general data/description

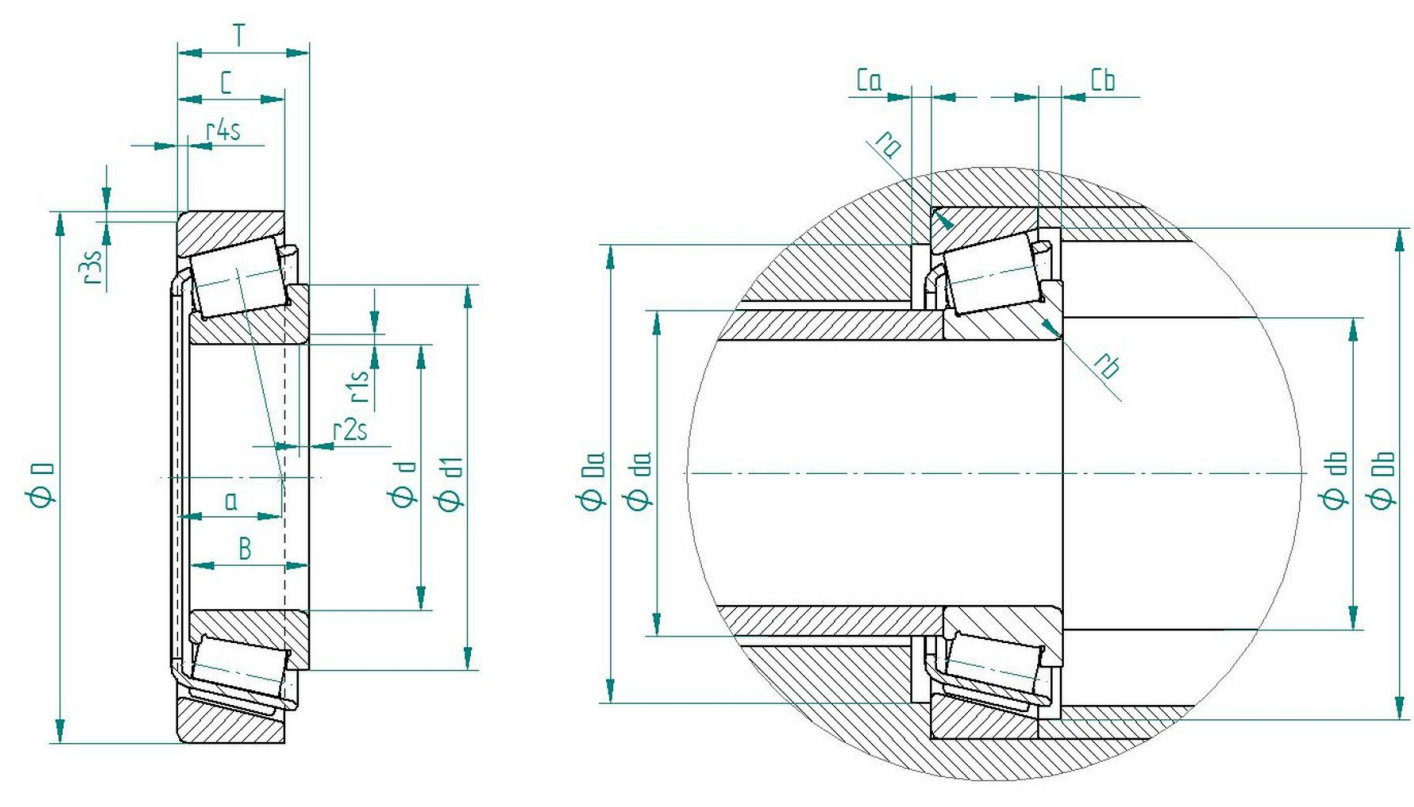
created: 25.07.2016 / 02 page: 1 / 2

article 32306 **Art-No.** 47638 **brand** SKA **weight/kg** 0.555

description **remark** Description according ISO 355: T 2FD 030

32306 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	30	0 / -12	620-2
D	nominal outer diameter	72	0 / -16	620-2
B	inner ring width	27	0 / -120	620-2
C	outer ring width	23	0 / -120	620-2
T	bearing width	28.75	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	49.6	0 / -250	
a	load application point	~ 18.9		
Da min.	mounting dimension	59		
Da max.	mounting dimension	65		
da max.	mounting dimension	39		
Db min.	mounting dimension	66		
db min.	mounting dimension	37		
Ca min.	mounting dimension	4		
Cb min.	mounting dimension	5.5		
ra max.	mounting dimension	1.5		
rb max.	mounting dimension	1.5		
e	calculation factor	0.31		
Y	calculation factor	1.9		
Y0	calculation factor	1.1		

article 32306 **Art-No.** 47638

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	81000	10000	281	90000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		5600	7500

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.