general data/description

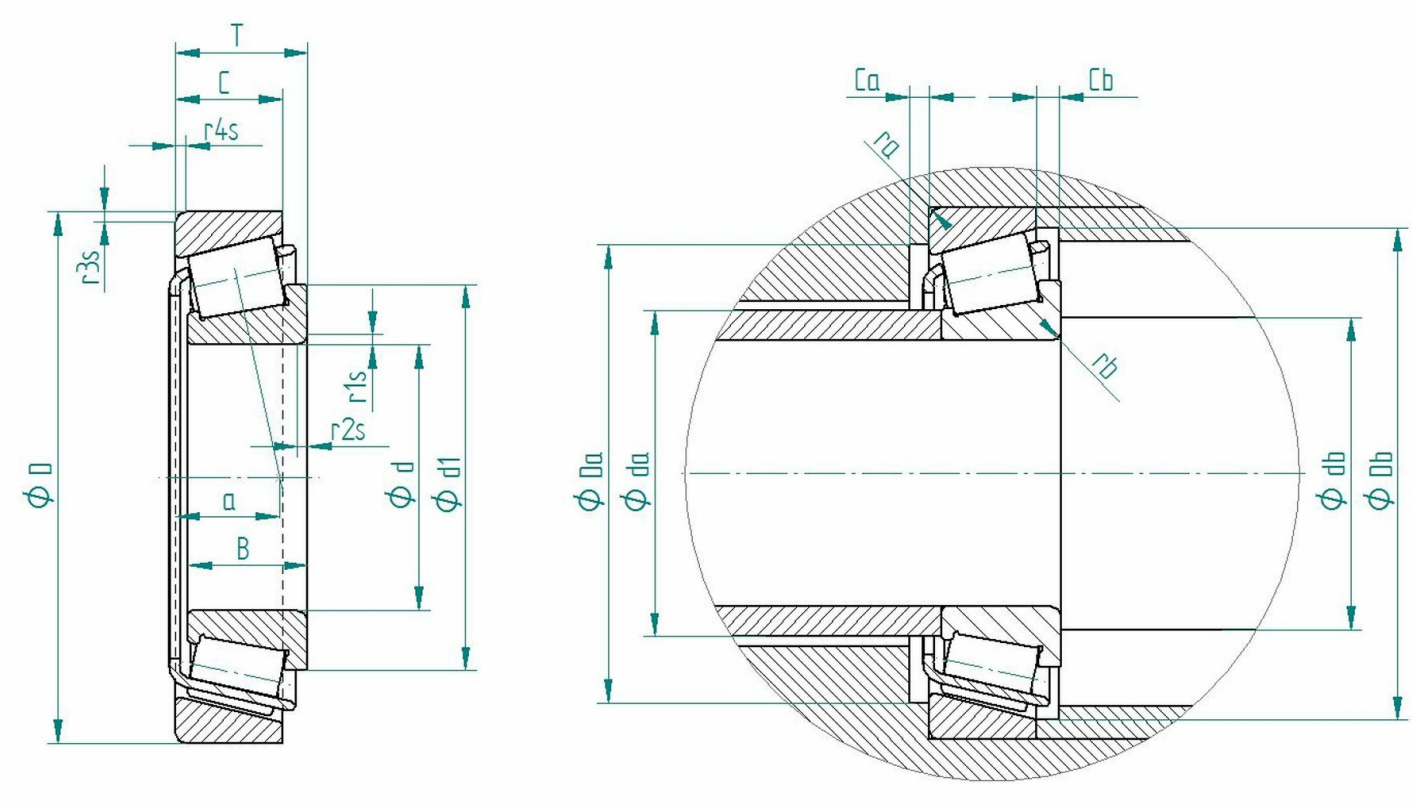
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article 32211 **Art-No.** 48242 **brand** SKA **weight/kg** 0.84

description
32211 Size

remark Description according ISO 355: T 3DC 055

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	55	0 / -15	620-2
D	nominal outer diameter	100	0 / -18	620-2
B	inner ring width	25	0 / -150	620-2
C	outer ring width	21	0 / -150	620-2
T	bearing width	26.75	0 / 200	720
r1s min.	minimal chamfer dimension	2		720
r2s min.	minimal chamfer dimension	2		720
r3s min.	minimal chamfer dimension	1.5		720
r4s min.	minimal chamfer dimension	1.5		720
d1	flange diameter of the inner ring	75.6	0 / -350	
a	load application point	22.8		
Da min.	mounting dimension	87		
Da max.	mounting dimension	91		
da max.	mounting dimension	63		
Db min.	mounting dimension	95		
db min.	mounting dimension	64		
Ca min.	mounting dimension	4		
Cb min.	mounting dimension	5.5		
ra max.	mounting dimension	1.5		
rb max.	mounting dimension	2		
e	calculation factor	0.4		
Y	calculation factor	1.48		
Y0	calculation factor	0.81		

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article 32211 **Art-No.** 48242

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	106000	14500	281	131000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3600	5000

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.