general data/description

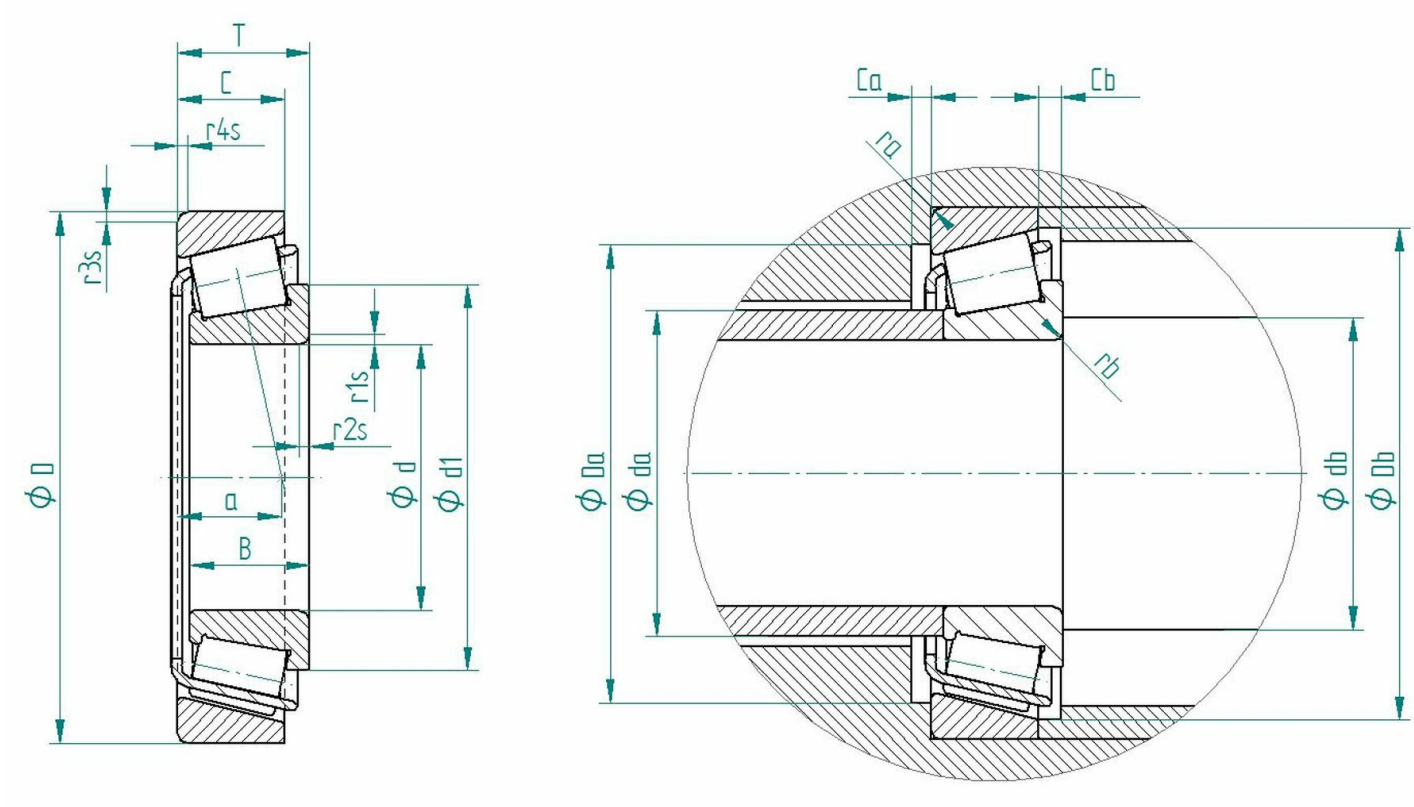
created: 15.03.2018 / 01 page: 1 / 2

article 32215 **Art-No.** 48827 **brand** SKA **weight/kg** 1.68

description **remark** Description according ISO 355: T 4DC 075

32215 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	75	0 / -15	620-2
D	nominal outer diameter	130	0 / -20	620-2
B	inner ring width	31	0 / -150	620-2
C	outer ring width	27	0 / -150	620-2
T	bearing width	33.25	0 / 200	720
r1s min.	minimal chamfer dimension	2		720
r2s min.	minimal chamfer dimension	2		720
r3s min.	minimal chamfer dimension	1.5		720
r4s min.	minimal chamfer dimension	1.5		720
d1	flange diameter of the inner ring	101.1	0 / -350	
a	load application point	30		
Da min.	mounting dimension	115		
Da max.	mounting dimension	121		
da max.	mounting dimension	85		
Db min.	mounting dimension	124		
db min.	mounting dimension	84		
Ca min.	mounting dimension	4		
Cb min.	mounting dimension	6		
ra max.	mounting dimension	1.5		
rb max.	mounting dimension	2		
e	calculation factor	0.44		
Y	calculation factor	1.4		
Y0	calculation factor	0.76		

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calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	170000	26800	281	229000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		2700	3600

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.