Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article HFL 0822 BC1 **Art-No.** 48012 **brand** SKA **weight/kg** 0.007

remark For cup roller clutches the enveloping circle diameter Fw can only be checked in installed condition. Temperature limit depending on lubricant.

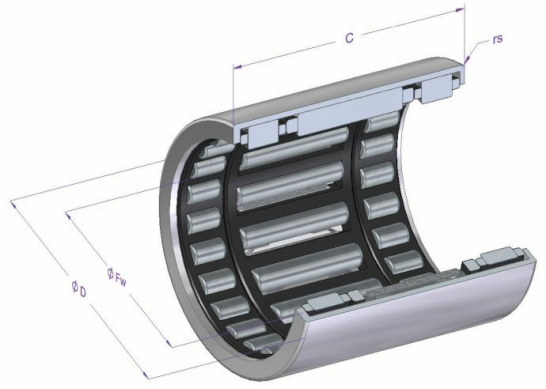
description

HFL	Design
0822	Size

greasing

BC1	KLÜBER CENTOPLEX 2DL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	8	13 / 31	WERKSNORM
D	nominal outer diameter	12		
C	width	22	0 / -300	WERKSNORM
rs min.	minimal chamfer dimension	0.3		WERKSNORM
nGA [1/min]	Limiting speed with rotating outer ring	12000		
nGW [1/min]	Limiting speed with rotating shaft	17000		
Mdper. [Nm]	permissible torque	3.15		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	3500	500	281	3800	76

operating temperature	max. [°C]	min. [°C]
	80	-20

material specification

description	material	DIN/ISO	hardness
Sleeve	Sheet steel		
Sprag	100Cr6	683-17	58-65
Needle rollers	100Cr6	683-17	58-65
Cage	PA66		
Springs	Sheet steel INOX		

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