general data/description

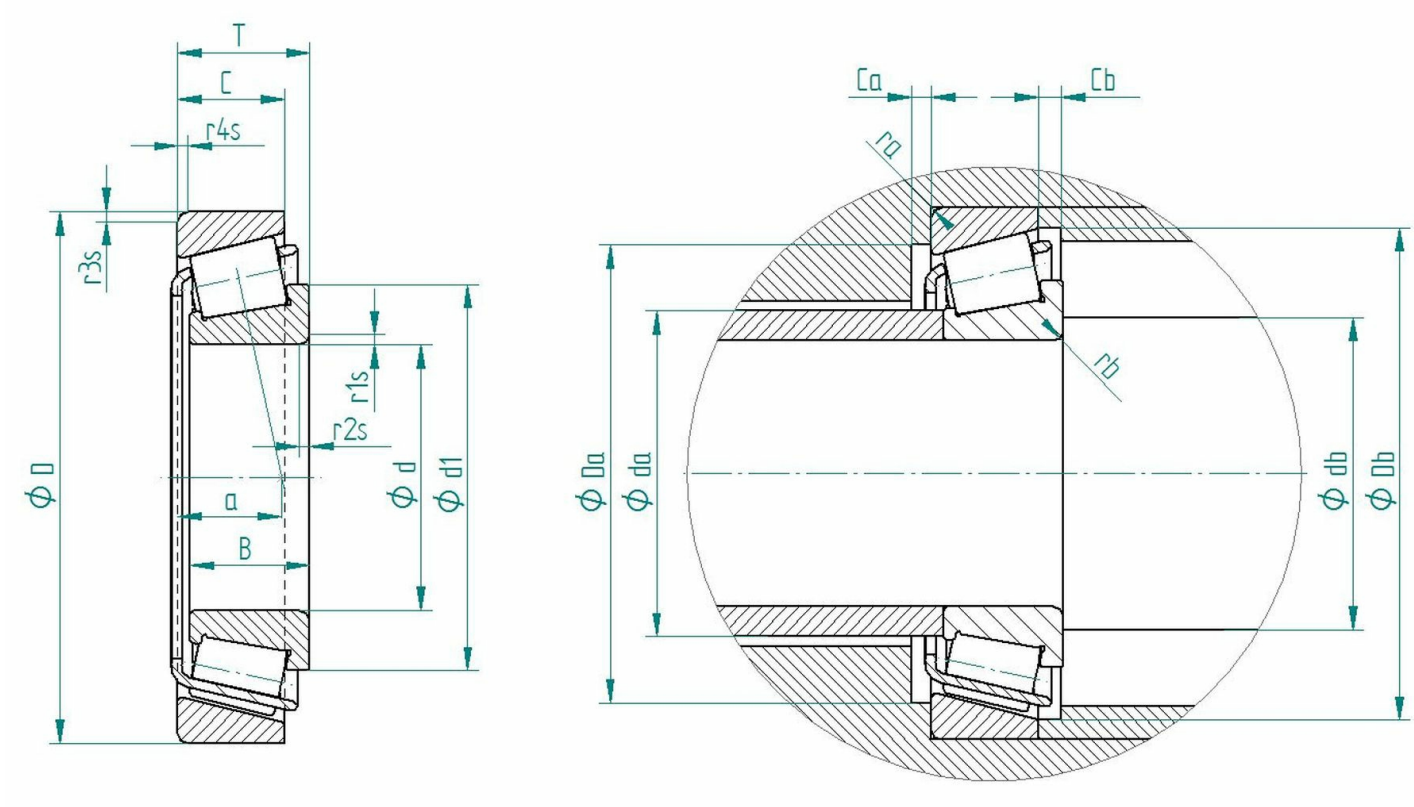
created: 09.09.2015 / 02 page: 1 / 2

article 32021 **Art-No.** 45310 **brand** SKA **weight/kg** 2.40

description **remark** Description according ISO 355: T 4DC 105

32021 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	105	0 / -20	620-2
D	nominal outer diameter	160	0 / -25	620-2
B	inner ring width	35	0 / -200	620-2
C	outer ring width	26	0 / -200	620-2
T	bearing width	35	-200 / 200	720
r1s min.	minimal chamfer dimension	2.5		720
r2s min.	minimal chamfer dimension	2.5		720
r3s min.	minimal chamfer dimension	2		720
r4s min.	minimal chamfer dimension	2		720
d1	flange diameter of the inner ring	133		
a	load application point	34.6		
Da min.	mounting dimension	143		
Da max.	mounting dimension	150		
da max.	mounting dimension	116		
Db min.	mounting dimension	154		
db min.	mounting dimension	115		
Ca min.	mounting dimension	6		
Cb min.	mounting dimension	9		
ra max.	mounting dimension	2		
rb max.	mounting dimension	2.5		
e	calculation factor	0.44		
Y	calculation factor	1.3		
Y0	calculation factor	0.7		

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article 32021 **Art-No.** 45310

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	210000		281	336000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		2000	2800

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.