general data/description

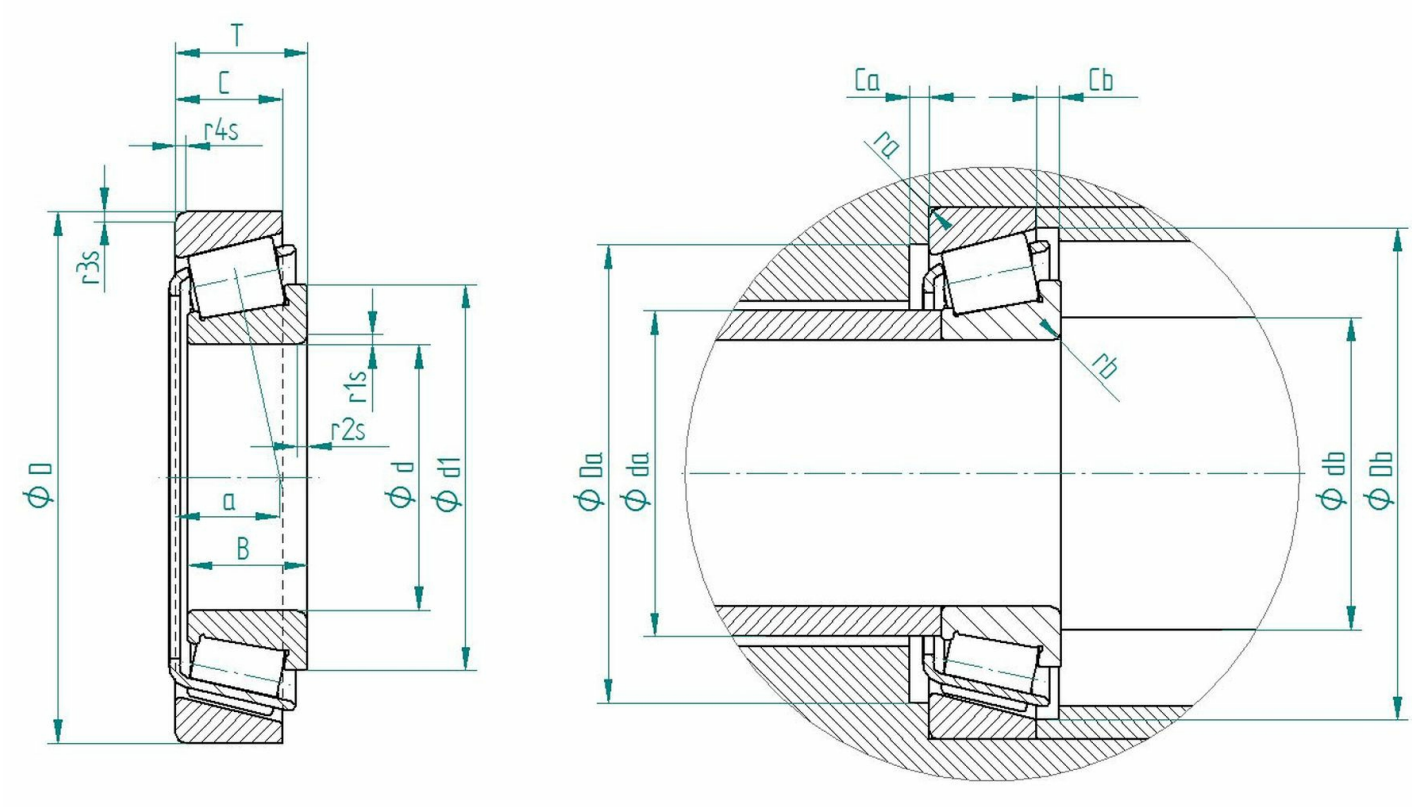
created: 05.04.2016 / 02 page: 1 / 2

article 33011 **Art-No.** 46095 **brand** SKA **weight/kg** 0.643

description **remark** Description according ISO 355: T 2CE 055

33011 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	55	0 / -15	620-2
D	nominal outer diameter	90	0 / -18	620-2
B	inner ring width	27	0 / -150	620-2
C	outer ring width	21	0 / -150	720
T	bearing width	27	0 / 200	720
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	72.8	0 / -300	
a	load application point	19		
Da min.	mounting dimension	81		
Da max.	mounting dimension	83		
da max.	mounting dimension	63		
Db min.	mounting dimension	86		
db min.	mounting dimension	62		
Ca min.	mounting dimension	5		
Cb min.	mounting dimension	6		
ra max.	mounting dimension	1.5		
rb max.	mounting dimension	1.5		
e	calculation factor	0.31		
Y	calculation factor	1.92		
Y0	calculation factor	1.06		

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article 33011 **Art-No.** 46095

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	94900	17400	281	144000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3800	5300

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.