general data/description

created: 22.03.2017 / 02 page: 1 / 2

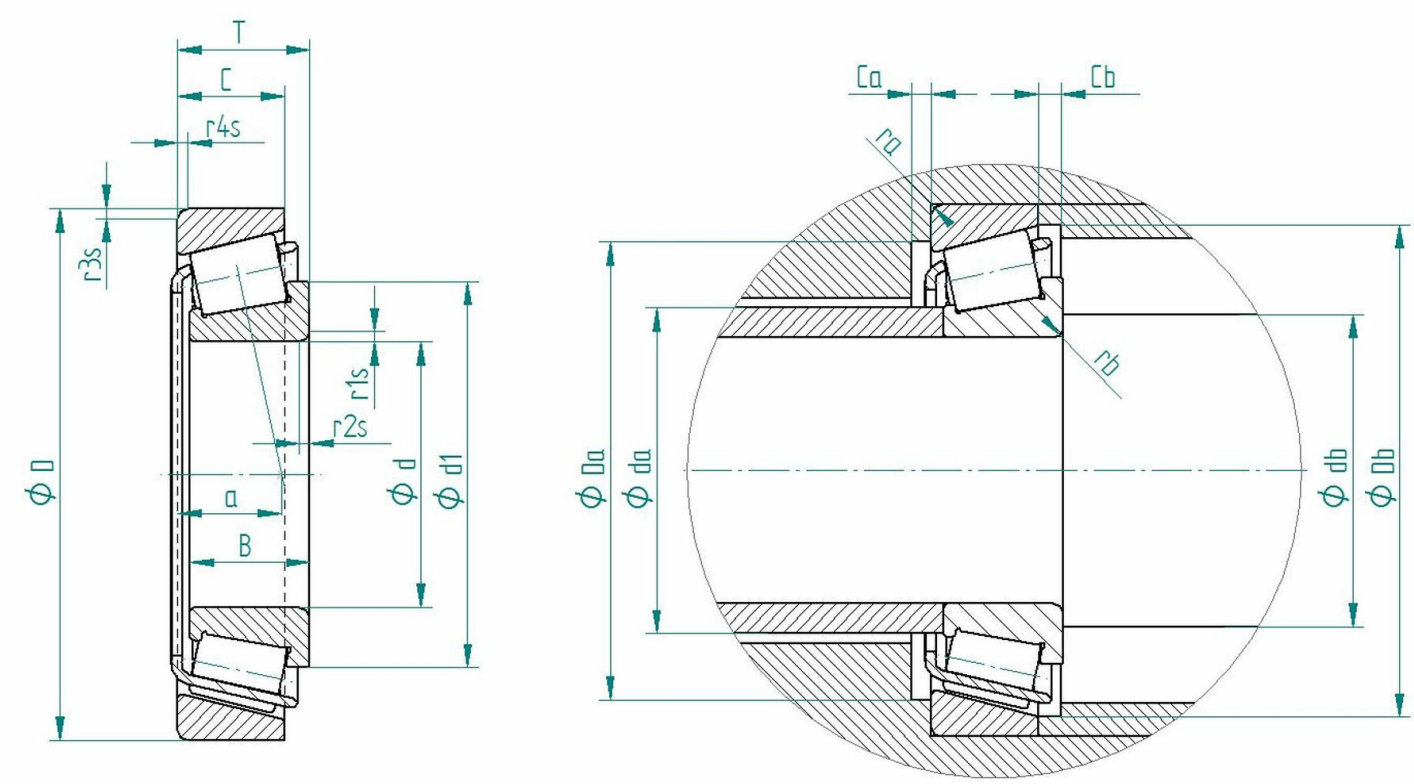
article 32012 X **Art-No.** 45304 **brand** SKA **weight/kg** 0.595

remark Description according ISO 355: T 4CC 060

description

32012	Size
X	Dimensions according to ISO 355

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	60	0 / -15	620-2
D	nominal outer diameter	95	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	77.9	0 / -300	
a	load application point	20.9		
Da min.	mounting dimension	85		
Da max.	mounting dimension	88		
da max.	mounting dimension	67		
Db min.	mounting dimension	91		
db min.	mounting dimension	67		
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	0.43		
Y	calculation factor	1.39		
Y0	calculation factor	0.77		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 32012 X **Art-No.** 45304

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	80700	13200		281	121000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		3600	5000			
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.