general data/description

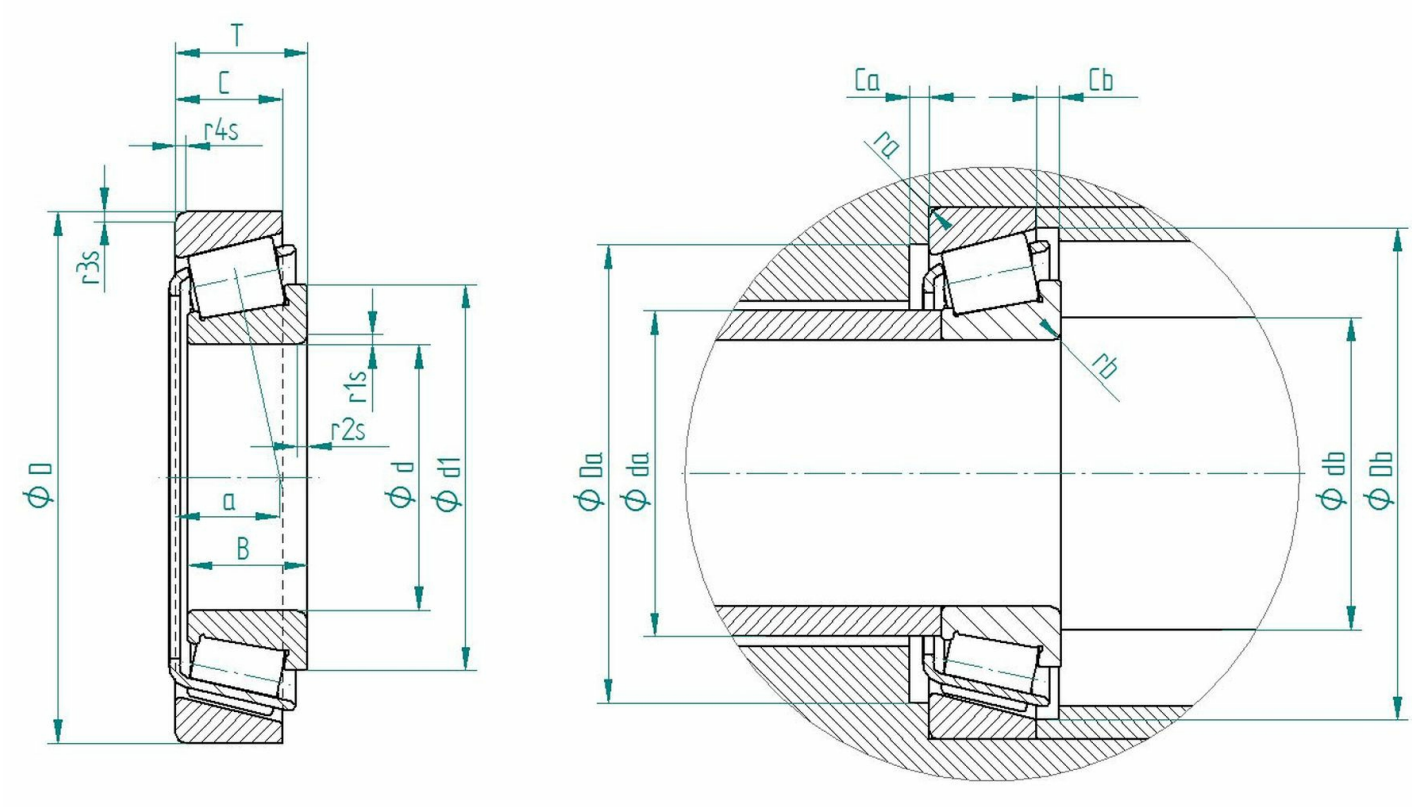
created: 07.04.2016 / 02 page: 1 / 2

article 33213 **Art-No.** 47355 **brand** SKA **weight/kg** 2.04

description
33213 Size

remark Description according ISO 355: T 3EE 065

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	65	0 / -15	620-2
D	nominal outer diameter	120	0 / -18	620-2
B	inner ring width	41	0 / -150	620-2
C	outer ring width	32	0 / -150	620-2
T	bearing width	41	0 / 200	720
r1s min.	minimal chamfer dimension	2		720
r2s min.	minimal chamfer dimension	2		720
r3s min.	minimal chamfer dimension	1.5		720
r4s min.	minimal chamfer dimension	1.5		720
d1	flange diameter of the inner ring	92	0 / -350	
a	load application point	~ 30		
Da min.	mounting dimension	102		
Da max.	mounting dimension	111		
da max.	mounting dimension	74		
Db min.	mounting dimension	115		
db min.	mounting dimension	74		
Ca min.	mounting dimension	6		
Cb min.	mounting dimension	9		
ra max.	mounting dimension	2		
rb max.	mounting dimension	1.5		
e	calculation factor	0.4		
Y	calculation factor	1.5		
Y0	calculation factor	0.8		

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article 33213 **Art-No.** 47355

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	203000	33000		281	280000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		3000	4000			
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.