general data/description

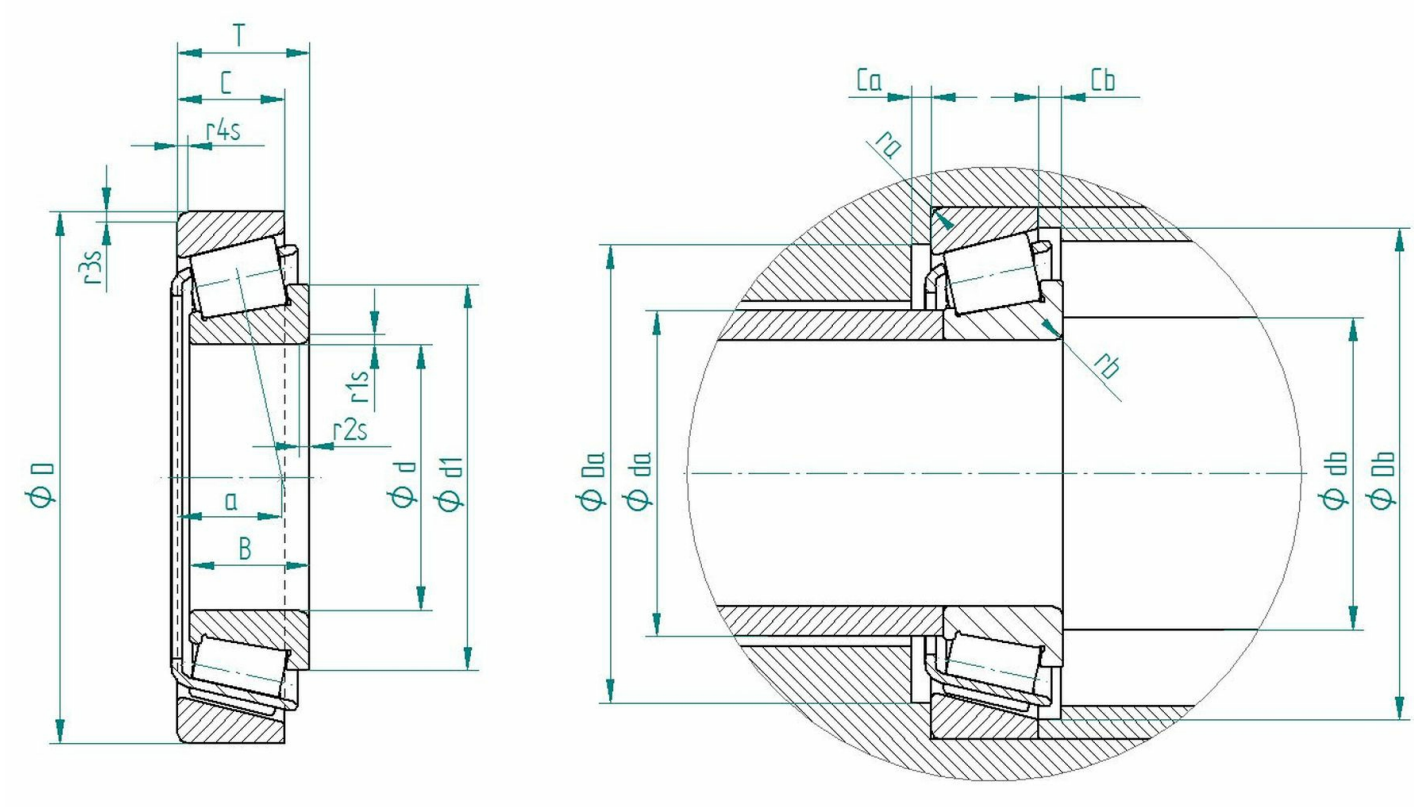
created: 16.12.2015 / 03 page: 1 / 2

article 32311 **Art-No.** 46267 **brand** SKA **weight/kg** 2.33

description **remark** Description according ISO 355: T 2FD 055

32311 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	55	0 / -15	620-2
D	nominal outer diameter	120	0 / -18	620-2
B	inner ring width	43	0 / -150	620-2
C	outer ring width	35	0 / -150	620-2
T	bearing width	45.5	0 / 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	85.3	0 / -350	
a	load application point	30.4		
Da min.	mounting dimension	99		
Da max.	mounting dimension	110		
da max.	mounting dimension	68		
Db min.	mounting dimension	111		
db min.	mounting dimension	65		
Ca min.	mounting dimension	5		
Cb min.	mounting dimension	10.5		
ra max.	mounting dimension	2		
rb max.	mounting dimension	2.5		
e	calculation factor	0.35		
Y	calculation factor	1.7		
Y0	calculation factor	0.9		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 32311 **Art-No.** 46267

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	210000	31000		281	270000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		3200	4300			
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.