Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

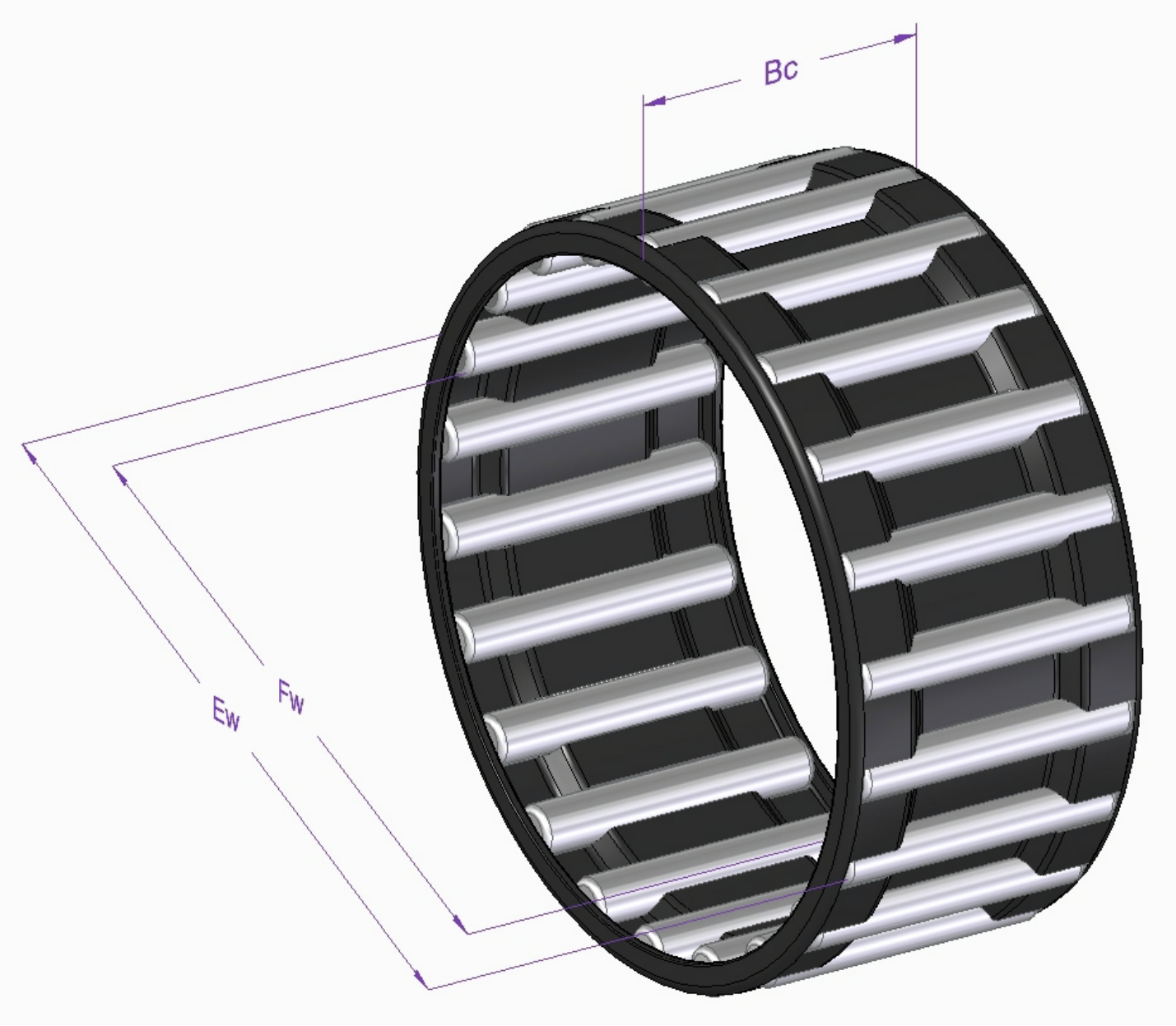
article K 8 11 8 TN G23 **Art-No.** 52173 **brand** SKA **weight/kg** 0.001

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
11	Size
8	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	11		5405-1
Bc	cage width	8	-200 / -800	5405-1
Dw	Diameter of rolling element	1.5	-3 / -5	5402-3

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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**
	2960	360		281	2790	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.