general data/description

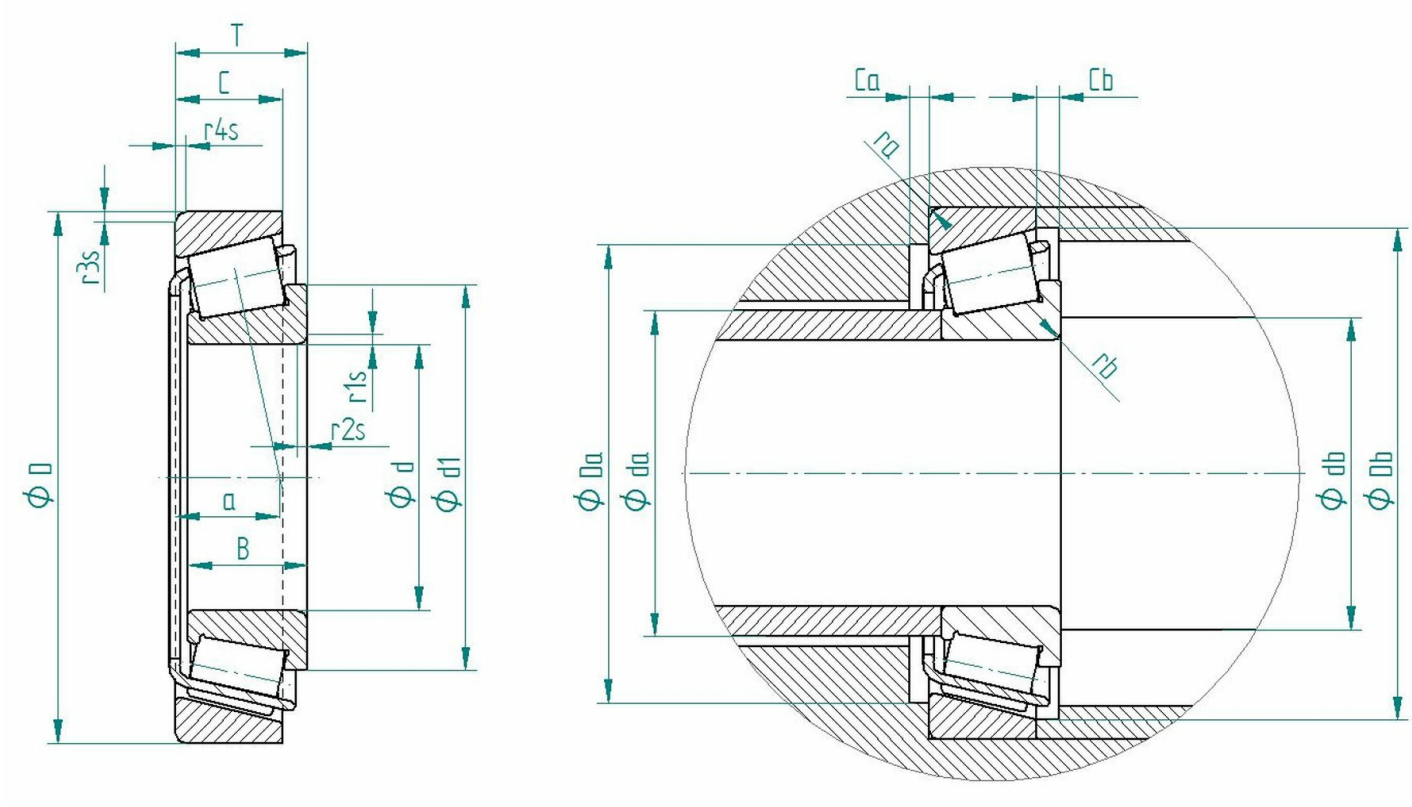
created: 22.03.2017 / 03 page: 1 / 2

article 32213 **Art-No.** 48241 **brand** SKA **weight/kg** 1.60

description
32213 Size

remark Description according ISO 355: T 3EC 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	31	0 / -150	620-2
C	outer ring width	27	0 / -150	620-2
T	bearing width	32.75	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	91.1	0 / -350	
a	load application point	27.3		
Da min.	mounting dimension	104		
Da max.	mounting dimension	111		
da max.	mounting dimension	76		
Db min.	mounting dimension	115		
db min.	mounting dimension	74		
Ca min.	mounting dimension	4		
Cb min.	mounting dimension	5.5		
ra max.	mounting dimension	1.5		
rb max.	mounting dimension	2		
e	calculation factor	0.4		
Y	calculation factor	1.48		
Y0	calculation factor	0.81		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 32213 **Art-No.** 48241

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	153000	23500		281	196000	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.