general data/description

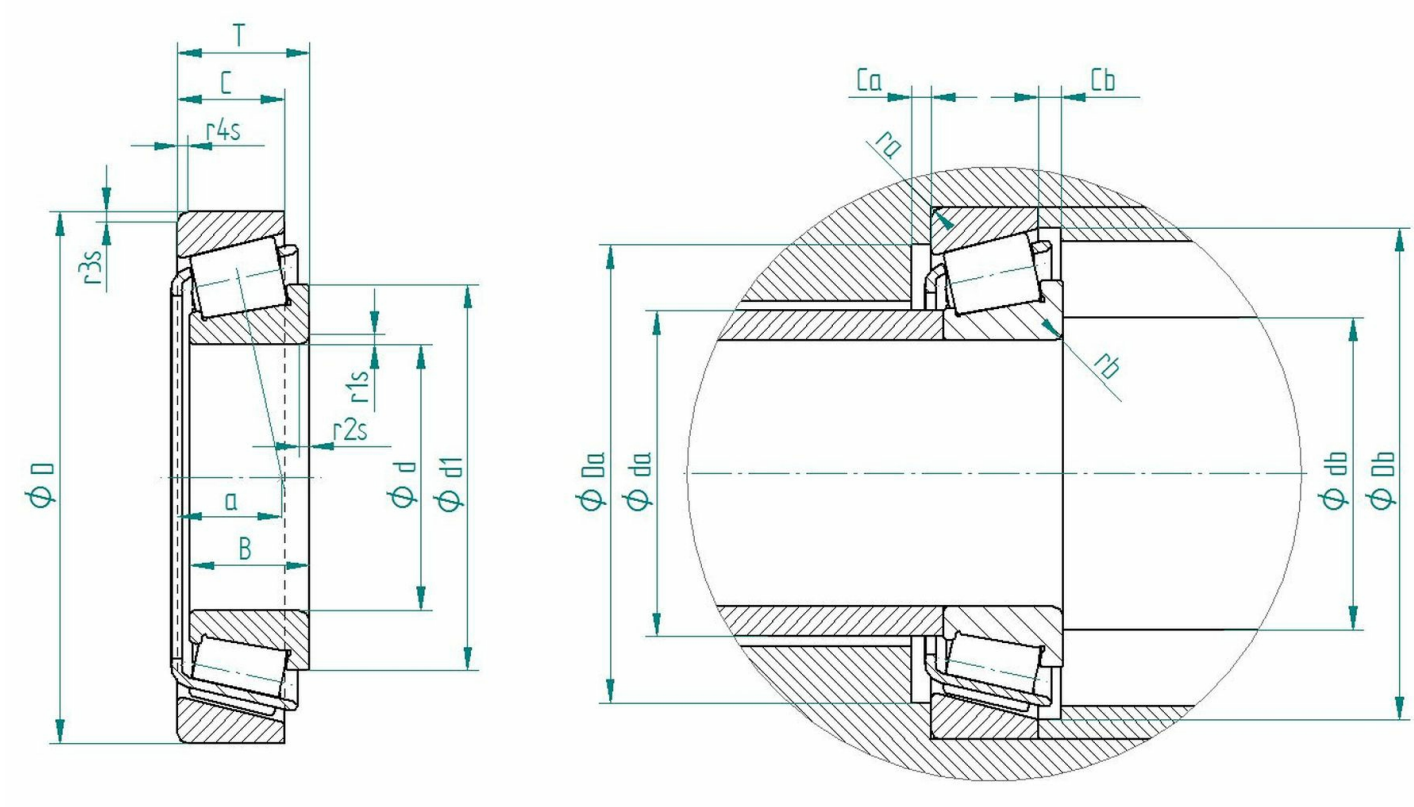
created: 15.03.2018 / 01 page: 1 / 2

article 33208 **Art-No.** 48866 **brand** SKA **weight/kg** 0.744

description **remark** Description according ISO 355: T 2DE 040

33208 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	40	0 / -12	620-2
D	nominal outer diameter	80	0 / -16	620-2
B	inner ring width	32	0 / -120	620-2
C	outer ring width	25	0 / -120	620-2
T	bearing width	32	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	59.5	0 / -300	
a	load application point	20.8		
Da min.	mounting dimension	67		
Da max.	mounting dimension	73		
da max.	mounting dimension	47		
Db min.	mounting dimension	76		
db min.	mounting dimension	47		
Ca min.	mounting dimension	5		
Cb min.	mounting dimension	7		
ra max.	mounting dimension	1.5		
rb max.	mounting dimension	1.5		
e	calculation factor	0.35		
Y	calculation factor	1.7		
Y0	calculation factor	0.9		

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article 33208 **Art-No.** 48866

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	105000	16100	281	135000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4900	6600

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.