Hans Saurer Kugellager AG
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CH-9320 Stachen

data sheet

general data/description

article RSTO 8 TV LX3 **Art-No.** 44059 **brand** SKA **weight/kg** 0.026

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

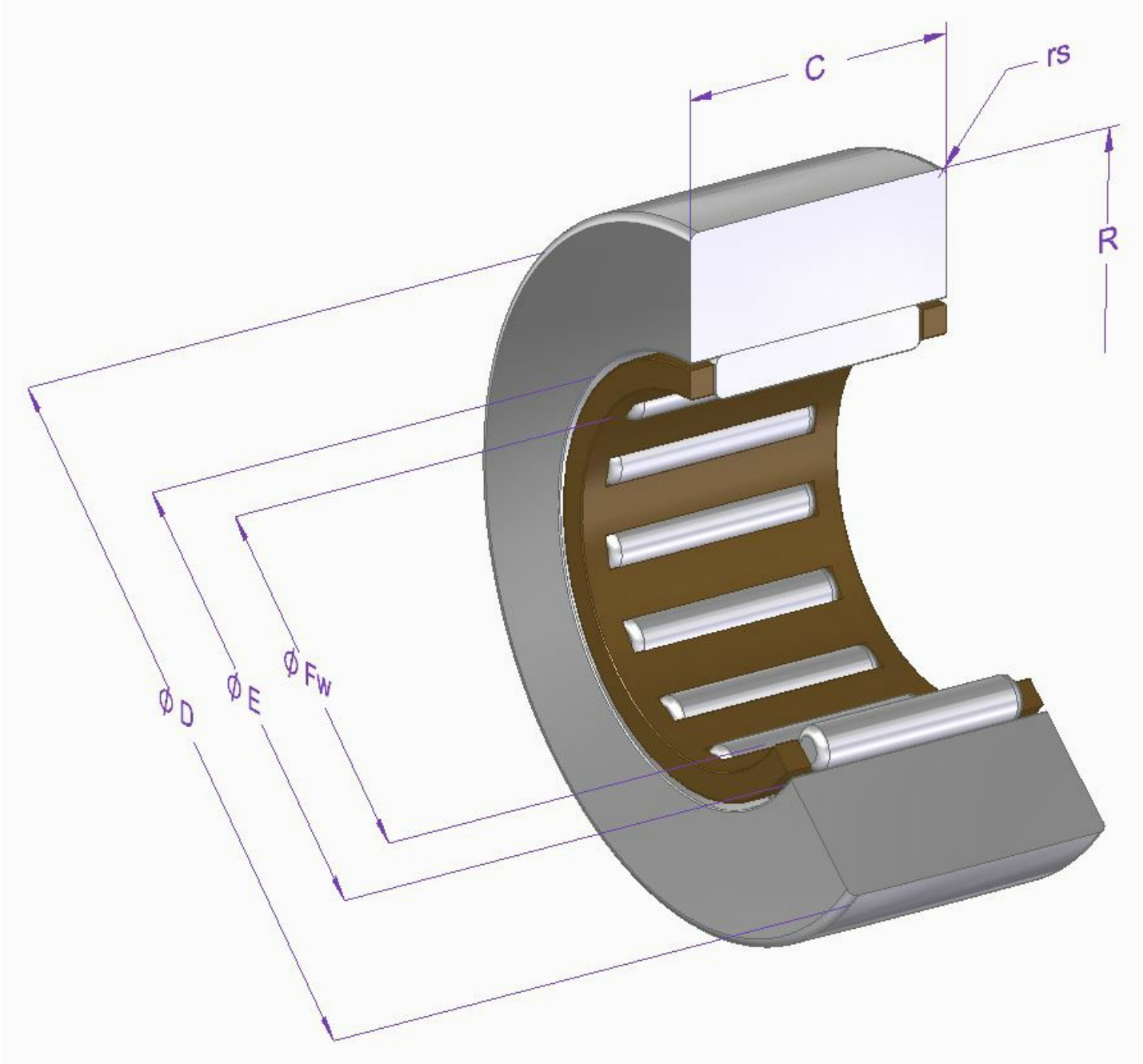
description

RSTO	Design
8	Size
TV	Plastic cage

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	
E	outer enveloping circle diameter	15		
D	nominal outer diameter	24	0 / -50	
C	width	9.8	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		
R	radius outer ring	500		
Crw [N]	Effective dynamic load rating	4200		

article RSTO 8 TV LX3 **Art-No.** 44059

dimension	Description	[mm]	tolerance [µm]	DIN/ISO
C0rw [N]	Effective static load rating	4800		
Curw [N]	Effective fatigue limit load	600		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	4830	830	281	5860	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		8000	

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	PA66 + GF25		

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