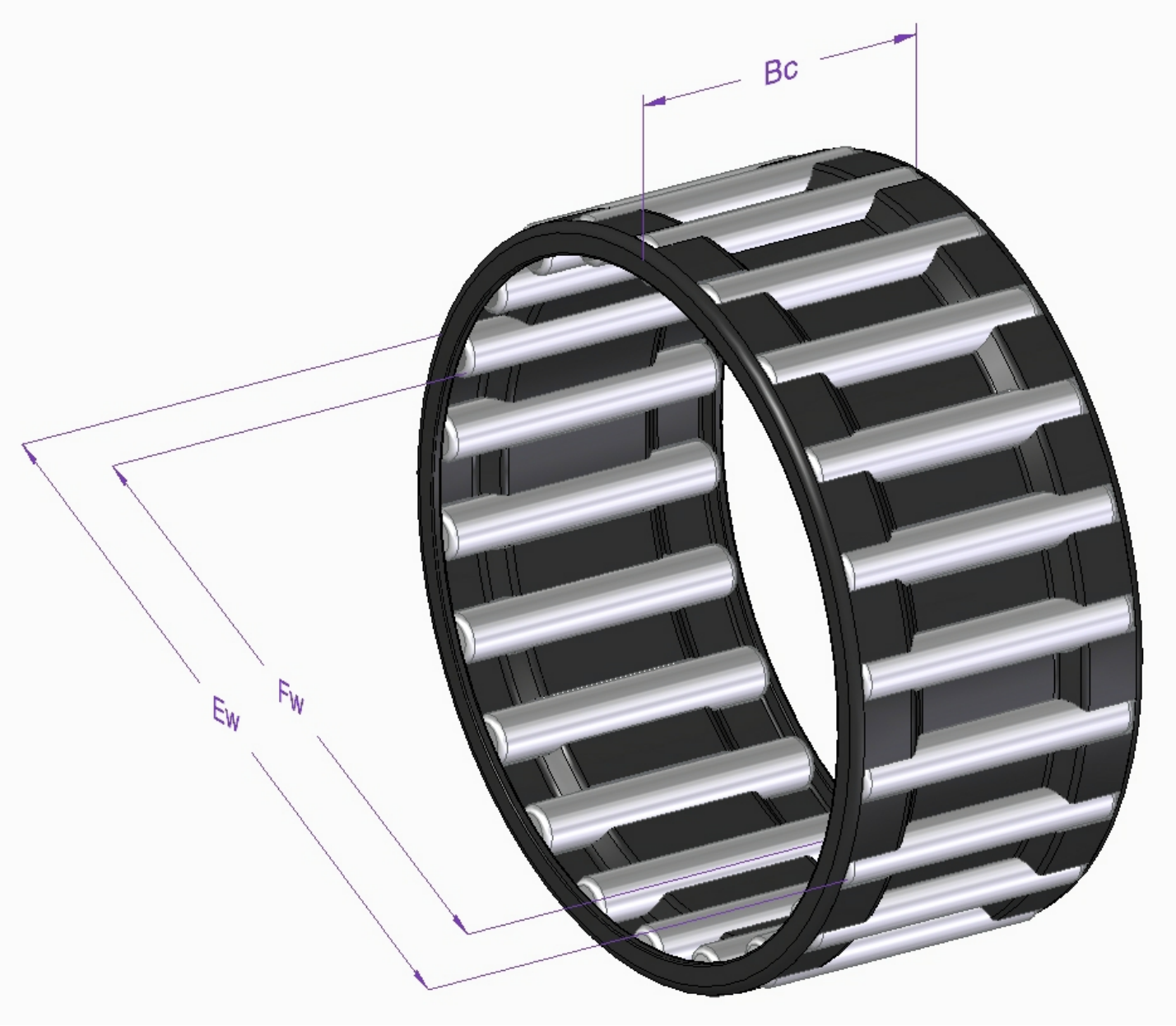
article K 8 12 10 TN G23 **Art-No.** 52262 **brand** SKA **weight/kg** 0.002

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
8	Size
12	Size
10	Size
TN	Plastic cage
G23	G2 -3-5

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	8		5405-1
Ew	outer enveloping circle diameter	12		5405-1
Bc	cage width	10	-200 / -800	5405-1
Dw	Diameter of rolling element	2	-3 / -5	5402-3

article K 8 12 10 TN G23 **Art-No.** 52262

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	5130	620	281	4810	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		21000	32000

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

material specification

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

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.