general data/description

created: 31.03.2020 / 01 page: 1 / 2

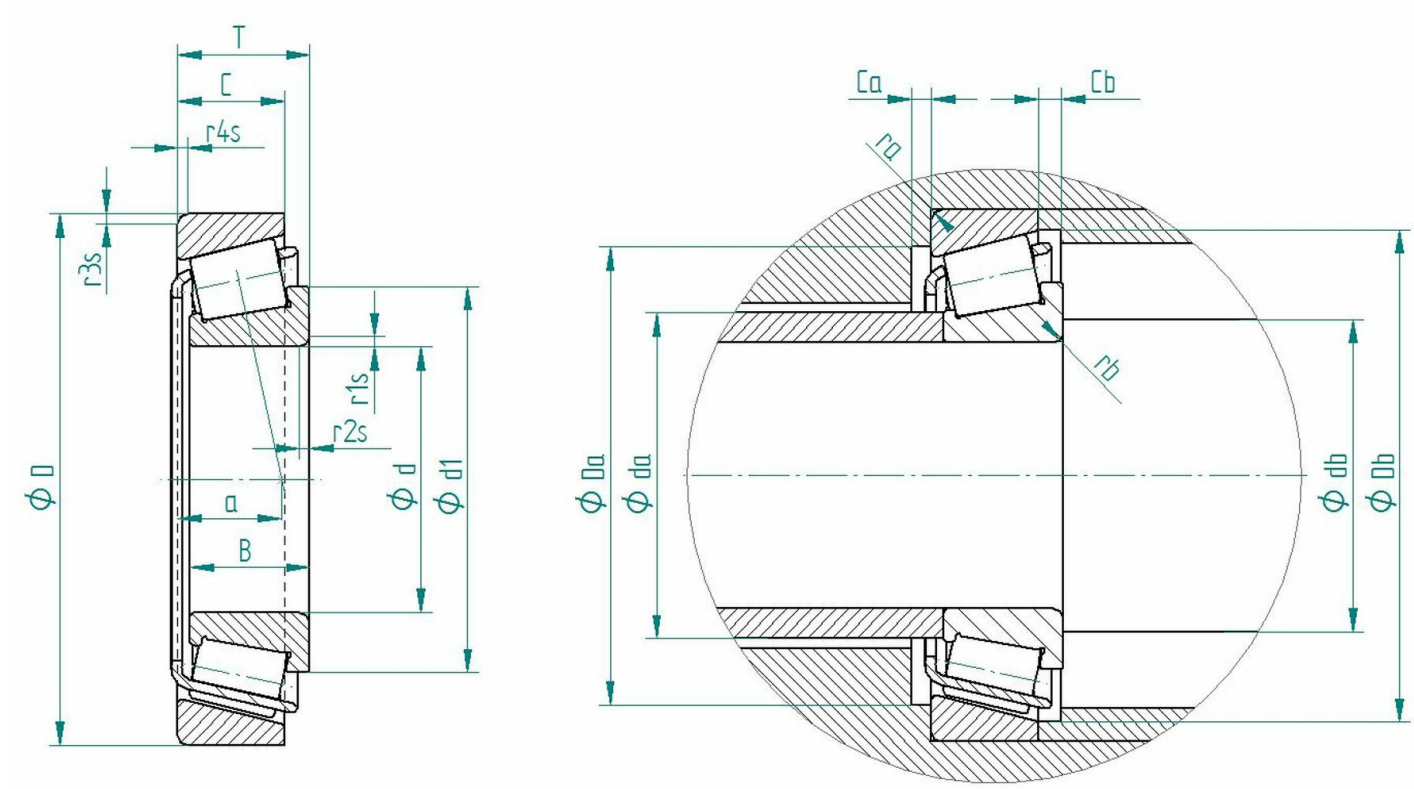
article 32028 X **Art-No.** 51037 **brand** SKA **weight/kg** 5.20

remark Description according ISO 355: T 4DC 140

description

32028	Size
X	Dimensions according to ISO 355

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	140	0 / -25	620-2
D	nominal outer diameter	210	0 / -30	620-2
B	inner ring width	45	0 / -250	620-2
C	outer ring width	34	0 / -250	620-2
T	bearing width	45	-250 / 350	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	174.7	0 / -400	
a	load application point	46		
Da min.	mounting dimension	187		5418
Da max.	mounting dimension	200		5418
da max.	mounting dimension	153		5418
Db min.	mounting dimension	202		5418
db min.	mounting dimension	150		5418
Ca min.	mounting dimension	8		5418
Cb min.	mounting dimension	11		5418
ra max.	mounting dimension	2		5418
rb max.	mounting dimension	2.5		5418
e	calculation factor	0.46		
Y	calculation factor	1.31		
Y0	calculation factor	0.72		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 32028 X **Art-No.** 51037

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	325000	56900	281	559000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		1600	2200

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.