general data/description

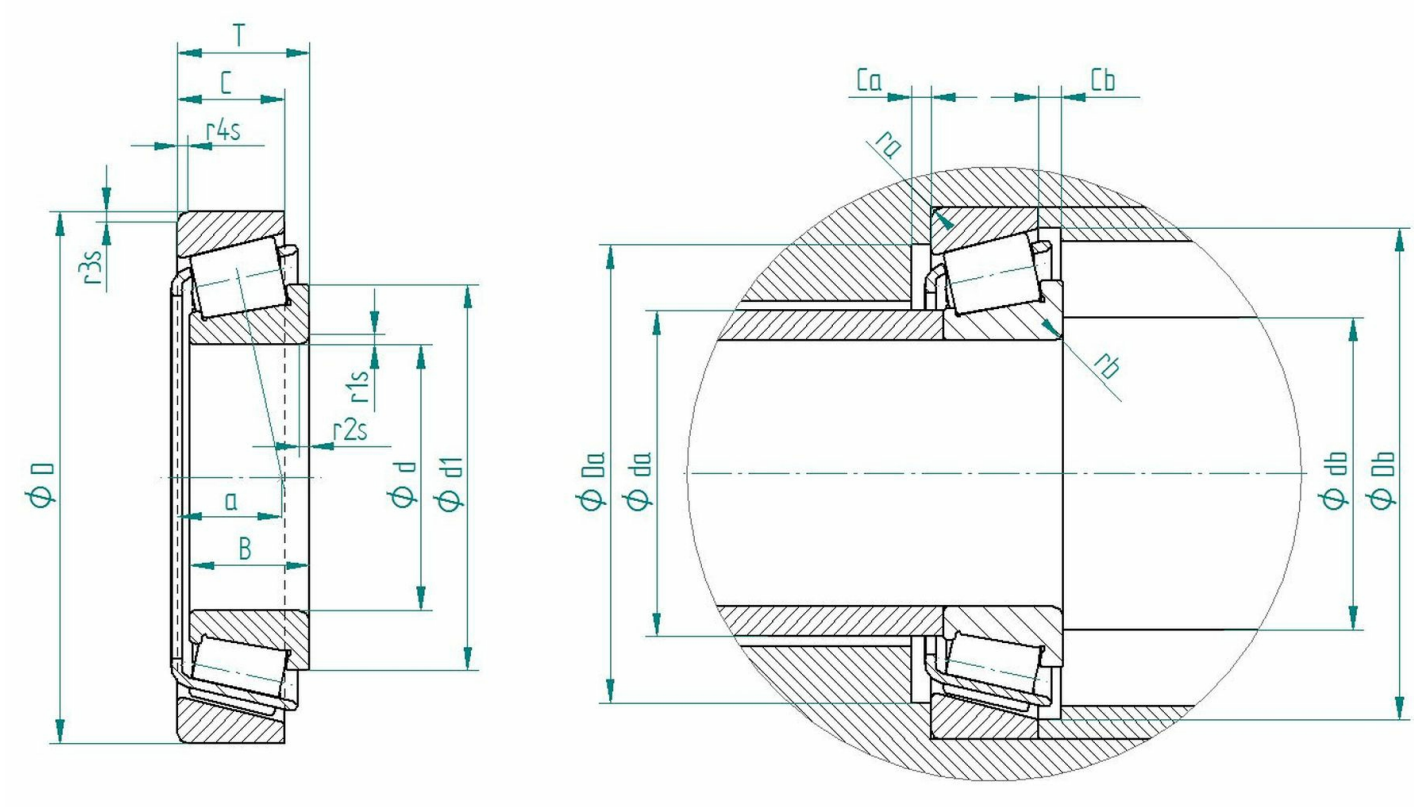
created: 22.03.2017 / 02 page: 1 / 2

article 33012 **Art-No.** 47207 **brand** SKA **weight/kg** 0.71

description
33012 Size

remark Description according ISO 355: T 2CE 060

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	60	0 / -15	620-2
D	nominal outer diameter	95	0 / -18	620-2
B	inner ring width	23	0 / -120	620-2
C	outer ring width	19	0 / -120	620-2
T	bearing width	24.75	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	78.8	0 / -350	
a	load application point	19.8		
Da min.	mounting dimension	85		
Da max.	mounting dimension	88		
da max.	mounting dimension	67		
Db min.	mounting dimension	90		
db min.	mounting dimension	67		
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	0.33		
Y	calculation factor	1.83		
Y0	calculation factor	1.01		

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article 33012 **Art-No.** 47207

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	94700	16500	281	147000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3600	5000

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.