general data/description

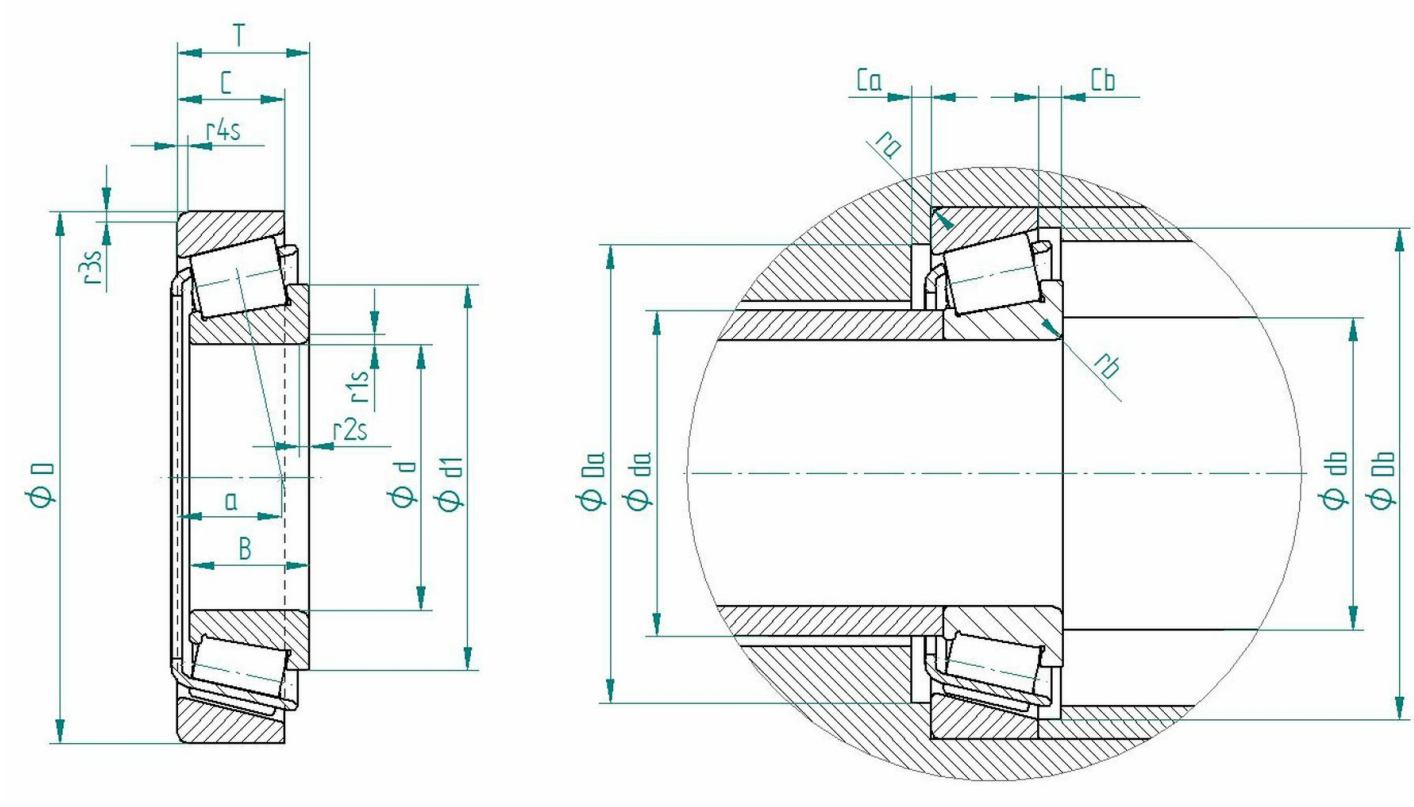
created: 04.04.2016 / 02 page: 1 / 2

article 32910 **Art-No.** 46330 **brand** SKA **weight/kg** 0.193

description **remark** Description according ISO 355: T 2BC 050

32910 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	50	0 / -12	620-2
D	nominal outer diameter	72	0 / -16	620-2
B	inner ring width	15	0 / -120	620-2
C	outer ring width	12	0 / -120	620-2
T	bearing width	15	0 / 200	720
r1s min.	minimal chamfer dimension	0.6		720
r2s min.	minimal chamfer dimension	0.6		720
r3s min.	minimal chamfer dimension	0.6		720
r4s min.	minimal chamfer dimension	0.6		720
d1	flange diameter of the inner ring	59.8	0 / -300	
a	load application point	~ 13		
Da min.	mounting dimension	66		
Da max.	mounting dimension	67		
da max.	mounting dimension	54		
Db min.	mounting dimension	69		
db min.	mounting dimension	58		
Ca min.	mounting dimension	3		
Cb min.	mounting dimension	3		
ra max.	mounting dimension	0.6		
rb max.	mounting dimension	0.6		
e	calculation factor	0.34		
Y	calculation factor	1.76		
Y0	calculation factor	0.97		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 32910 **Art-No.** 46330

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	36900	6800	281	56100	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4700	6300

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.