Hans Saurer Kugellager AG
Niederfeld 38
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data sheet

general data/description

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article HFL 0615 NS7 **Art-No.** 43221 **brand** SKA **weight/kg** 0.0037

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

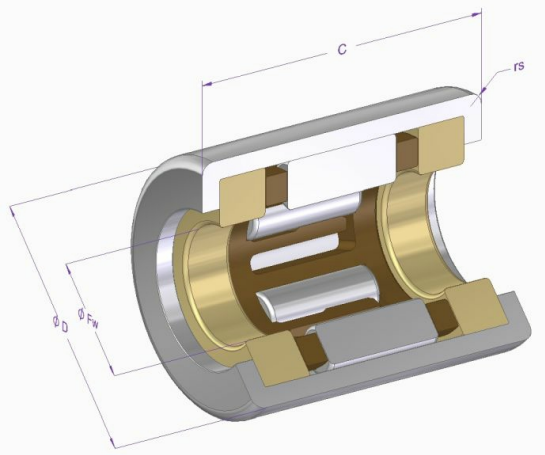
description

HFL	Design
0615	Size

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	6	10 / 28	618
D	nominal outer diameter	10		618
C	width	15	0 / -300	618
rs min.	minimal chamfer dimension	0.3		
Fr max. [N]	Permissible radial load	110		
Mdper. [Nm]	permissible torque	1.76		
nGA [1/min]	Limiting speed with rotating outer ring	13000		
nGW [1/min]	Limiting speed with rotating shaft	23000		

calculation and operating data

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

material specification

description	material	DIN/ISO	hardness
Sprag	100Cr6	683-17	58-66
Cage	PA66		
Springs	SUS304		
Sleeve	St14		58-65
sliding bearing	Cu		

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