Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

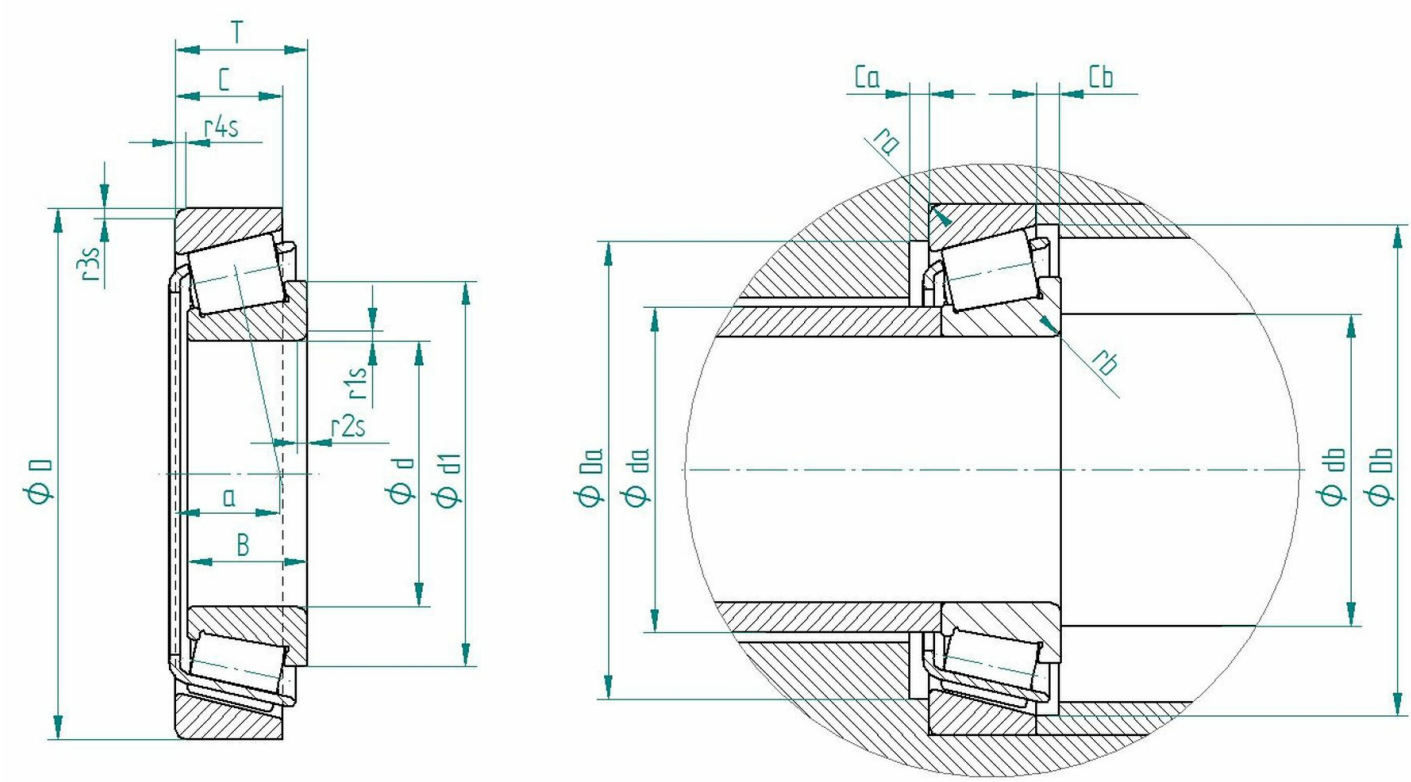
created: 25.06.2018 / 01

article 32915 **Art-No.** 49636 **brand** SKA **weight/kg** 0.52

description

remark Description according ISO 355: T 2BC 075

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	75	0 / -15	620-2
D	nominal outer diameter	105	0 / -18	620-2
B	inner ring width	20	0 / -150	620-2
C	outer ring width	16	0 / -150	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	88.1	0 / -350	
a	load application point	18.5		
Da min.	mounting dimension	98		5418
Da max.	mounting dimension	99		5418
da max.	mounting dimension	81		5418
Db min.	mounting dimension	101		5418
db min.	mounting dimension	81		5418
Ca min.	mounting dimension	4		5418
Cb min.	mounting dimension	4		5418
ra max.	mounting dimension	1		5418
rb max.	mounting dimension	1		5418
e	calculation factor	0.33		
Y	calculation factor	1.8		
Y0	calculation factor	0.99		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 32915 **Art-No.** 49636

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	75200	14300		281	119000	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.