general data/description

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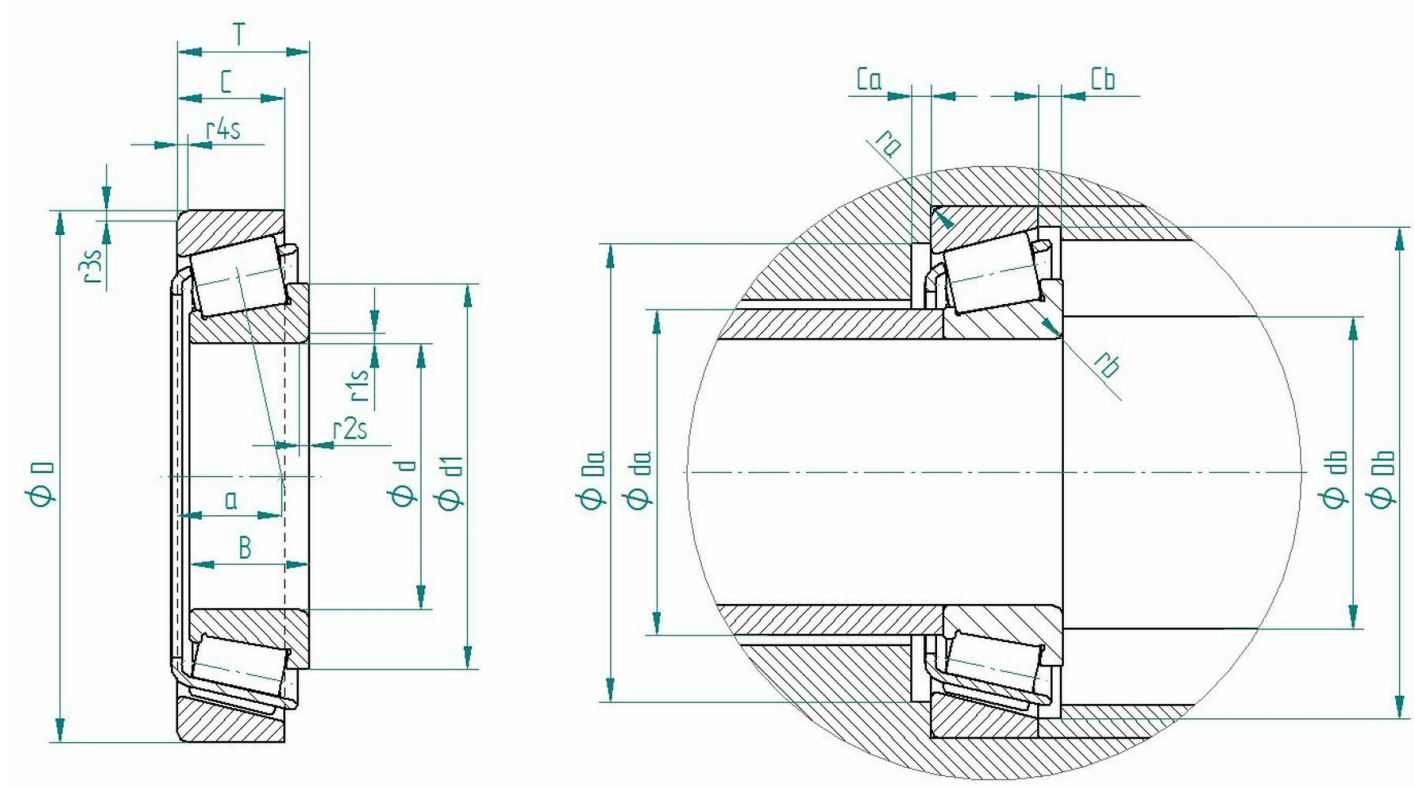
article 32008 X P5 **Art-No.** 48124 **brand** SKA **weight/kg** 0.273

remark Description according ISO 355: T 3CD 040

description

32008	Size
X	Dimensions according to ISO 355
P5	Tolerance class

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	40	0 / -10	620-2
D	nominal outer diameter	68	0 / -11	620-2
B	inner ring width	19	0 / -240	620-2
C	outer ring width	14.5	0 / -240	620-2
T	bearing width	19	-200 / 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	54.2	0 / -300	
a	load application point	14.9		
Da min.	mounting dimension	60		
Da max.	mounting dimension	62		
da max.	mounting dimension	46		
Db min.	mounting dimension	65		
db min.	mounting dimension	46		
Ca min.	mounting dimension	4		
Cb min.	mounting dimension	4.5		
ra max.	mounting dimension	1		
rb max.	mounting dimension	1		
e	calculation factor	0.38		
Y	calculation factor	1.58		
Y0	calculation factor	0.87		

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article 32008 X P5 **Art-No.** 48124

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	51900	8000	281	71100	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		5300	7100

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		

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