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data sheet

general data/description

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article HFL 1022 NS7 **Art-No.** 51705 **brand** SKA **weight/kg** 0.008

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

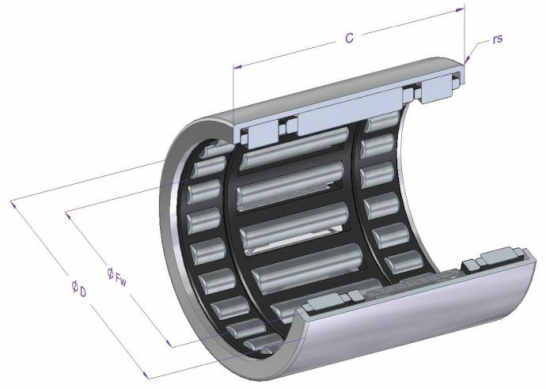
description

HFL	Design
1022	Size

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	10	13 / 35	WERKSNORM
D	nominal outer diameter	14		
C	width	22	0 / -300	WERKSNORM
rs min.	minimal chamfer dimension	0.3		WERKSNORM
nGA [1/min]	Limiting speed with rotating outer ring	11000		
nGW [1/min]	Limiting speed with rotating shaft	14000		
Mdper. [Nm]	permissible torque	5.3		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	3170	515		3640	

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

material specification

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

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