general data/description

created: 25.10.2016 / 04 page: 1 / 2

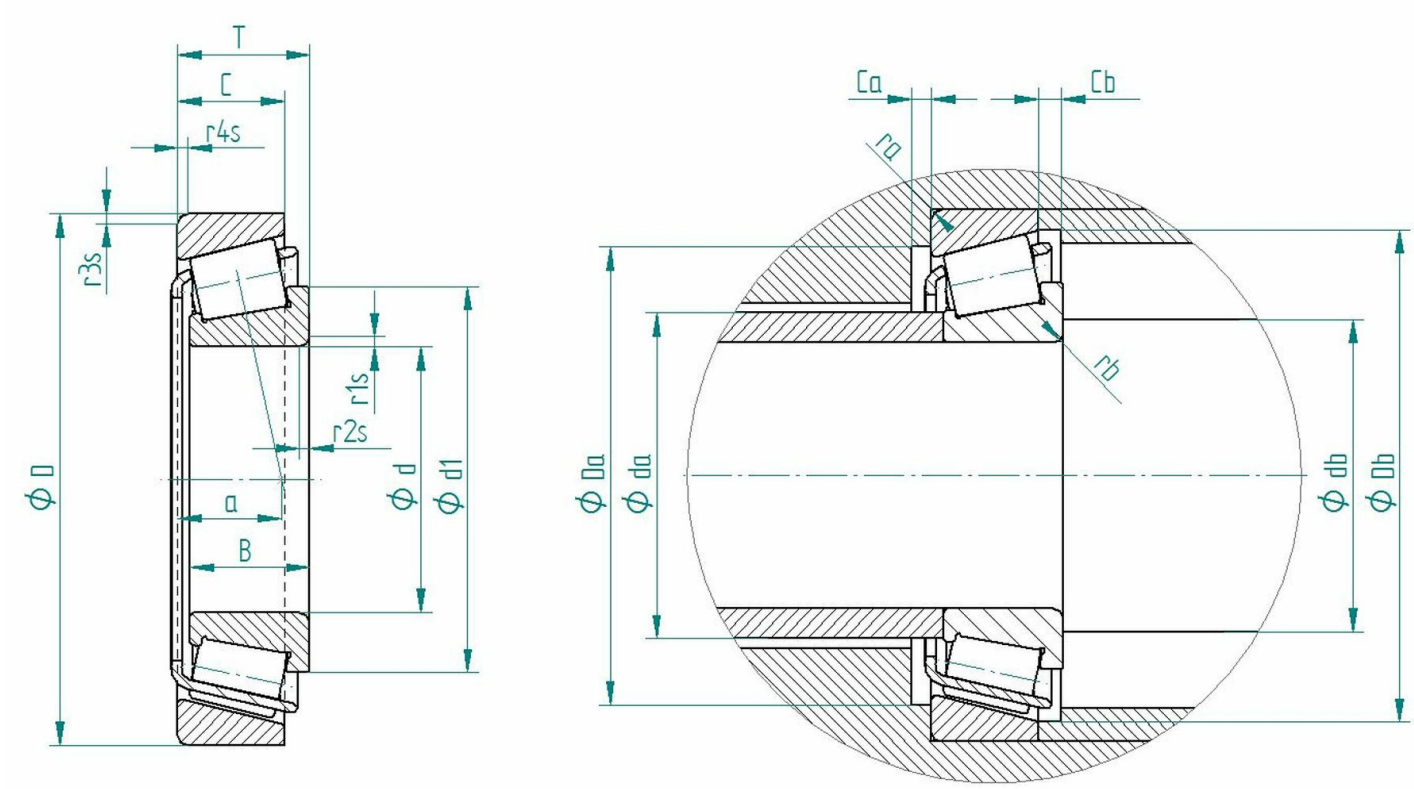
article 32010 X **Art-No.** 45524 **brand** SKA **weight/kg** 0.37

remark Description according ISO 355: T 3CC 050

description

32010	Size
X	Dimensions according to ISO 355

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	50	0 / -12	620-2
D	nominal outer diameter	80	0 / -16	620-2
B	inner ring width	20	0 / -120	620-2
C	outer ring width	15.5	0 / -120	620-2
T	bearing width	20	0 / 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	65.7	0 / -300	
a	load application point	~ 17.8		
Da min.	mounting dimension	72		5418
Da max.	mounting dimension	74		5418
da max.	mounting dimension	56		5418
Db min.	mounting dimension	77		5418
db min.	mounting dimension	56		5418
Ca min.	mounting dimension	4		5418
Cb min.	mounting dimension	4.5		5418
ra max.	mounting dimension	1		5418
rb max.	mounting dimension	1		5418
e	calculation factor	0.42		
Y	calculation factor	1.42		
Y0	calculation factor	0.78		

article 32010 X **Art-No.** 45524

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	63000	11000		281	93000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		4400	5800			
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.