general data/description

created: 25.11.2019 / 01 page: 1 / 2

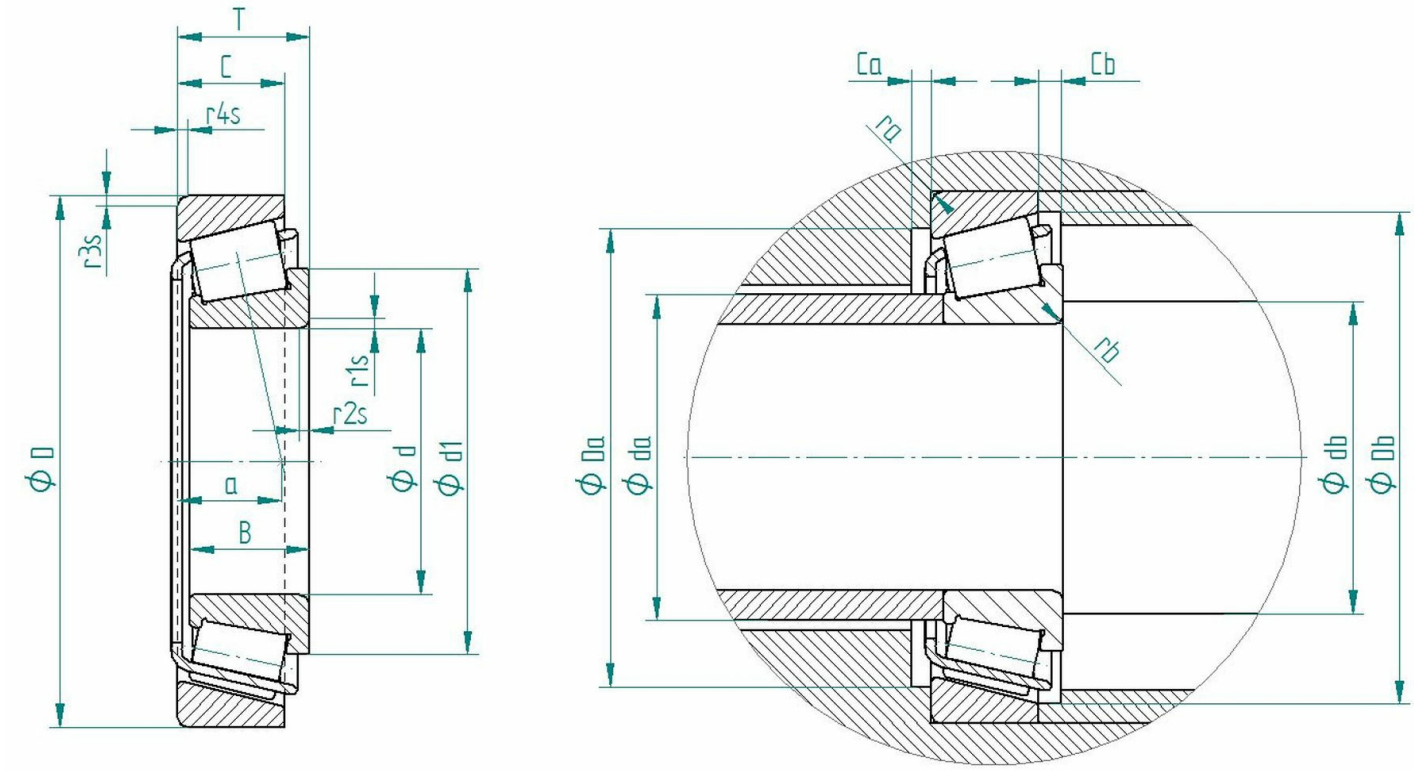
article 32009 X **Art-No.** 46016 **brand** SKA **weight/kg** 0.345

remark Description according ISO 355: T 3CC 045

description

32009	Size
X	Dimensions according to ISO 355

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	45	0 / -12	620-2
D	nominal outer diameter	75	0 / -16	620-2
B	inner ring width	20	0 / -120	620-2
C	outer ring width	15.5	0 / -120	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	60.5	0 / -300	WERKSNORM
a	load application point	16.5		
Da min.	mounting dimension	67		5418
Da max.	mounting dimension	69		5418
da max.	mounting dimension	51		5418
Db min.	mounting dimension	72		5418
db min.	mounting dimension	51		5418
Ca min.	mounting dimension	4		5418
Cb min.	mounting dimension	4.5		5418
ra max.	mounting dimension	1		5418
rb max.	mounting dimension	1		5418
e	calculation factor	0.39		
Y	calculation factor	1.53		
Y0	calculation factor	0.84		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 32009 X **Art-No.** 46016

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	58200	9770	281	81500	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4500	6300

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.