Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article HK 3020 2RS LX3 **Art-No.** 47110 **brand** SKA **weight/kg** 0.036

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

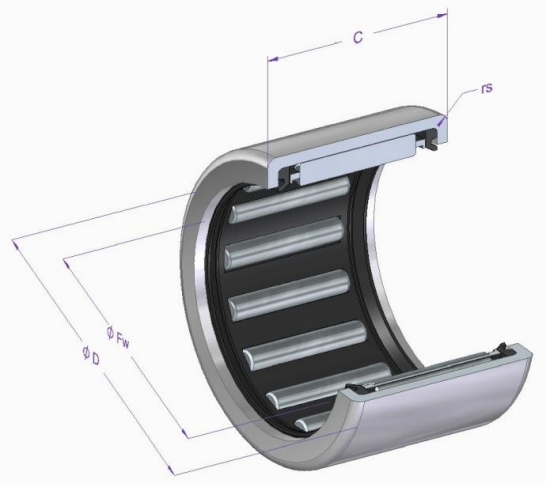
description

HK	Design
3020	Size
2RS	Sealing washers on both sides, touching

greasing

LX3	SHELL GADUS S3 V220C 2

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	30	20 / 41	618
D	nominal outer diameter	37		618
C	width	20	0 / -300	618
rs min.	minimal chamfer dimension	0.8		618

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	17200	3800		281	28400	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		5500				
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 washers	NBR		

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