general data/description

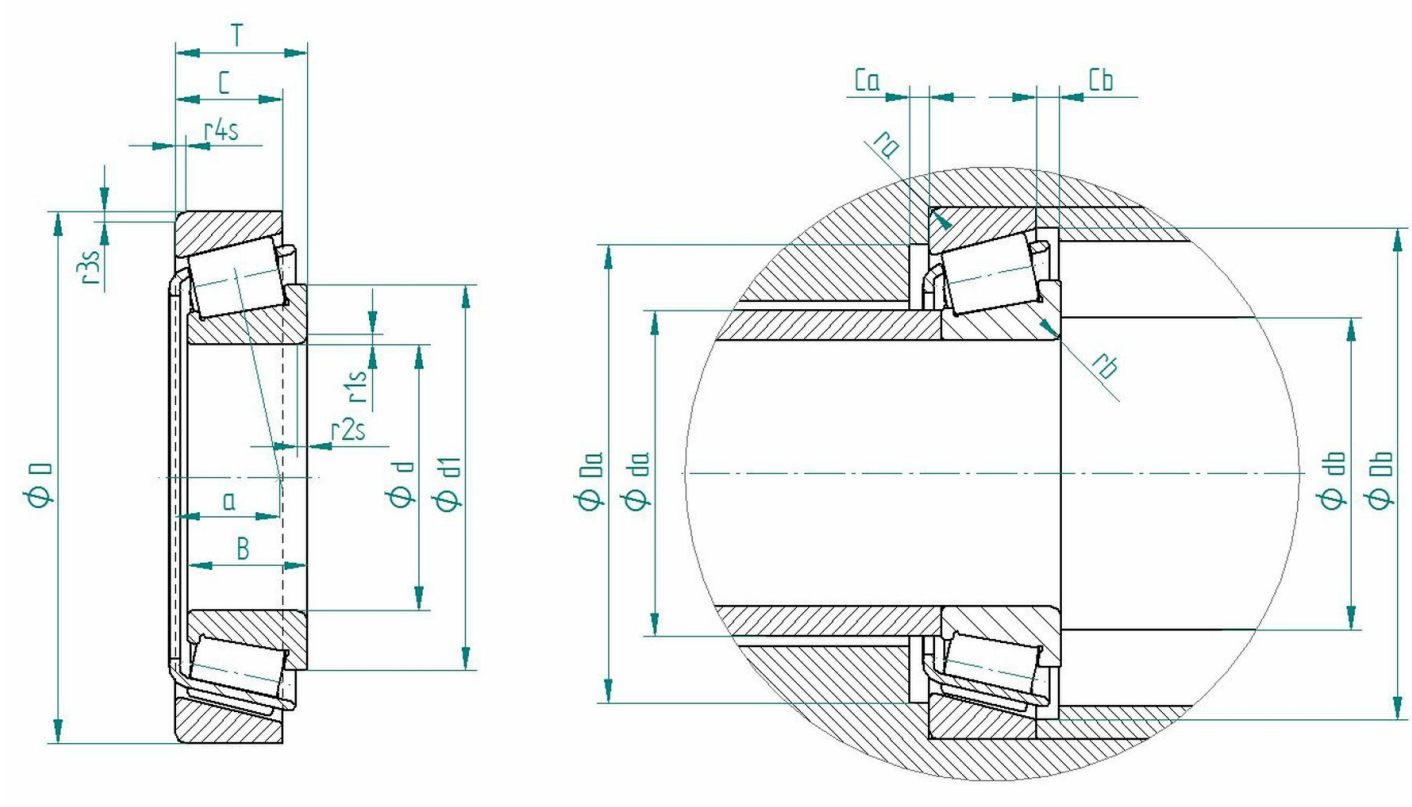
created: 25.10.2016 / 03 page: 1 / 2

article 33108 **Art-No.** 47209 **brand** SKA **weight/kg** 0.51

description
33108 Size

remark Description according ISO 355: T 2CE 040

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	40	0 / -12	620-2
D	nominal outer diameter	75	0 / -16	620-2
B	inner ring width	26	0 / -120	620-2
C	outer ring width	20.5	0 / -120	620-2
T	bearing width	26	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	57.2	0 / -300	
a	load application point	~ 18		
Da min.	mounting dimension	65		
Da max.	mounting dimension	68		
da max.	mounting dimension	47		
Db min.	mounting dimension	71		
db min.	mounting dimension	47		
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	0.36		
Y	calculation factor	1.69		
Y0	calculation factor	0.93		

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article 33108 **Art-No.** 47209

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	80200	11000		281	103000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		5200	6900			
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.