Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

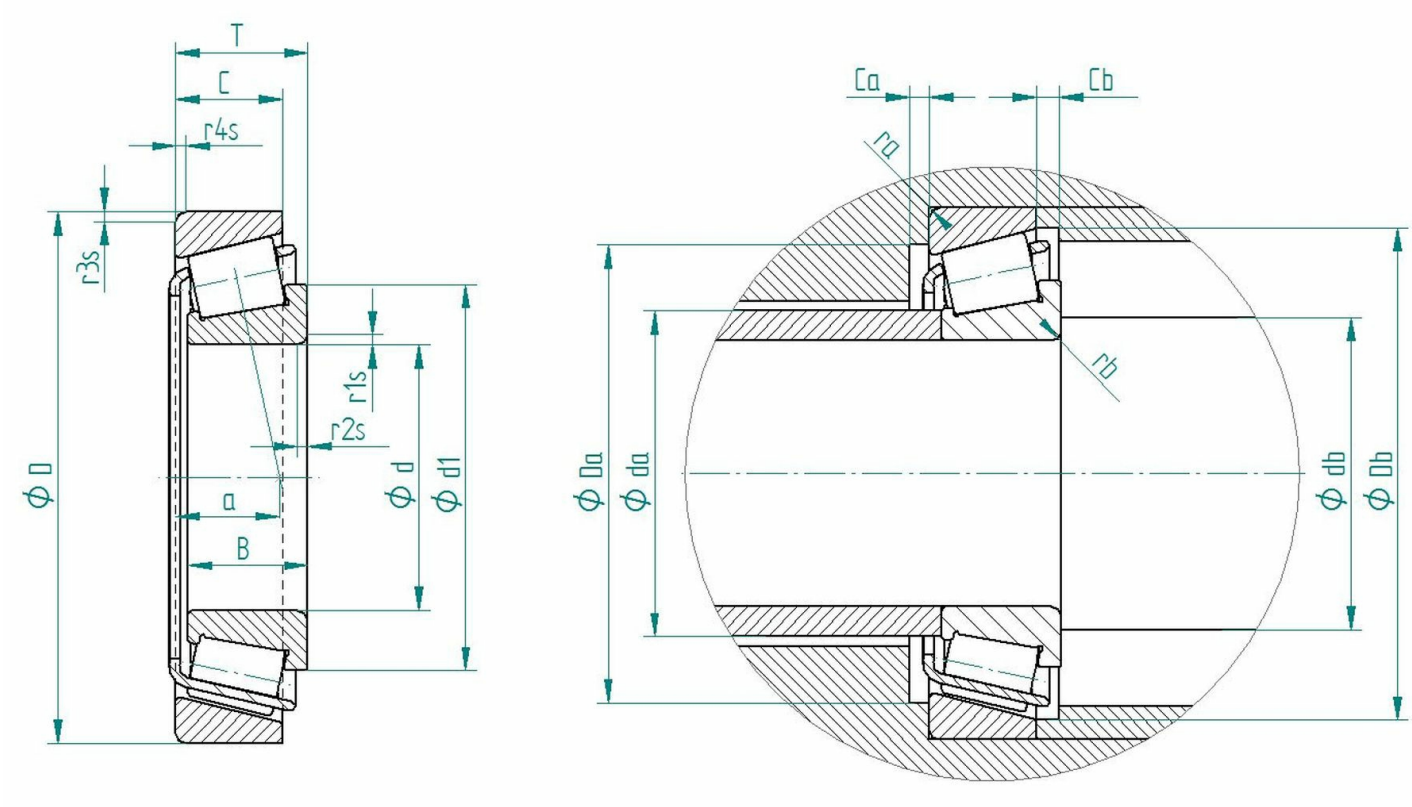
created: 31.03.2016 / 04 page: 1 / 2

article 32004 **Art-No.** 47096 **brand** SKA **weight/kg** 0.096

description **remark** Description according ISO 355: T 3CC 020

32004 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	20	0 / -12	620-2
D	nominal outer diameter	42	0 / -14	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	620-2
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	31	0 / -250	
a	load application point	10.3		
Da min.	mounting dimension	36		
Da max.	mounting dimension	37		
da max.	mounting dimension	25		
Db min.	mounting dimension	39		
db min.	mounting dimension	25		
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	0.37		
Y	calculation factor	1.6		
Y0	calculation factor	0.9		

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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
	25100	3300	281	28200	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		9500	13000

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.