Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 12.10.2020 / 01 page: 1 / 1

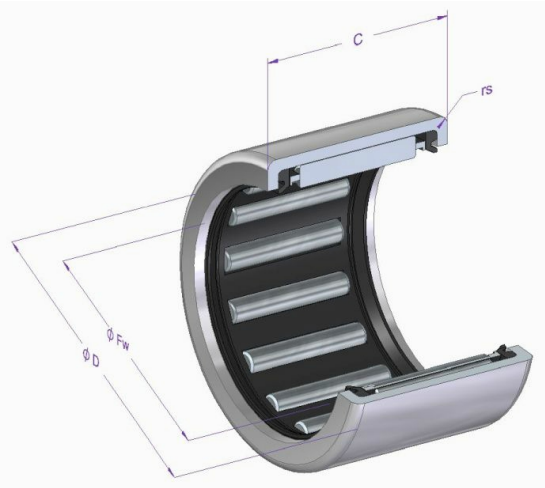
article HK 1520 2RS **Art-No.** 36642 **brand** SKA **weight/kg** 0.018

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

description

HK	Design
1520	Size
2RS	Sealing washers on both sides, touching

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	15	16 / 34	618
D	nominal outer diameter	21		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**
	8660	1540		281	11000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		8400				
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	Sheet steel/NBR		

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