general data/description

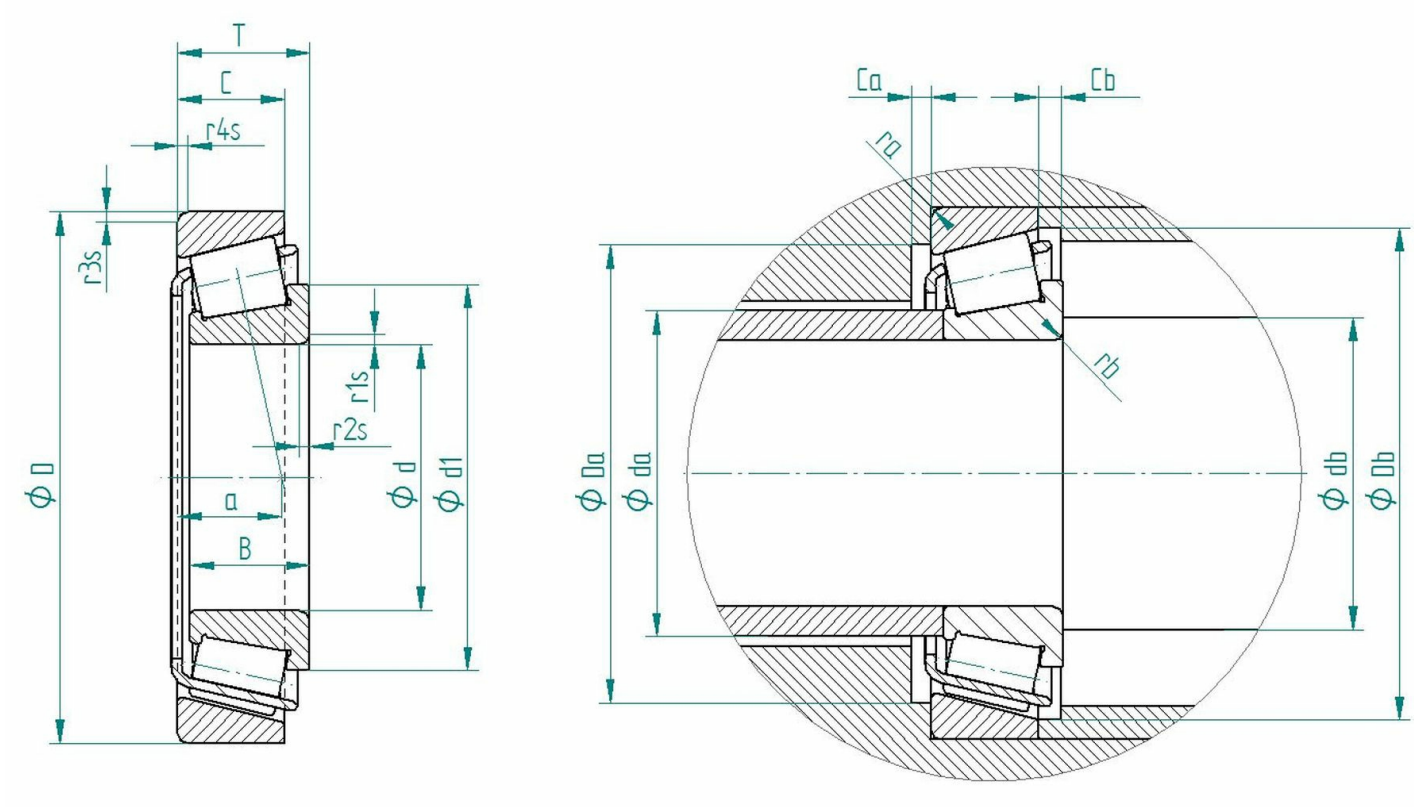
created: 22.03.2017 / 02 page: 1 / 2

article 32208 **Art-No.** 48243 **brand** SKA **weight/kg** 0.545

description **remark** Description according ISO 355: T 3DC 040

32208 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 / -13	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	58.8	0 / -300	
a	load application point	17.9		
Da min.	mounting dimension	68		
Da max.	mounting dimension	73		
da max.	mounting dimension	48		
Db min.	mounting dimension	75		
db min.	mounting dimension	47		
Ca min.	mounting dimension	3		
Cb min.	mounting dimension	5.5		
ra max.	mounting dimension	1.5		
rb max.	mounting dimension	1.5		
e	calculation factor	0.37		
Y	calculation factor	1.6		
Y0	calculation factor	0.88		

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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**
	77200	10000		281	90600	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		4800	6300			
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.