Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

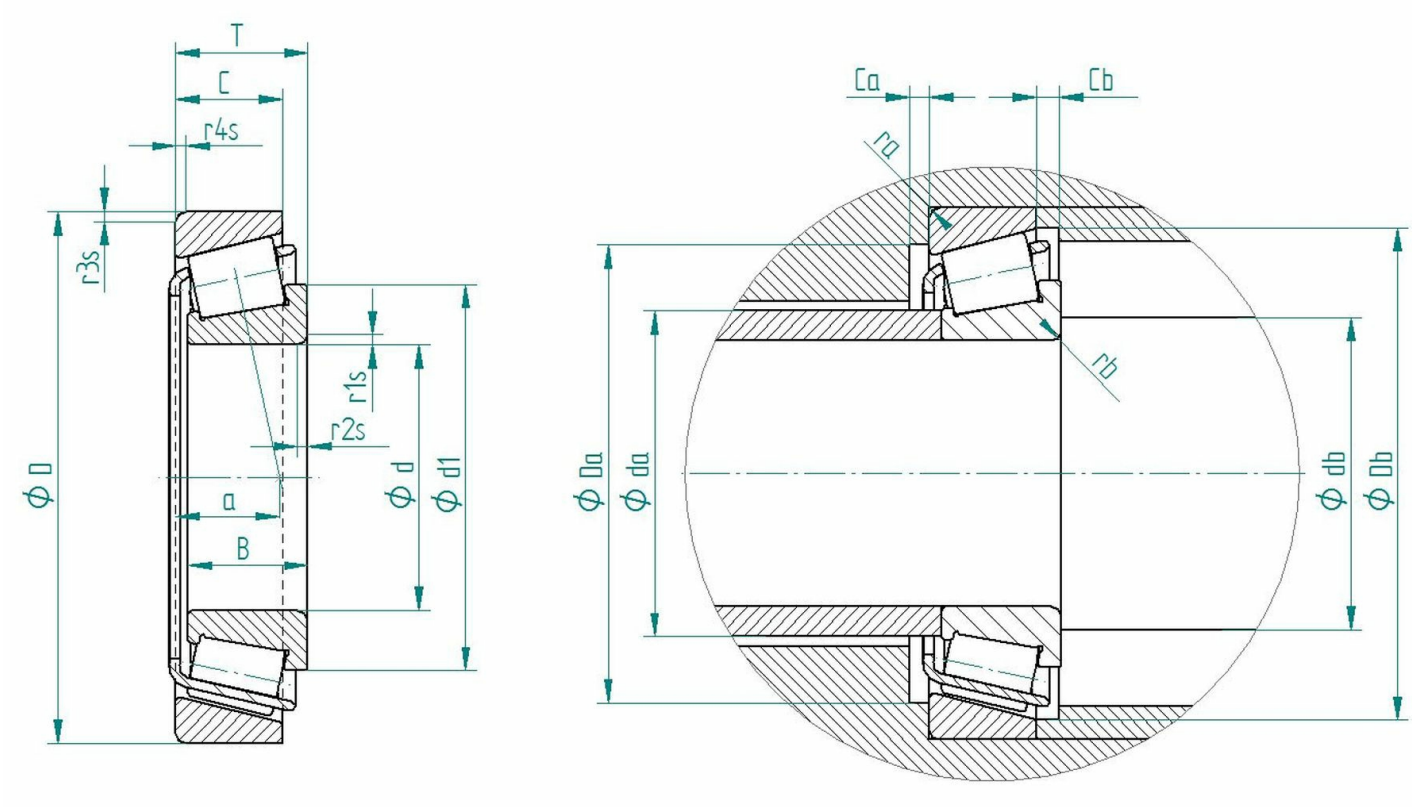
created: 27.08.2019 / 01 page: 1 / 2

article 33206 **Art-No.** 49985 **brand** SKA **weight/kg** 0.355

description **remark** Description according ISO 355: T 2DE 030

33206 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	30	0 / -12	620-2
D	nominal outer diameter	62	0 / -16	620-2
B	inner ring width	25	0 / -120	620-2
C	outer ring width	19.5	0 / -120	620-2
T	bearing width	25	0 / 200	720
r1s min.	minimal chamfer dimension	1		720
r2s min.	minimal chamfer dimension	1		720
r3s min.	minimal chamfer dimension	1		720
r4s min.	minimal chamfer dimension	1		720
d1	flange diameter of the inner ring	45.7	0 / -250	
a	load application point	~15.7		
Da min.	mounting dimension	53		5418
Da max.	mounting dimension	56		5418
da max.	mounting dimension	36		5418
Db min.	mounting dimension	59		5418
db min.	mounting dimension	36		5418
Ca min.	mounting dimension	5		5418
Cb min.	mounting dimension	5.5		5418
ra max.	mounting dimension	1		5418
rb max.	mounting dimension	1		5418
e	calculation factor	0.34		
Y	calculation factor	1.76		
Y0	calculation factor	0.97		

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article 33206 **Art-No.** 49985

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	62300	8660	281	73400	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		6300	8400

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.