general data/description

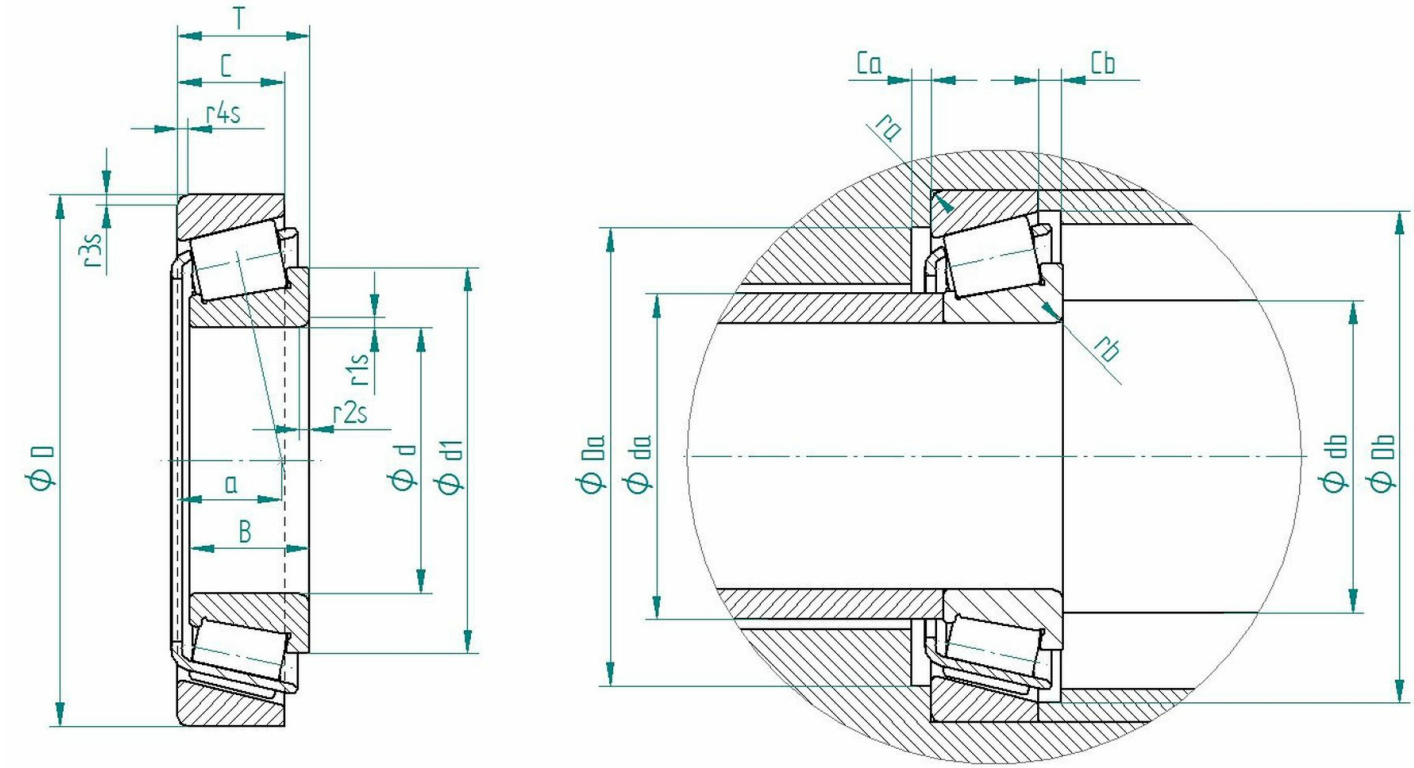
created: 15.12.2017 / 02 page: 1 / 2

article L 555249/210 **Art-No.** 48034 **brand** SKA **weight/kg** 12.00

description

L	Design
555249/210	Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	292.1	0 / 25	
D	nominal outer diameter	374.65	0 / 51	
B	inner ring width	47.625	-254 / 76	
C	outer ring width	34.925	-254 / 51	
T	bearing width	47.625	-254 / 356	
r1s min.	minimal chamfer dimension	3.5		
r2s min.	minimal chamfer dimension	3.5		
r3s min.	minimal chamfer dimension	3.3		
r4s min.	minimal chamfer dimension	3.3		
d1	flange diameter of the inner ring	331.1	-520 / 0	
a	load application point	65.12		
Da min.	mounting dimension	350		
Da max.	mounting dimension	358		
da max.	mounting dimension	310		
Db min.	mounting dimension	361		
db min.	mounting dimension	310		
Ca min.	mounting dimension	9		
Cb min.	mounting dimension	12.5		
ra max.	mounting dimension	3.3		
rb max.	mounting dimension	3.5		
e	calculation factor	0.4		
Y	calculation factor	1.5		
Y0	calculation factor	0.8		

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article L 555249/210 **Art-No.** 48034

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	484000	90200	281	1100000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		760	1000

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.