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data sheet

general data/description

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article RSTO 6 TV BI2 **Art-No.** 46099 **brand** SKA **weight/kg** 0.0139

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

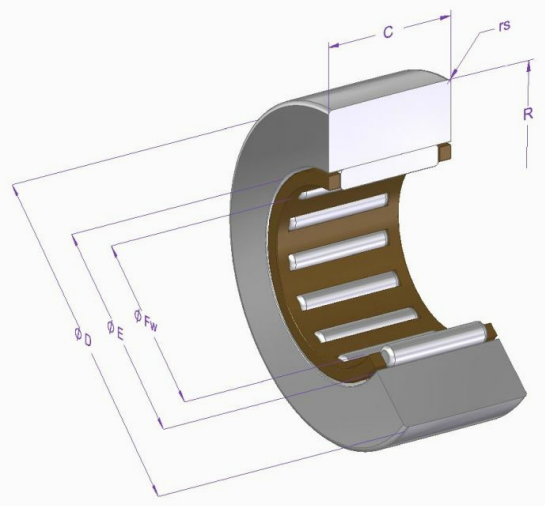
description

RSTO	Design
6	Size
TV	Plastic cage

greasing

BI2	KLÜBER ISOFLEX TOPAS L32

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	10	13 / 22	WERKSNORM
E	raceway diameter outer ring	13		
D	nominal outer diameter	19	-50 / 0	WERKSNORM
C	width	9.8	-120 / 0	620-2
rs min.	minimal chamfer dimension	0.3		
R	radius outer ring	500		
Crw [N]	Effective dynamic load rating	3530		
C0rw [N]	Effective static load rating	3790		
Curw [N]	Effective fatigue limit load	340		

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	5320	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	58-66
Cage	PA66 + GF25		

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