general data/description

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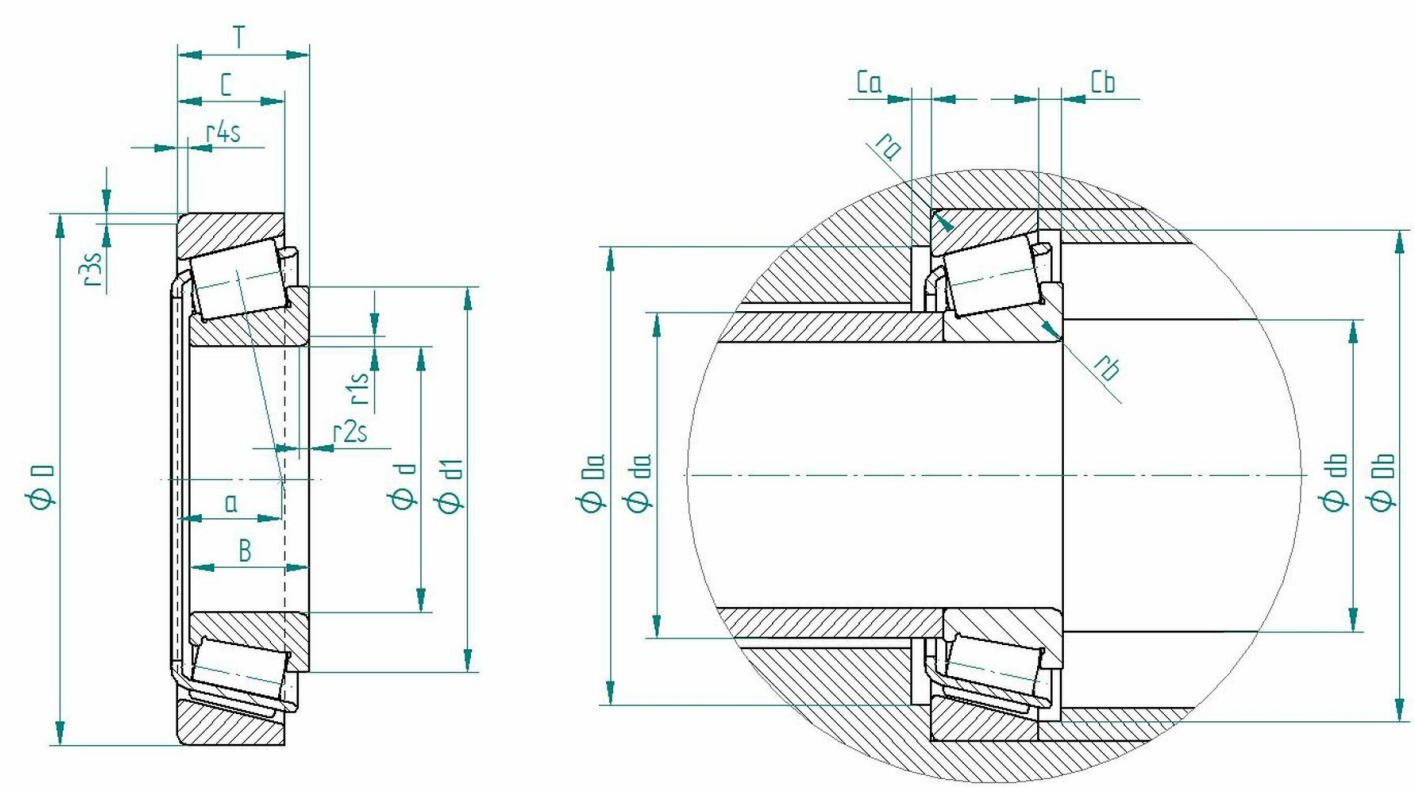
article 32024 X **Art-No.** 46126 **brand** SKA **weight/kg** 3.20

remark Description according ISO 355: T 4DC 120

description

32024	Size
X	Dimensions according to ISO 355

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	120	0 / -20	620-2
D	nominal outer diameter	180	0 / -25	620-2
B	inner ring width	38	0 / -200	620-2
C	outer ring width	29	0 / -200	620-2
T	bearing width	38	-200 / 200	720
r1s min.	minimal chamfer dimension	2.5		720
r2s min.	minimal chamfer dimension	2.5		720
r3s min.	minimal chamfer dimension	2		720
r4s min.	minimal chamfer dimension	2		720
d1	flange diameter of the inner ring	149.9	0 / -400	
a	load application point	39.3		
Da min.	mounting dimension	161		
Da max.	mounting dimension	170		
da max.	mounting dimension	131		
Db min.	mounting dimension	173		
db min.	mounting dimension	130		
Ca min.	mounting dimension	7		
Cb min.	mounting dimension	9		
ra max.	mounting dimension	2		
rb max.	mounting dimension	2.5		
e	calculation factor	0.46		
Y	calculation factor	1.31		
Y0	calculation factor	0.72		

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article 32024 X **Art-No.** 46126

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	242000	43000		281	406000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		1800	2400			
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.