Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article RSTO 15 LX3 **Art-No.** 45166 **brand** SKA **weight/kg** 0.053

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

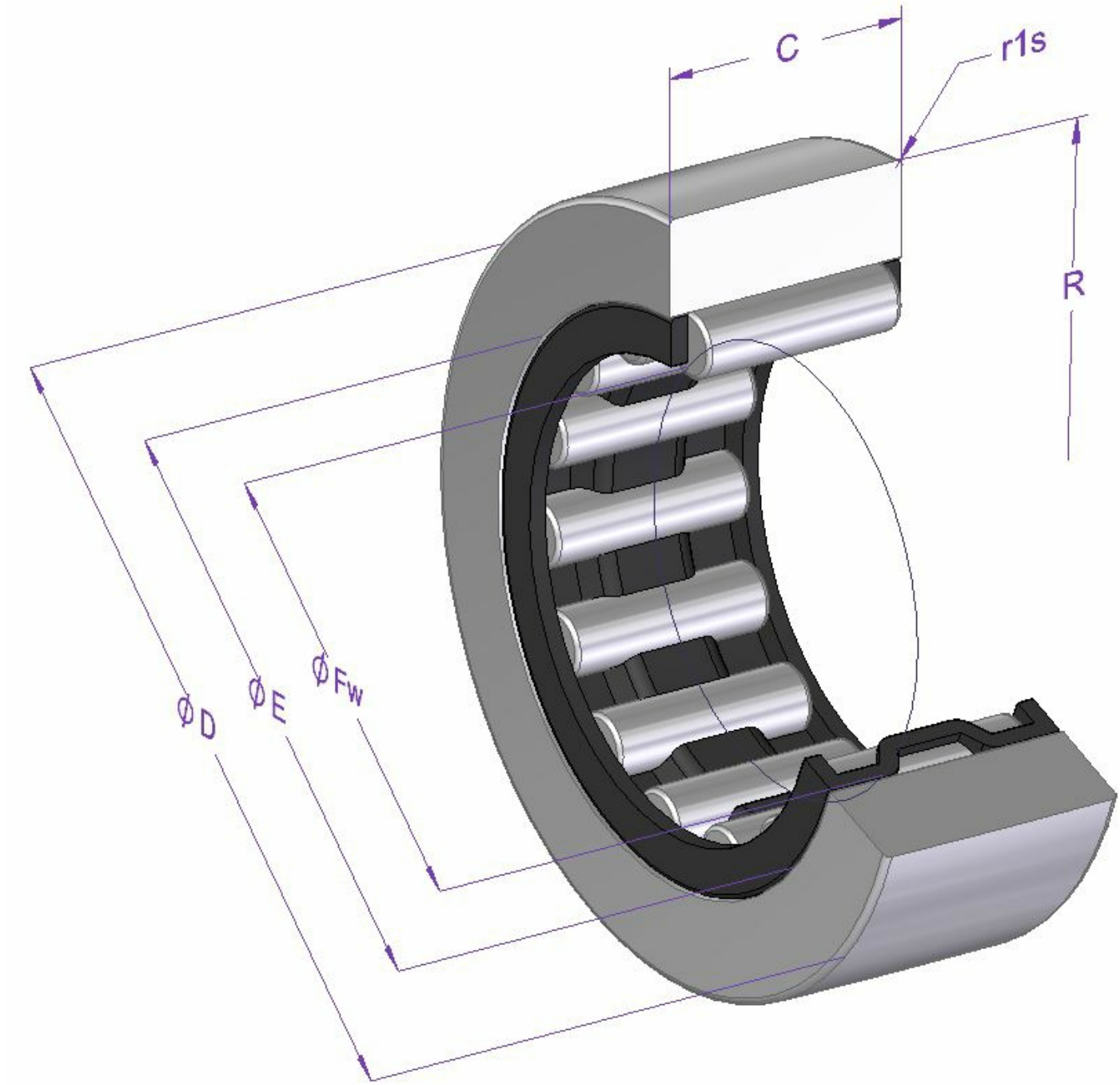
description

RSTO	Design
15	Size

greasing

LX3	SHELL GADUS S3 V220C 2

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	20	20 / 33	
D	nominal outer diameter	35	0 / -50	
C	width	11.8	0 / -120	620-2
E	raceway diameter outer ring	26		
r1s min.	minimal chamfer dimension	0.3		
R	radius outer ring	500		

article RSTO 15 LX3 **Art-No.** 45166

dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Crw [N]	Effective dynamic load rating	9280		
C0rw [N]	Effective static load rating	9490		
Curw [N]	Effective fatigue limit load	1100		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	12900	1900	281	15200	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3300	

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		

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