general data/description

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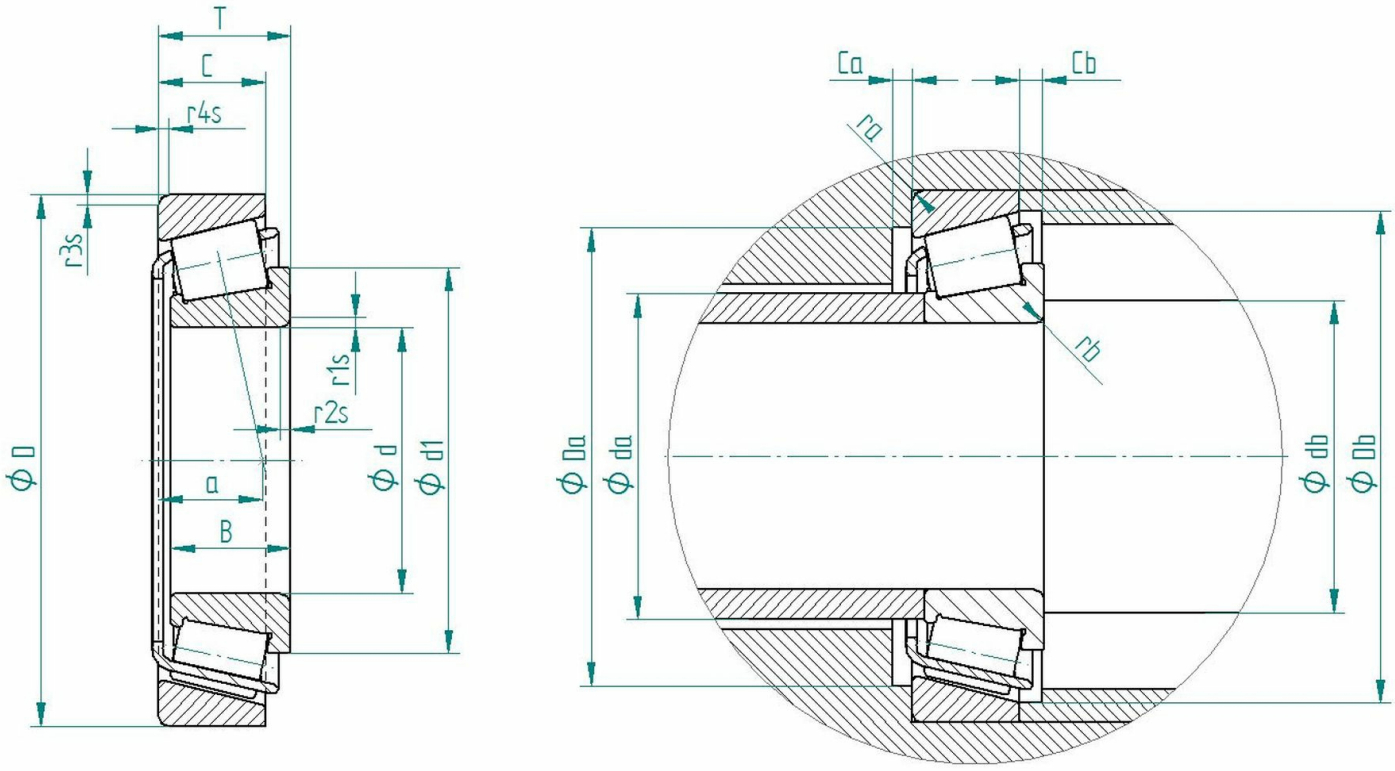
article 32209 - A **Art-No.** 50005 **brand** SKA **weight/kg** 0.59

remark Description according ISO 355: T 3DC 045

description

32209	Size
- A	changed interior design

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	45	0 / -12	620-2
D	nominal outer diameter	85	0 / -18	620-2
B	inner ring width	23	0 / -120	620-2
C	outer ring width	19	0 / -120	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	64.6	0 / -300	WERKSNORM
a	load application point	20.1		
Da min.	mounting dimension	73		5418
Da max.	mounting dimension	78		5418
da max.	mounting dimension	53		5418
Db min.	mounting dimension	80		5418
db min.	mounting dimension	52		5418
Ca min.	mounting dimension	3		5418
Cb min.	mounting dimension	5.5		5418
ra max.	mounting dimension	1.5		5418
rb max.	mounting dimension	1.5		5418
e	calculation factor	0.4		
Y	calculation factor	1.48		
Y0	calculation factor	0.81		

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calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	91700	11900	281	102000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4300	6000

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	58-66
Cage	Sheet steel		

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