Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

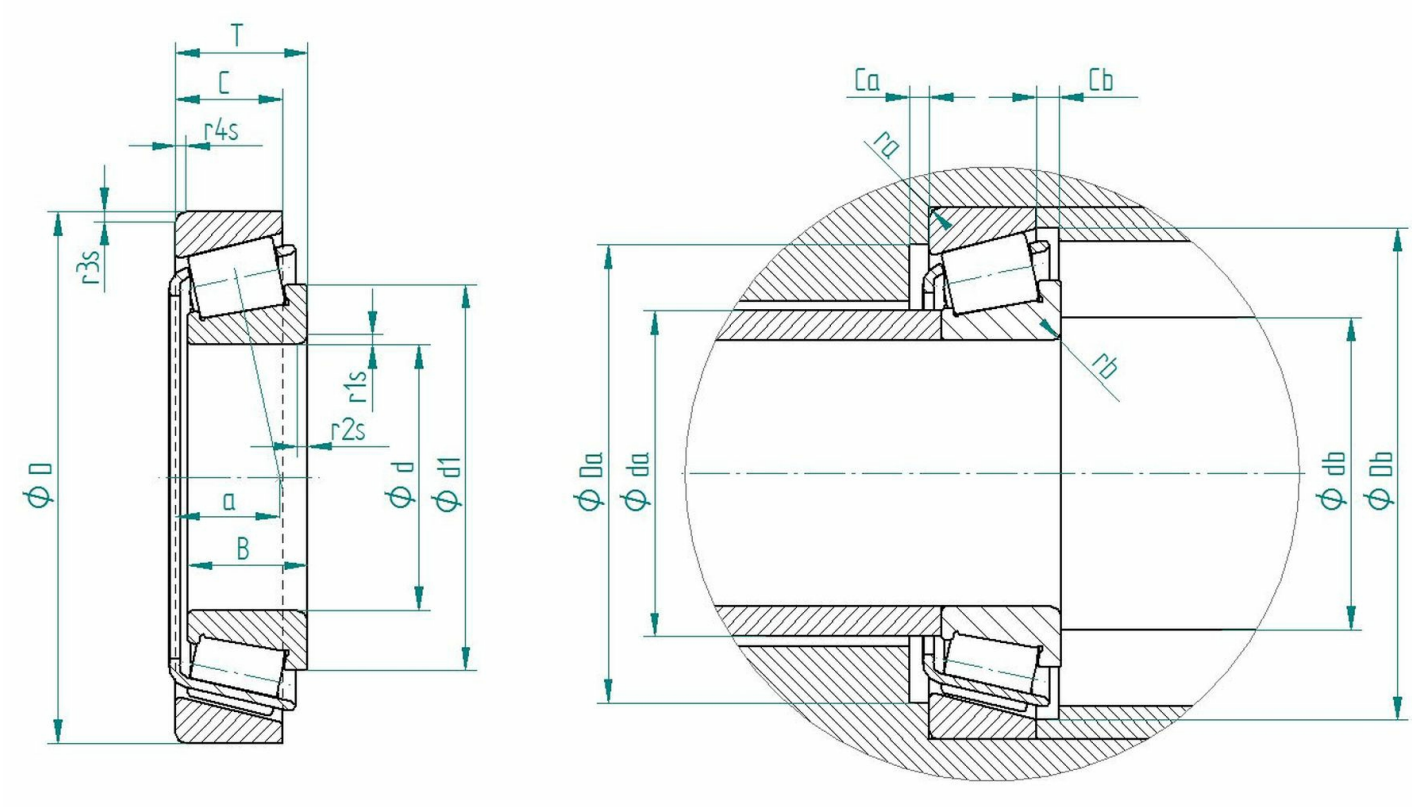
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article 32913 **Art-No.** 46257 **brand** SKA **weight/kg** 0.315

description **remark** Description according ISO 355: T 2BC 065

32913 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	65	0 / -15	620-2
D	nominal outer diameter	90	0 / -18	620-2
B	inner ring width	17	0 / -150	620-2
C	outer ring width	14	0 / -150	620-2
T	bearing width	17	0 / 200	620-2
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	76	0 / -300	
a	load application point	16.2		
Da min.	mounting dimension	83		5418
Da max.	mounting dimension	84		5418
da max.	mounting dimension	71		5418
Db min.	mounting dimension	86		5418
db min.	mounting dimension	71		5418
Ca min.	mounting dimension	4		5418
Cb min.	mounting dimension	3		5418
ra max.	mounting dimension	1		5418
rb max.	mounting dimension	1		5418
e	calculation factor	0.35		
Y	calculation factor	1.7		
Y0	calculation factor	0.93		

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calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	44700	8700	281	72100	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.