general data/description

created: 21.06.2017 / 03 page: 1 / 2

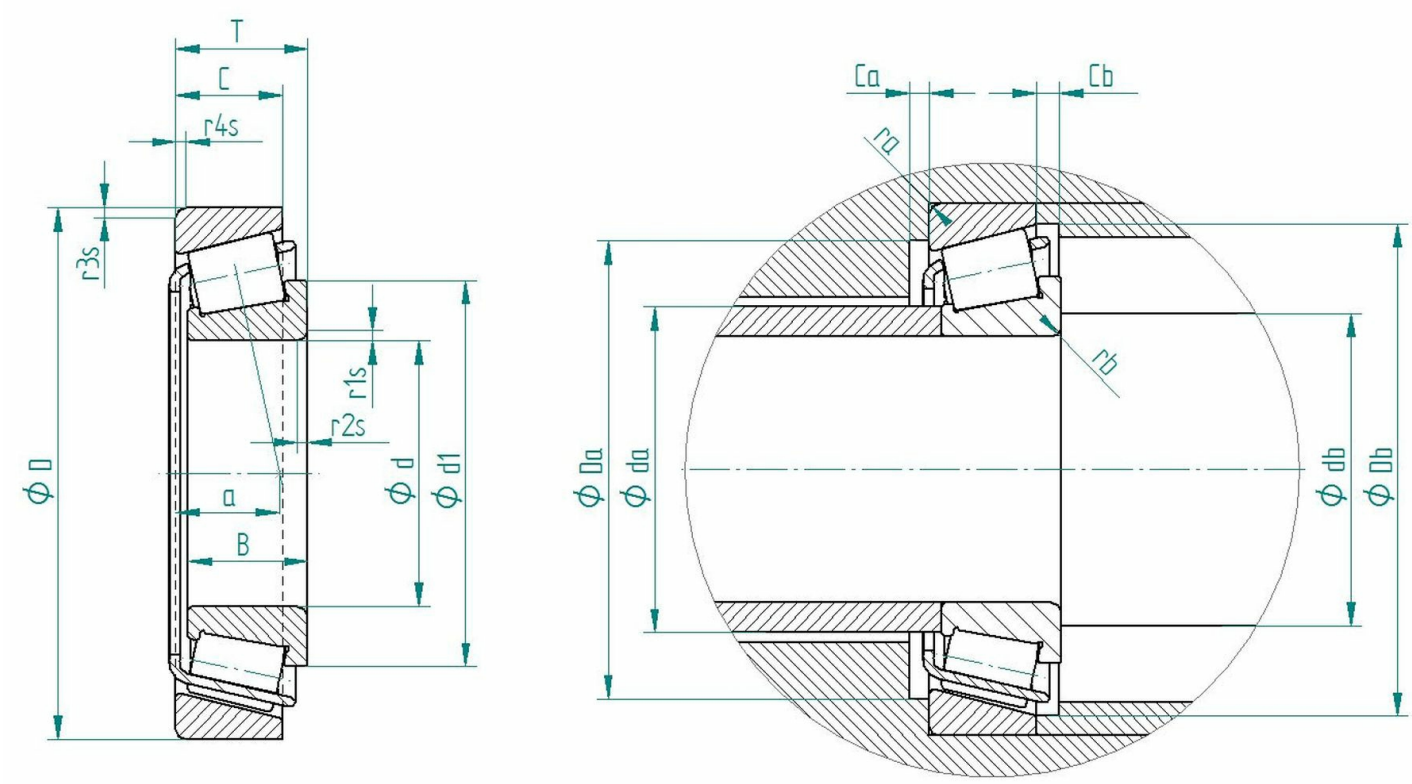
article 32007 X P5 **Art-No.** 48291 **brand** SKA **weight/kg** 0.232

remark Description according ISO 355: T 4CC 035

description

32007	Size
X	Dimensions according to ISO 355
P5	Tolerance class

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	35	0 / -10	620-2
D	nominal outer diameter	62	0 / -11	620-2
B	inner ring width	18	0 / -240	620-2
C	outer ring width	14	0 / -240	620-2
T	bearing width	18	200 / -200	620-2
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	49.8	0 / -250	WERKSNORM
a	load application point	15.1		
Da min.	mounting dimension	54		5418
Da max.	mounting dimension	56		5418
da max.	mounting dimension	40		5418
Db min.	mounting dimension	59		5418
db min.	mounting dimension	41		5418
Ca min.	mounting dimension	4		5418
Cb min.	mounting dimension	4		5418
ra max.	mounting dimension	1		5418
rb max.	mounting dimension	1		5418
e	calculation factor	0.45		
Y	calculation factor	1.32		
Y0	calculation factor	0.73		

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article 32007 X P5 **Art-No.** 48291

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	42700	7050	281	58700	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		5600	8000

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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