general data/description

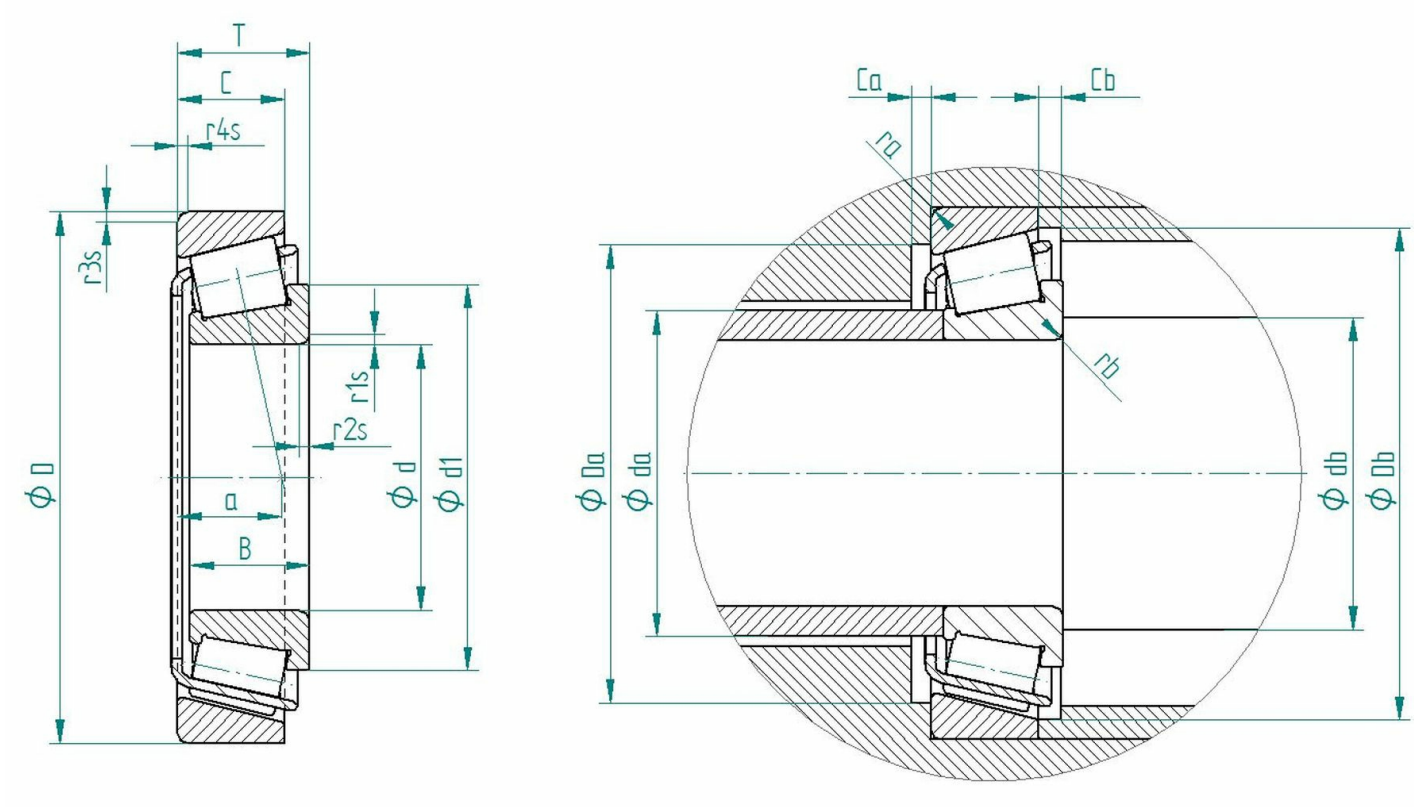
created: 04.04.2016 / 02 page: 1 / 2

article 30305 **Art-No.** 47271 **brand** SKA **weight/kg** 0.261

description **remark** Description according ISO 355: T 2FB 025

30305 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / -12	620-2
D	nominal outer diameter	62	0 / -16	620-2
B	inner ring width	17	0 / -120	620-2
C	outer ring width	15	0 / -120	620-2
T	bearing width	18.25	200 / 0	620-2
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	42.1		
a	load application point	~ 13		
Da min.	mounting dimension	54		
Da max.	mounting dimension	55		
da max.	mounting dimension	34		
Db min.	mounting dimension	57		
db min.	mounting dimension	32		
Ca min.	mounting dimension	2		
Cb min.	mounting dimension	3		
ra max.	mounting dimension	1.5		
rb max.	mounting dimension	1.5		
e	calculation factor	0.3		
Y	calculation factor	2.0		
Y0	calculation factor	1.1		

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article 30305 **Art-No.** 47271

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	48500	5400	281	47500	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		6700	8900

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.