Hans Saurer Kugellager AG
Niederfeld 38
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general data/description

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article RNA 22/8 2RS LX3 **Art-No.** 46720 **brand** SKA **weight/kg** 0.029

remark Load ratings calculated according norms for rolling bearings. Also depending on mating track.

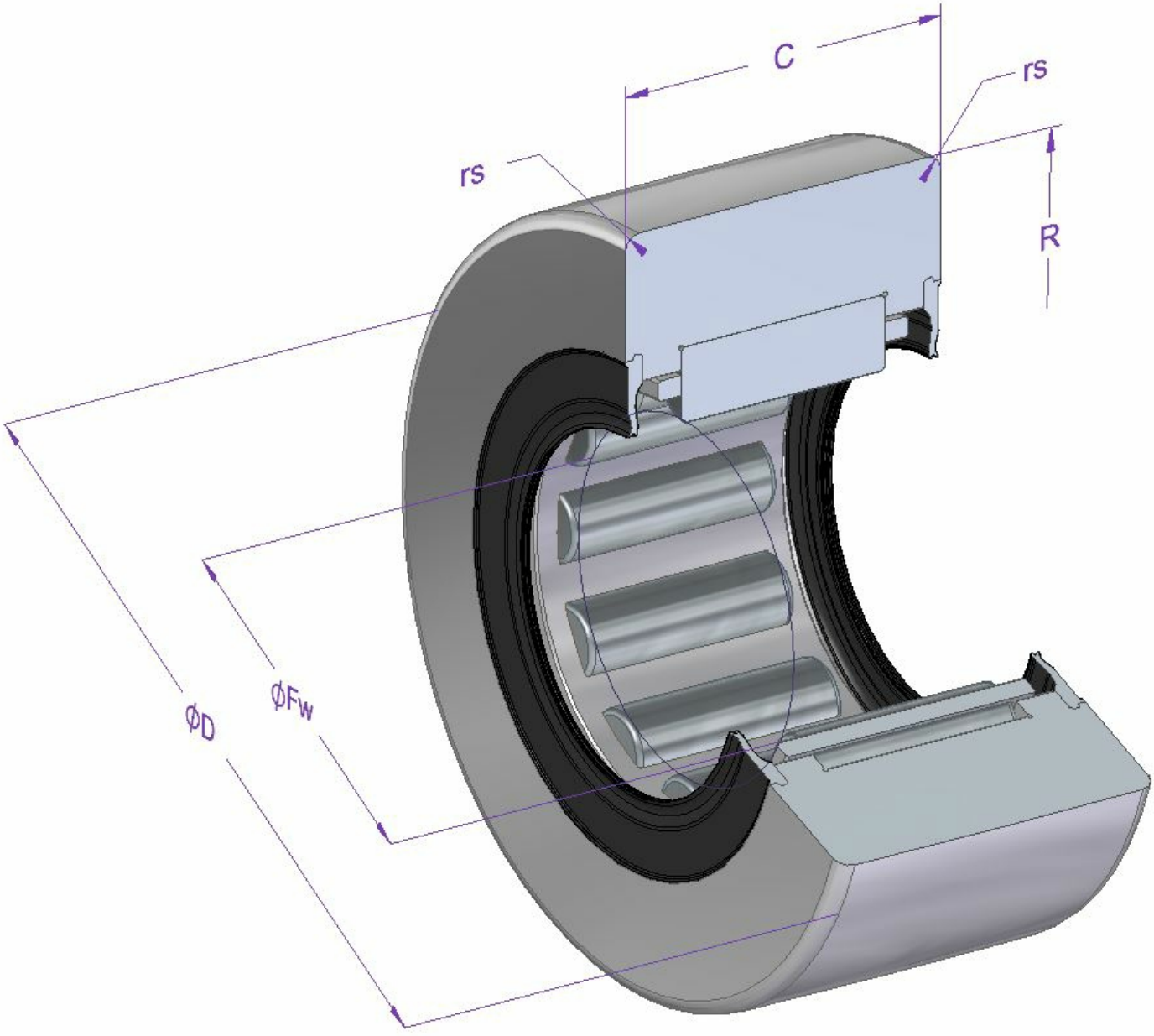
description

RNA	Design
22/8	Size
2RS	Sealing washers on both sides, touching

greasing

LX3	SHELL GADUS S3 V220C 2

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	12	16 / 27	
D	nominal outer diameter	24	0 / -50	
C	outer ring width	11.8	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		
R	radius outer ring	500		

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calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	5400		281	4900	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		7000	

operating temperature	max. [°C]	min. [°C]
	120	-20

material specification

description	material	DIN/ISO	hardness
Outer ring	100Cr6	683-17	58-65
Needle rollers	100Cr6	683-17	58-65
Cage	Sheet steel		
Sealing washers	Sheet steel/NBR		

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