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data sheet

general data/description

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article HK 0810 RS LX3 **Art-No.** 46004 **brand** SKA **weight/kg** 0.003

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

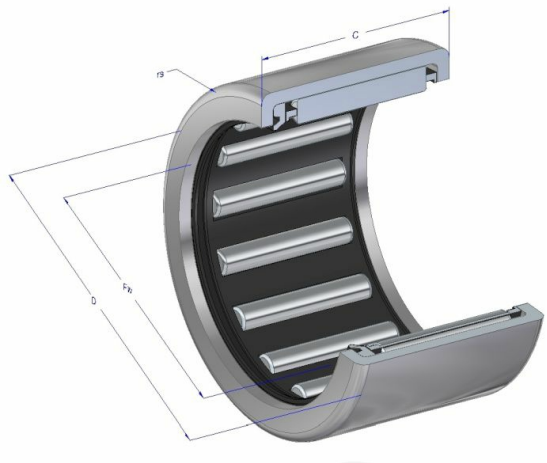
description

HK	Design
0810	Size
RS	Sealing washer on one side, touching

greasing

LX3	SHELL GADUS S3 V220C 2

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	10	0 / -300	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
	3000		281	3000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		10000	

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	Sheet steel		
Sealing washer	NBR		

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