general data/description

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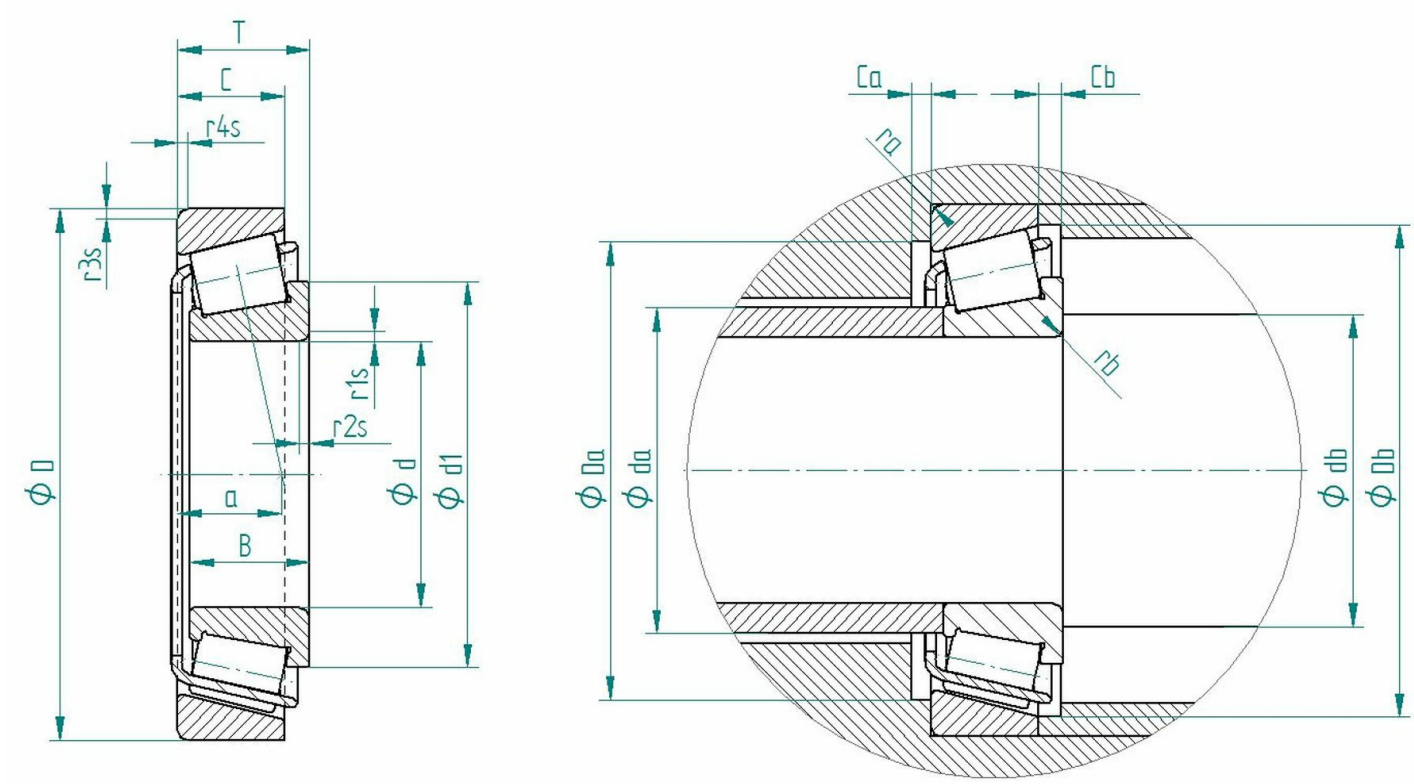
article 32014 X **Art-No.** 45305 **brand** SKA **weight/kg** 0.855

remark Description according ISO 355: T 4CC 070

description

32014	Size
X	Dimensions according to ISO 355

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	70	0 / -15	620-2
D	nominal outer diameter	110	0 / -18	620-2
B	inner ring width	25	0 / -150	620-2
C	outer ring width	19	0 / -150	620-2
T	bearing width	25	0 / 200	720
r1s min.	minimal chamfer dimension	1.5		720
r2s min.	minimal chamfer dimension	1.5		720
r3s min.	minimal chamfer dimension	1.5		720
r4s min.	minimal chamfer dimension	1.5		720
d1	flange diameter of the inner ring	90.1	0 / -350	WERKSNORM
a	load application point	~23.8		
Da min.	mounting dimension	98		5418
Da max.	mounting dimension	103		5418
da max.	mounting dimension	78		5418
Db min.	mounting dimension	105		5418
db min.	mounting dimension	77		5418
Ca min.	mounting dimension	5		5418
Cb min.	mounting dimension	6		5418
ra max.	mounting dimension	1.5		5418
rb max.	mounting dimension	1.5		5418
e	calculation factor	0.43		281
Y	calculation factor	1.38		281
Y0	calculation factor	0.76		76

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

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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
	102000	18700	281	156000	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		

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