general data/description

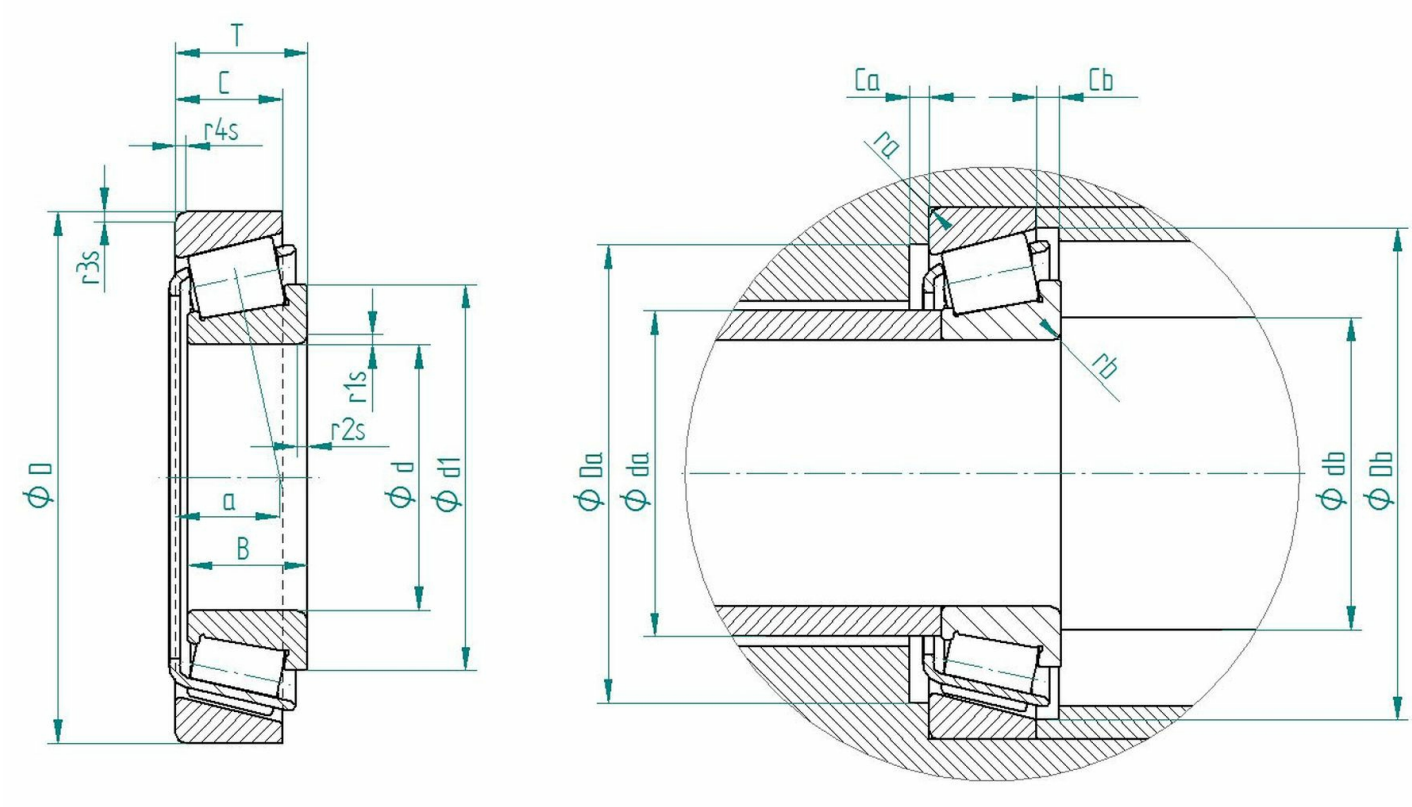
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article 33207 **Art-No.** 47313 **brand** SKA **weight/kg** 0.54

description
33207 Size

remark Description according ISO 355: T 2DE 035

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	35	0 / -12	620-2
D	nominal outer diameter	72	0 / -16	620-2
B	inner ring width	28	0 / -120	620-2
C	outer ring width	22	0 / -120	620-2
T	bearing width	28	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	53.2	0 / -300	
a	load application point	~ 18.2		
Da min.	mounting dimension	61		
Da max.	mounting dimension	65		
da max.	mounting dimension	42		
Db min.	mounting dimension	68		
db min.	mounting dimension	42		
Ca min.	mounting dimension	5		
Cb min.	mounting dimension	6		
ra max.	mounting dimension	1.5		
rb max.	mounting dimension	1.5		
e	calculation factor	0.35		
Y	calculation factor	1.7		
Y0	calculation factor	0.93		

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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
	82600	12000	281	102000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		5500	7400

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.