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data sheet

general data/description

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article HK 1216 2RS AS1 LX3 **Art-No.** 51507

brand SKA **weight/kg** 0.016

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

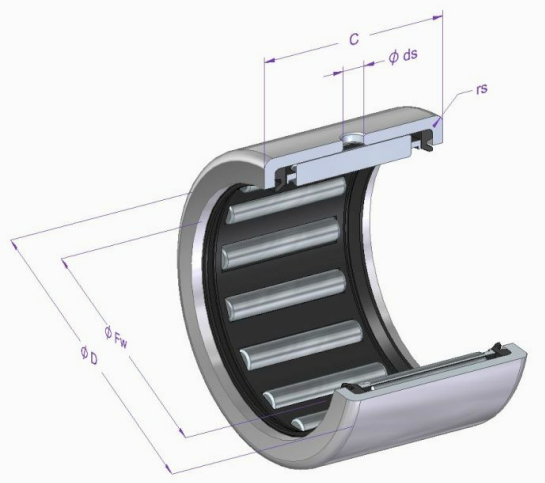
description

HK	Design
1216	Size
2RS	Sealing washers on both sides, touching
AS1	Lubrication hole

greasing

LX3	SHELL GADUS S3 V220C 2

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	12	16 / 34	618
D	nominal outer diameter	18		618
C	width	16	0 / -300	618
rs min.	minimal chamfer dimension	0.8		618
ds	diameter lubrication hole	2		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	5470	700	281	5710	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		12000	

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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