general data/description

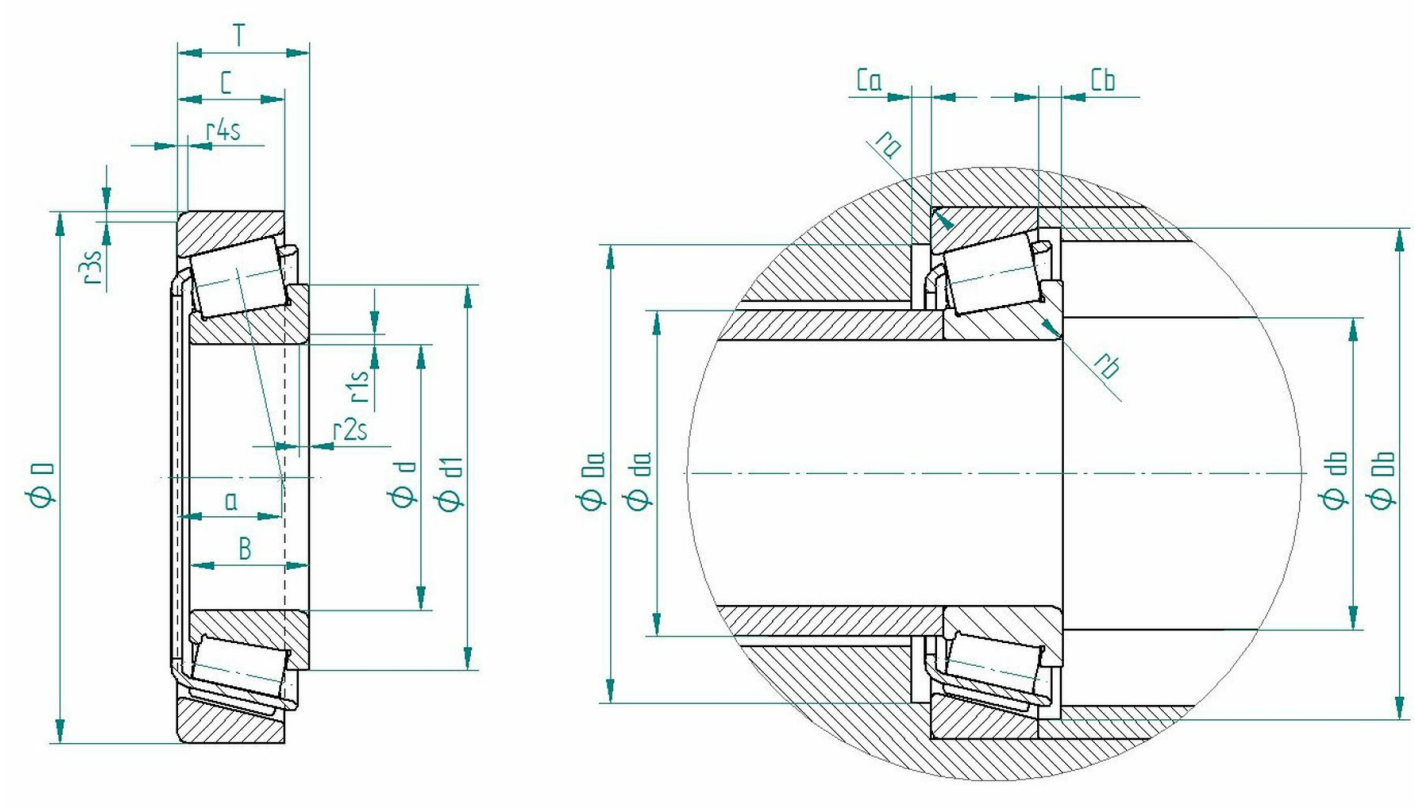
created: 31.03.2016 / 03 page: 1 / 2

article 30303 **Art-No.** 47270 **brand** SKA **weight/kg** 0.129

description **remark** Description according ISO 355: T 2FB 017

30303 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	17	0 / -12	620-2
D	nominal outer diameter	47	0 / -14	620-2
B	inner ring width	14	0 / -120	620-2
C	outer ring width	12	0 / -120	620-2
T	bearing width	15.25	0 / 200	620-2
r1s min.	minimal chamfer dimension	1		720
r2s min.	minimal chamfer dimension	1		720
r3s min.	minimal chamfer dimension	1		720
r4s min.	minimal chamfer dimension	1		720
d1	flange diameter of the inner ring	31.1	0 / -250	
a	load application point	10.4		
Da min.	mounting dimension	40		
Da max.	mounting dimension	41		
da max.	mounting dimension	25		
Db min.	mounting dimension	42		
db min.	mounting dimension	23		
Ca min.	mounting dimension	2		
Cb min.	mounting dimension	3		
ra max.	mounting dimension	1		
rb max.	mounting dimension	1		
e	calculation factor	0.29		
Y	calculation factor	2.11		
Y0	calculation factor	1.16		

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article 30303 **Art-No.** 47270

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	29100	3000	281	26600	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		9000	12000

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.