general data/description

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article STO 17 LX3 **Art-No.** 52311 **brand** SKA **weight/kg** 0.109

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

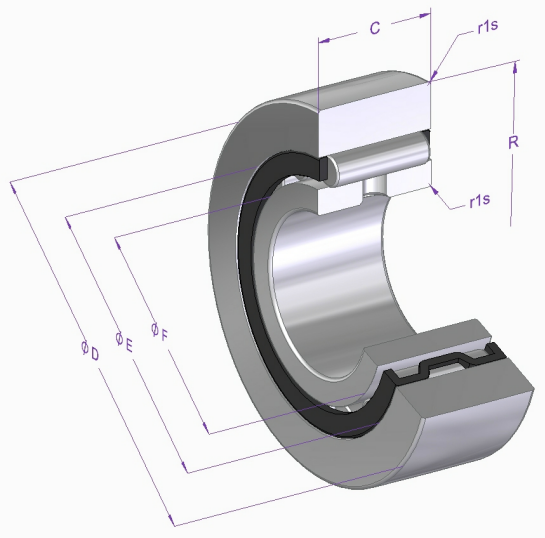
description

STO	Design
17	Size

greasing

LX3	SHELL GADUS S3 V220C 2

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	17	0 / -8	620-2
D	nominal outer diameter	40	0 / -50	WERKSNORM
B	inner ring width	16	0 / -120	620-2
C	outer ring width	15.8	0 / -120	620-2
r1s min.	minimal chamfer dimension	0.3		
R	radius outer ring	500		
E	raceway diameter outer ring	29		
F	raceway diameter inner ring	22		
Crw [N]	Effective dynamic load rating	14200		
C0rw [N]	Effective static load rating	15400		
Curw [N]	Effective fatigue limit load	1620		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	19500	3150	281	24000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		2800	

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

bearing clearance	radial min. [µm]	max. [µm]
	10	35

material specification

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

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