general data/description

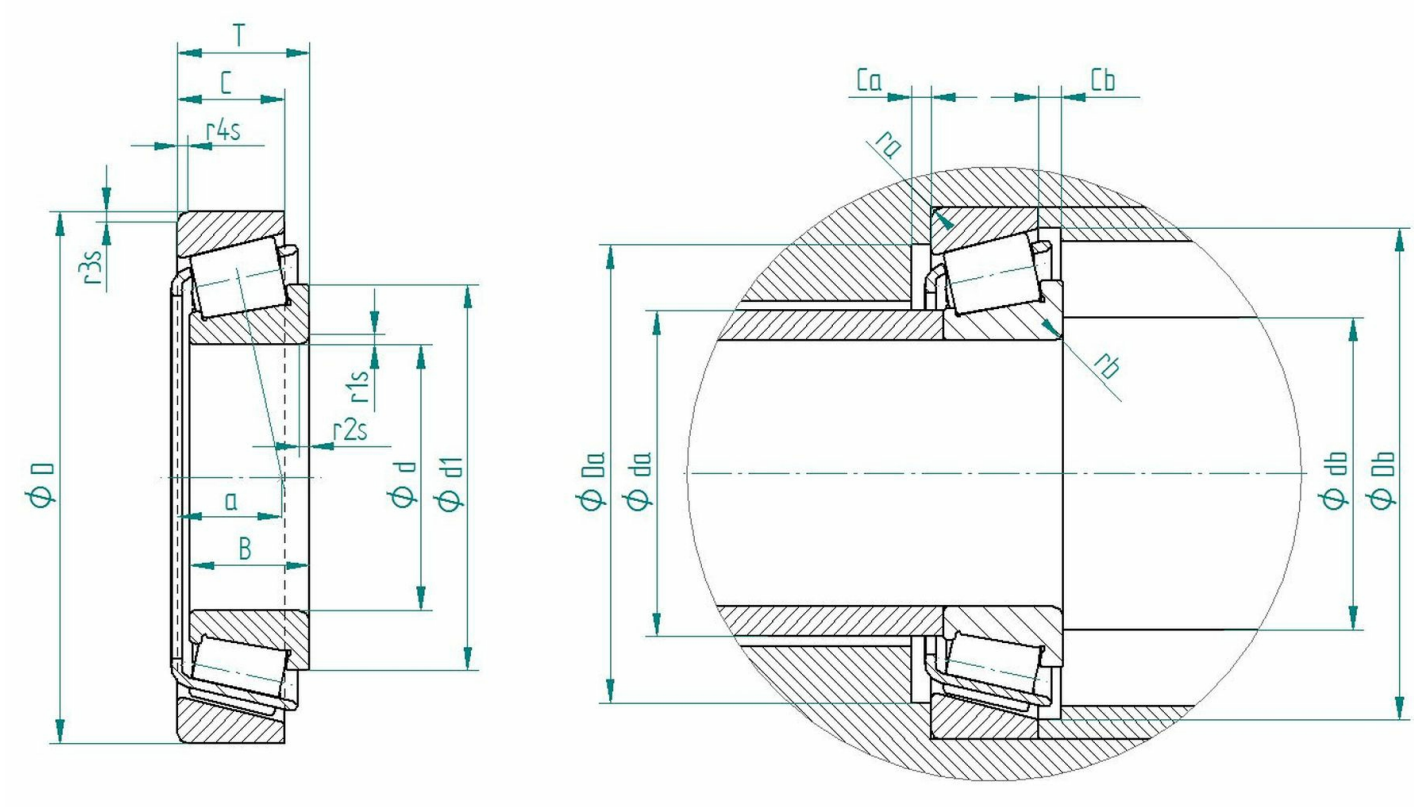
created: 22.03.2017 / 02 page: 1 / 2

article 32312 **Art-No.** 48098 **brand** SKA **weight/kg** 2.90

description **remark** Description according ISO 355: T 2FD 060

32312 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	60	0 / -15	620-2
D	nominal outer diameter	130	0 / -18	620-2
B	inner ring width	46	0 / -150	620-2
C	outer ring width	37	0 / -150	620-2
T	bearing width	48.5	0 / 200	720
r1s min.	minimal chamfer dimension	3		720
r2s min.	minimal chamfer dimension	3		720
r3s min.	minimal chamfer dimension	2.5		720
r4s min.	minimal chamfer dimension	2.5		720
d1	flange diameter of the inner ring	92.4	0 / -350	
a	load application point	32		
Da min.	mounting dimension	107		
Da max.	mounting dimension	118		
da max.	mounting dimension	74		
Db min.	mounting dimension	120		
db min.	mounting dimension	72		
Ca min.	mounting dimension	6		
Cb min.	mounting dimension	11.5		
ra max.	mounting dimension	2.5		
rb max.	mounting dimension	3		
e	calculation factor	0.35		
Y	calculation factor	1.74		
Y0	calculation factor	0.96		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 32312 **Art-No.** 48098

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	229000	34000	281	290000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3000	4000

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.