general data/description

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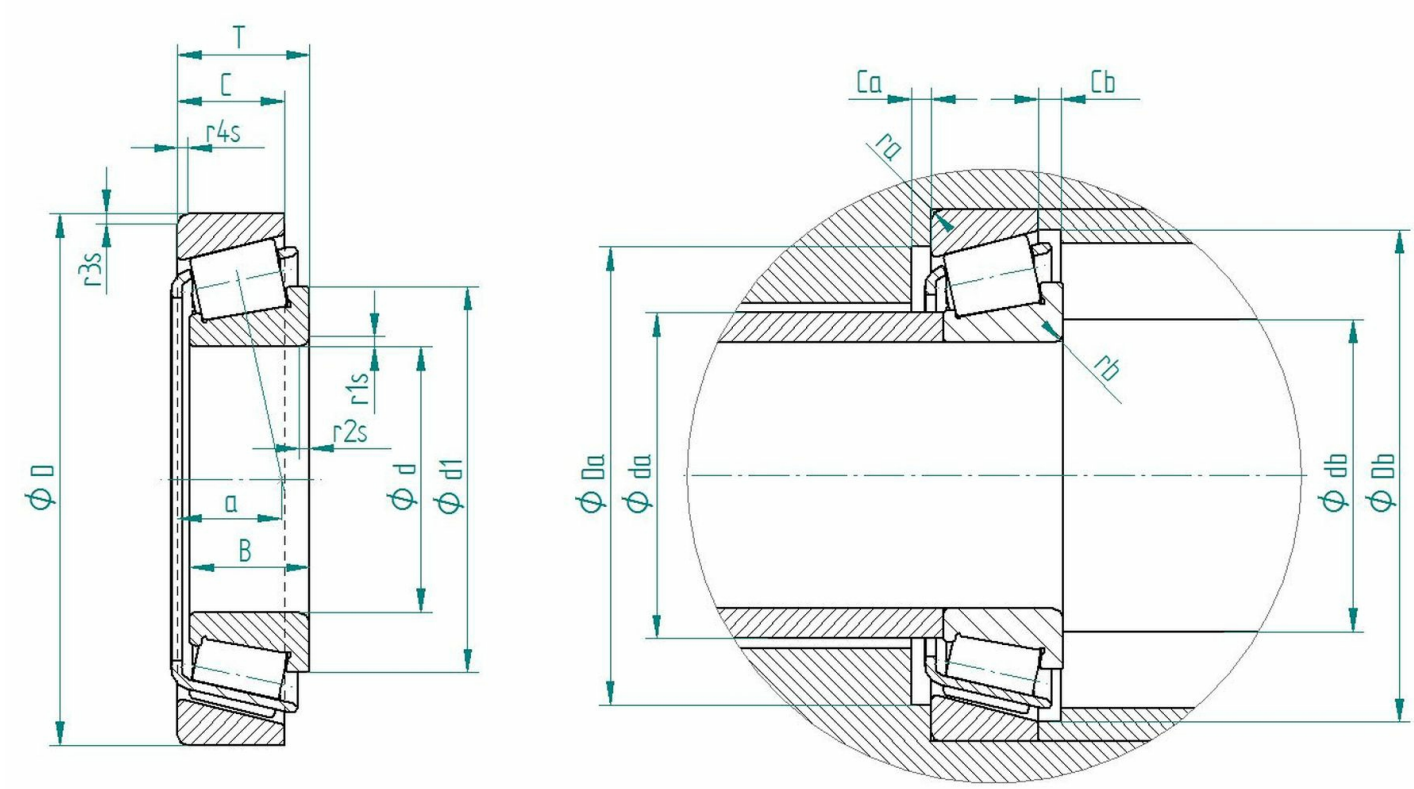
article 32011 X **Art-No.** 47208 **brand** SKA **weight/kg** 0.555

description

remark Description according ISO 355: T 3CC 055

32011	Size
X	Dimensions according to ISO 355

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	55	0 / -15	620-2
D	nominal outer diameter	90	0 / -18	620-2
B	inner ring width	23	0 / -150	620-2
C	outer ring width	17.5	0 / -150	620-2
T	bearing width	23	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	73.3	0 / -300	
a	load application point	19.8		
Da min.	mounting dimension	81		
Da max.	mounting dimension	83		
da max.	mounting dimension	63		
Db min.	mounting dimension	86		
db min.	mounting dimension	62		
Ca min.	mounting dimension	4		
Cb min.	mounting dimension	5.5		
ra max.	mounting dimension	1.5		
rb max.	mounting dimension	1.5		
e	calculation factor	0.4		
Y	calculation factor	1.5		
Y0	calculation factor	0.8		

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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
	80200	14000	281	118000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4000	5400

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.