general data/description

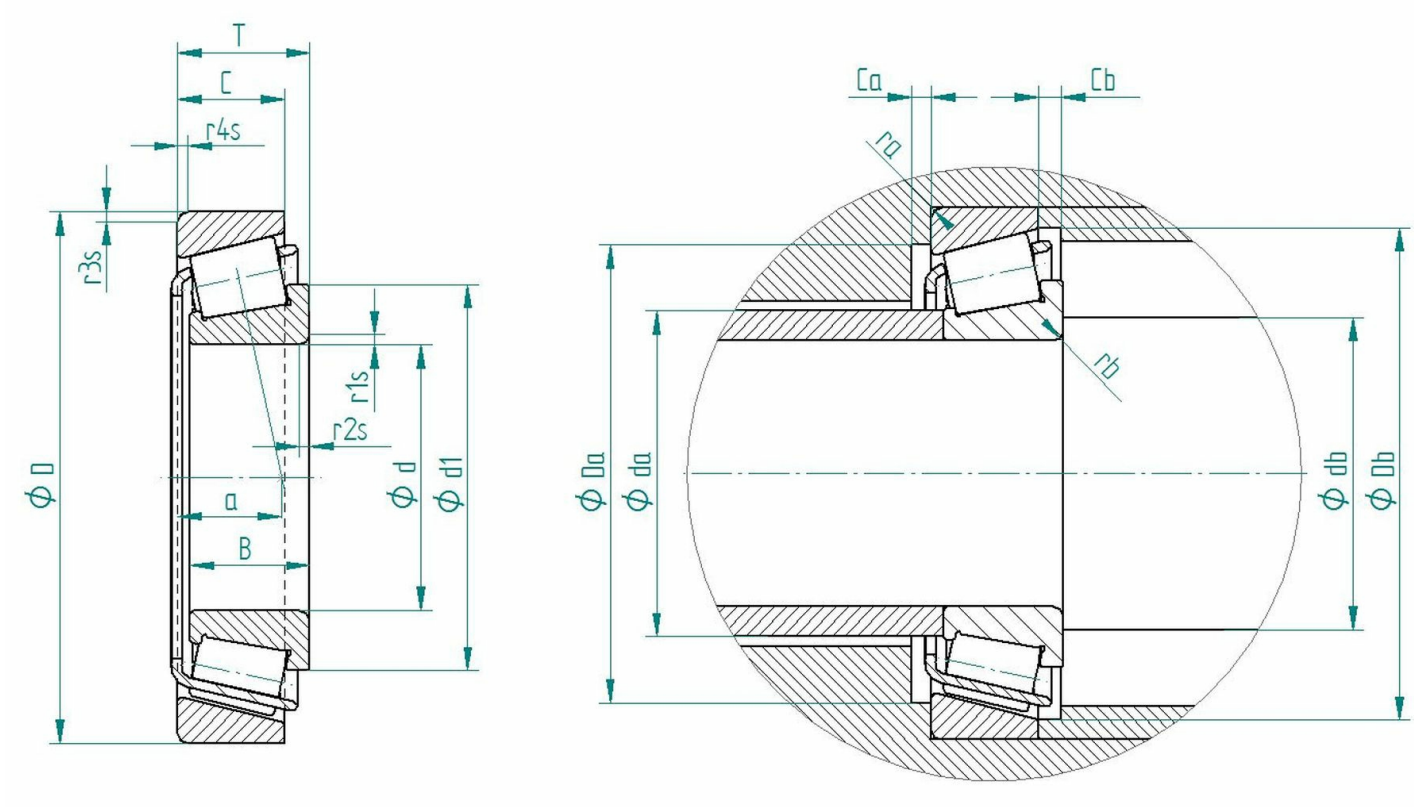
created: 04.04.2016 / 02 page: 1 / 2

article 32207 **Art-No.** 46517 **brand** SKA **weight/kg** 0.445

description **remark** Description according ISO 355: T 3DC 035

32207 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	35	0 / -12	620-2
D	nominal outer diameter	72	0 / -16	620-2
B	inner ring width	23	0 / -120	620-2
C	outer ring width	19	0 / -120	620-2
T	bearing width	24.25	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	52.9	0 / -300	
a	load application point	~ 17.9		
Da min.	mounting dimension	61		
Da max.	mounting dimension	65		
da max.	mounting dimension	43		
Db min.	mounting dimension	67		
db min.	mounting dimension	42		
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	0.9		

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article 32207 **Art-No.** 46517

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	73000	10000		281	88400	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		5500	7400			
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.