general data/description

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article RSTO 6 TV LX3 **Art-No.** 44061 **brand** SKA **weight/kg** 0.0139

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

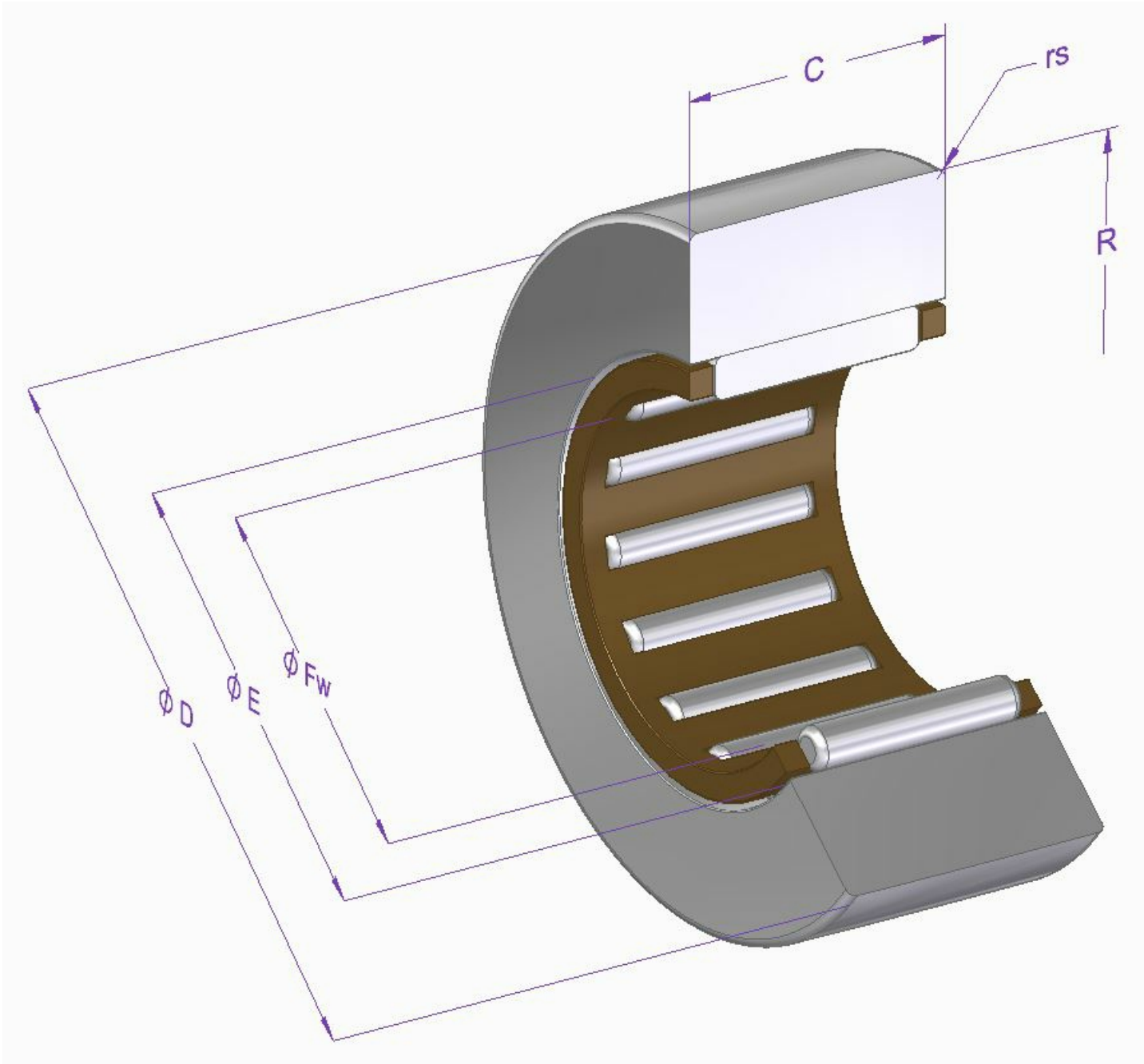
description

RSTO	Design
6	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	10	13 / 22	
E	outer enveloping circle diameter	13		
D	nominal outer diameter	19	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	3790		

article RSTO 6 TV LX3 **Art-No.** 44061

dimension	Description	[mm]	tolerance [µm]	DIN/ISO
C0rw [N]	Effective static load rating	4070		
Curw [N]	Effective fatigue limit load	510		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	4660	750	281	5200	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		10000	

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		

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