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data sheet

general data/description

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article HFL 0615 LX5 **Art-No.** 54951 **brand** SKA **weight/kg** 0.0037

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

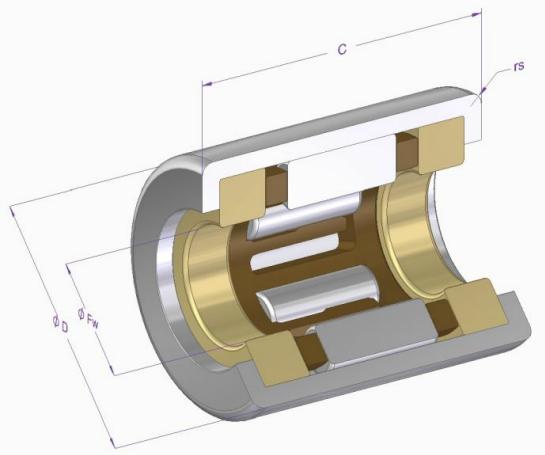
description

HFL	Design
0615	Size

greasing

LX5	SHELL GADUS S2 V100 3

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	-30

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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