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data sheet

general data/description

created: 12.10.2021 / 01 page: 1 / 1

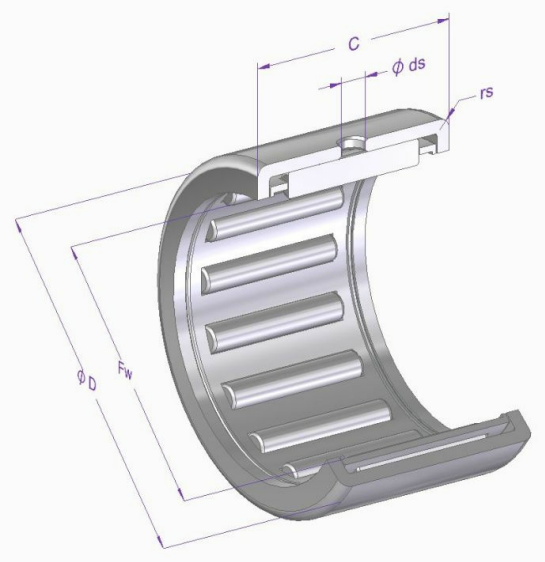
article HK 1010 AS1 **Art-No.** 51735 **brand** SKA **weight/kg** 0.0043

description

HK	Design
1010	Size
AS1	Lubrication hole

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

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	10	13 / 31	618
D	nominal outer diameter	14		618
C	width	10	0 / -300	618
rs min.	minimal chamfer dimension	0.4		618
ds	diameter lubrication hole	1.5		WERKSNORM

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	3810	540	281	4120	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		16000	24000

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		

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