general data/description

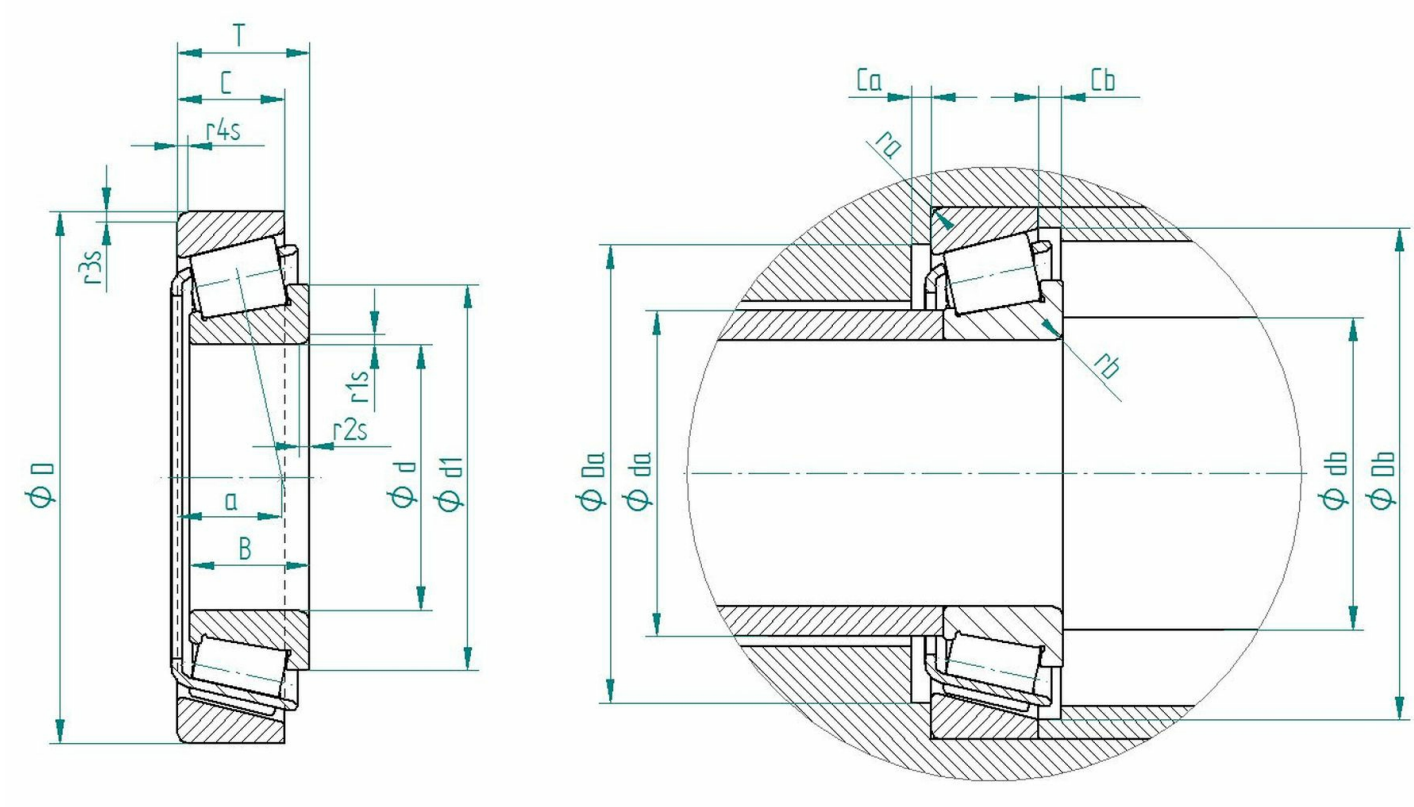
created: 24.04.2017 / 02 page: 1 / 2

article 32210 **Art-No.** 48145 **brand** SKA **weight/kg** 0.625

description
32210 Size

remark Description according ISO 355: T 3DC 050

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	50	0 / -12	620-2
D	nominal outer diameter	90	0 / -15	620-2
B	inner ring width	23	0 / -120	620-2
C	outer ring width	19	0 / -150	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	68.8	0 / -300	
a	load application point	21		
Da min.	mounting dimension	78		
Da max.	mounting dimension	83		
da max.	mounting dimension	58		
Db min.	mounting dimension	85		
db min.	mounting dimension	57		
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	0.42		
Y	calculation factor	1.4		
Y0	calculation factor	0.78		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 32210 **Art-No.** 48145

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	86000	11700		281	107000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		4000	5300			
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.