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general data/description

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article HK 0812 2RS BM2 **Art-No.** 43663 **brand** SKA **weight/kg** 0.0033

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

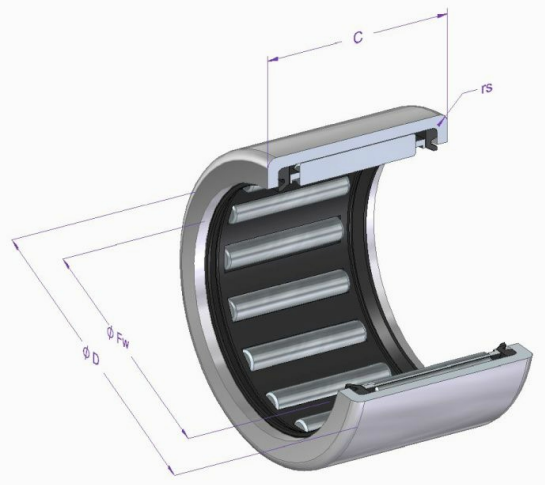
description

HK	Design
0812	Size
2RS	Sealing washers on both sides, touching

greasing

BM2	KLÜBERPLEX BEM34-132

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	8	13 / 31	618
D	nominal outer diameter	12		618
C	width	12	-300 / 0	618
rs min.	minimal chamfer dimension	0.4		618

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	3220	400	281	3130	76

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

operating temperature	max. [°C]	min. [°C]
	120	-35

material specification

description	material	DIN/ISO	hardness
Sleeve	Sheet steel		
Needle rollers	100Cr6	683-17	58-66
Cage	Sheet steel		
Sealing washers	NBR		

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