general data/description

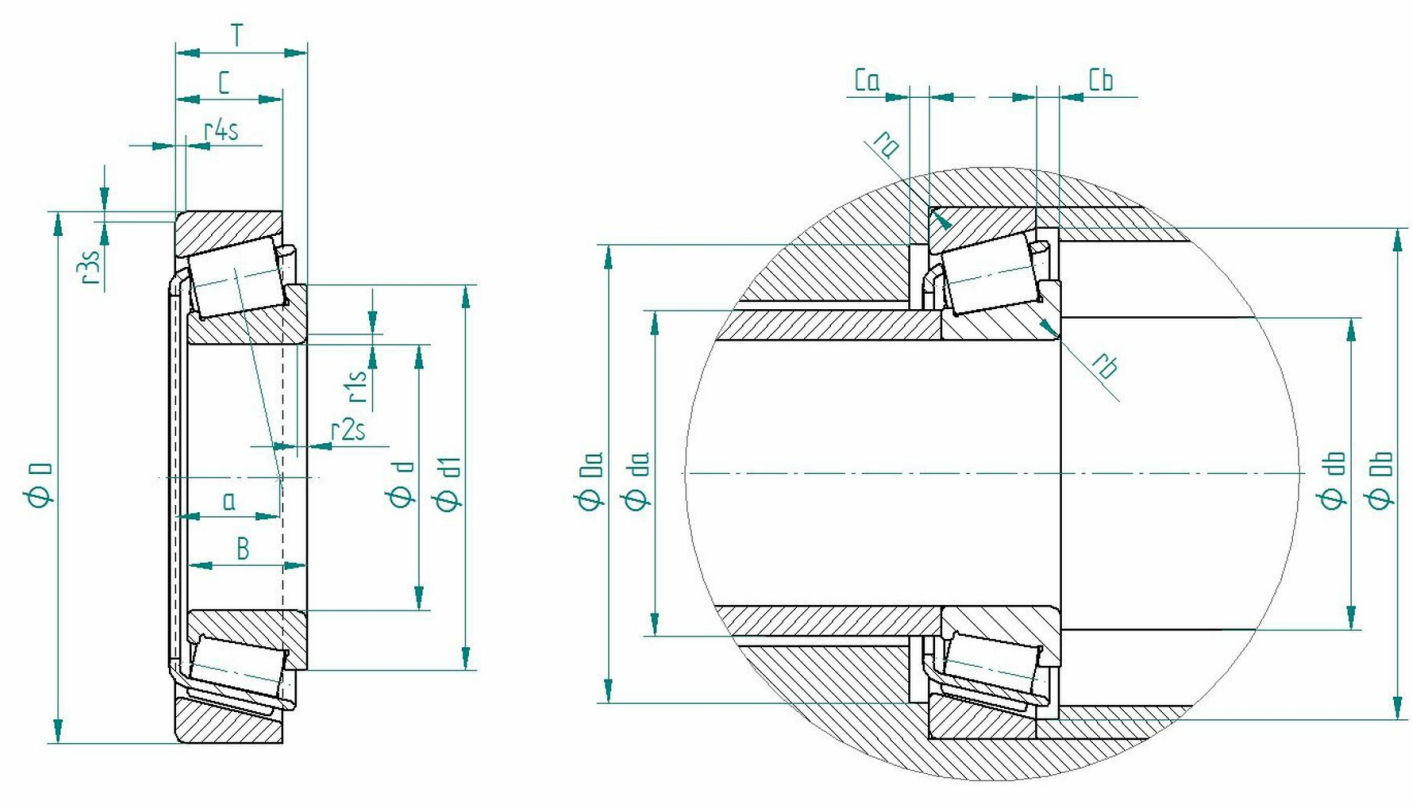
created: 24.01.2018 / 02 page: 1 / 2

article 32304 **Art-No.** 46329 **brand** SKA **weight/kg** 0.233

description **remark** Description according ISO 355: T 2FD 020

32304 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	20	0 / -12	620-2
D	nominal outer diameter	52	0 / -16	620-2
B	inner ring width	21	0 / -120	620-2
C	outer ring width	18	0 / -120	620-2
T	bearing width	22.25	0 / 200	620-2
r1s min.	minimal chamfer dimension	1.5		720
r2s min.	minimal chamfer dimension	1.5		720
r3s min.	minimal chamfer dimension	1.5		720
r4s min.	minimal chamfer dimension	1.5		720
d1	flange diameter of the inner ring	34.7	0 / -250	
a	load application point	13.6		
Da min.	mounting dimension	43		
Da max.	mounting dimension	45		
da max.	mounting dimension	27		
Db min.	mounting dimension	47		
db min.	mounting dimension	27		
Ca min.	mounting dimension	3		
Cb min.	mounting dimension	4		
ra max.	mounting dimension	1.5		
rb max.	mounting dimension	1.5		
e	calculation factor	0.3		
Y	calculation factor	2		
Y0	calculation factor	1.1		

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article 32304 **Art-No.** 46329

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	44100	5300	281	45800	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		8000	11000

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

material specification

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

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.