general data/description

created: 18.11.2022 / 02 page: 1 / 2

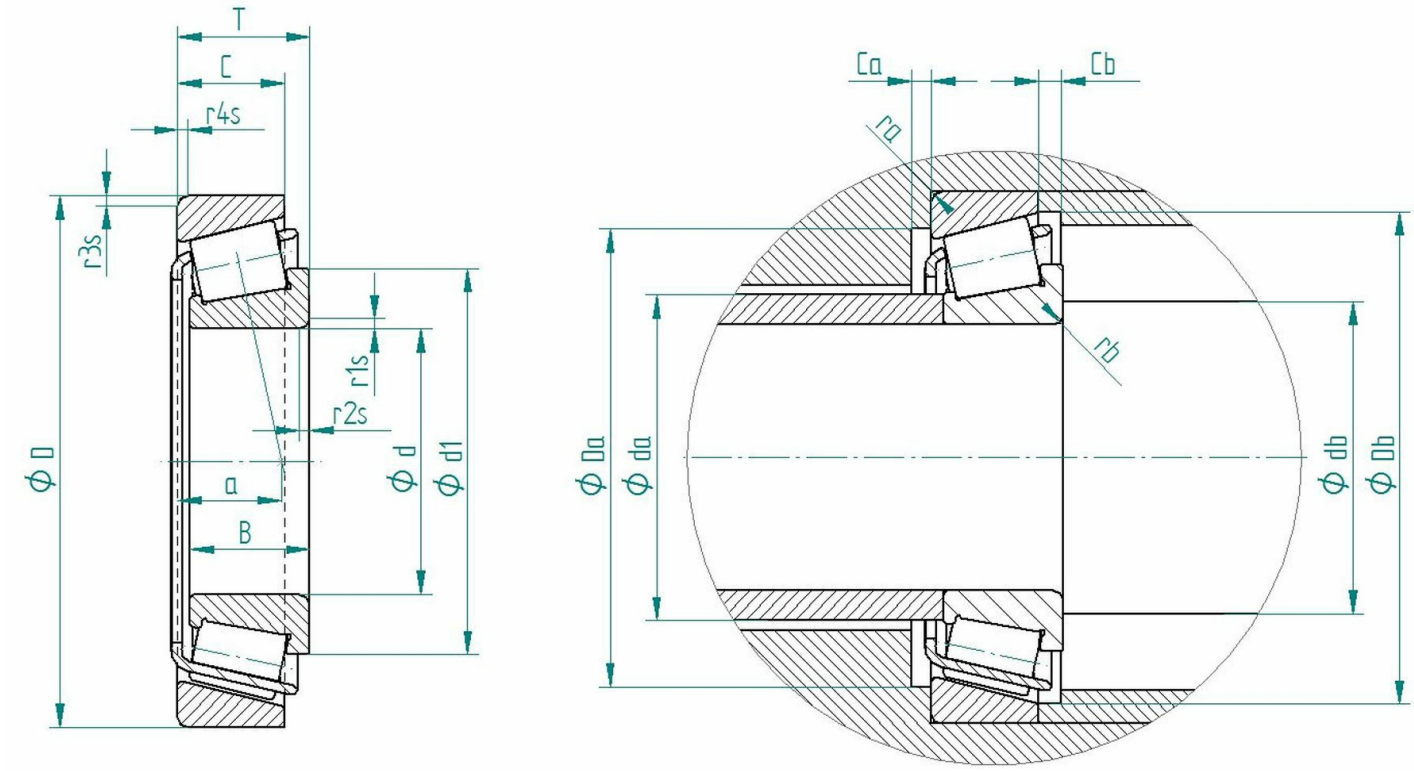
article 32022 X **Art-No.** 46157 **brand** SKA **weight/kg** 3.10

remark Description according ISO 355: T 4DC 110

description

32022	Size
X	Dimensions according to ISO 355

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	110	0 / -20	620-2
D	nominal outer diameter	170	0 / -25	620-2
B	inner ring width	38	0 / -200	620-2
C	outer ring width	29	0 / -200	620-2
T	bearing width	38	-200 / 200	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	139.9	0 / -400	WERKSNORM
a	load application point	36.6		
Da min.	mounting dimension	152		5418
Da max.	mounting dimension	160		5418
da max.	mounting dimension	122		5418
Db min.	mounting dimension	163		5418
db min.	mounting dimension	120		5418
Ca min.	mounting dimension	7		5418
Cb min.	mounting dimension	9		5418
ra max.	mounting dimension	2		5418
rb max.	mounting dimension	2.5		5418
e	calculation factor	0.43		
Y	calculation factor	1.39		
Y0	calculation factor	0.77		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 32022 X **Art-No.** 46157

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	241000	42900		281	396000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		2000	2600			
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.