Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 19.03.2014 / 03 page: 1 / 1

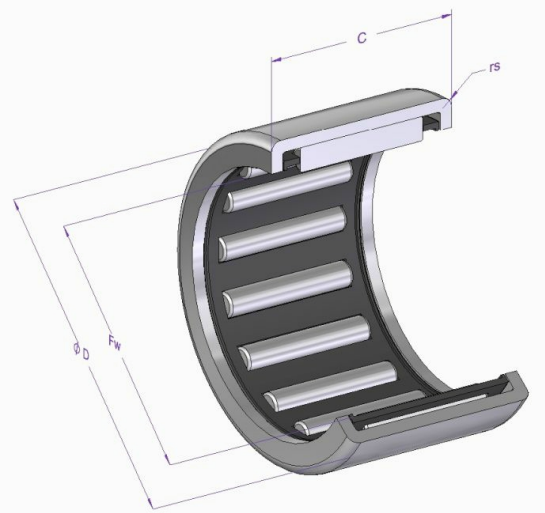
article HK 0408 TN **Art-No.** 44800 **brand** SKA **weight/kg** 0.002

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

description

HK	Design
0408	Size
TN	Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	4	10 / 28	618
D	nominal outer diameter	8		618
C	width	8	0 / -300	618
rs min.	minimal chamfer dimension	0.3		618

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	1780			281	1310	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		24000	40000			
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	PA66		

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