general data/description

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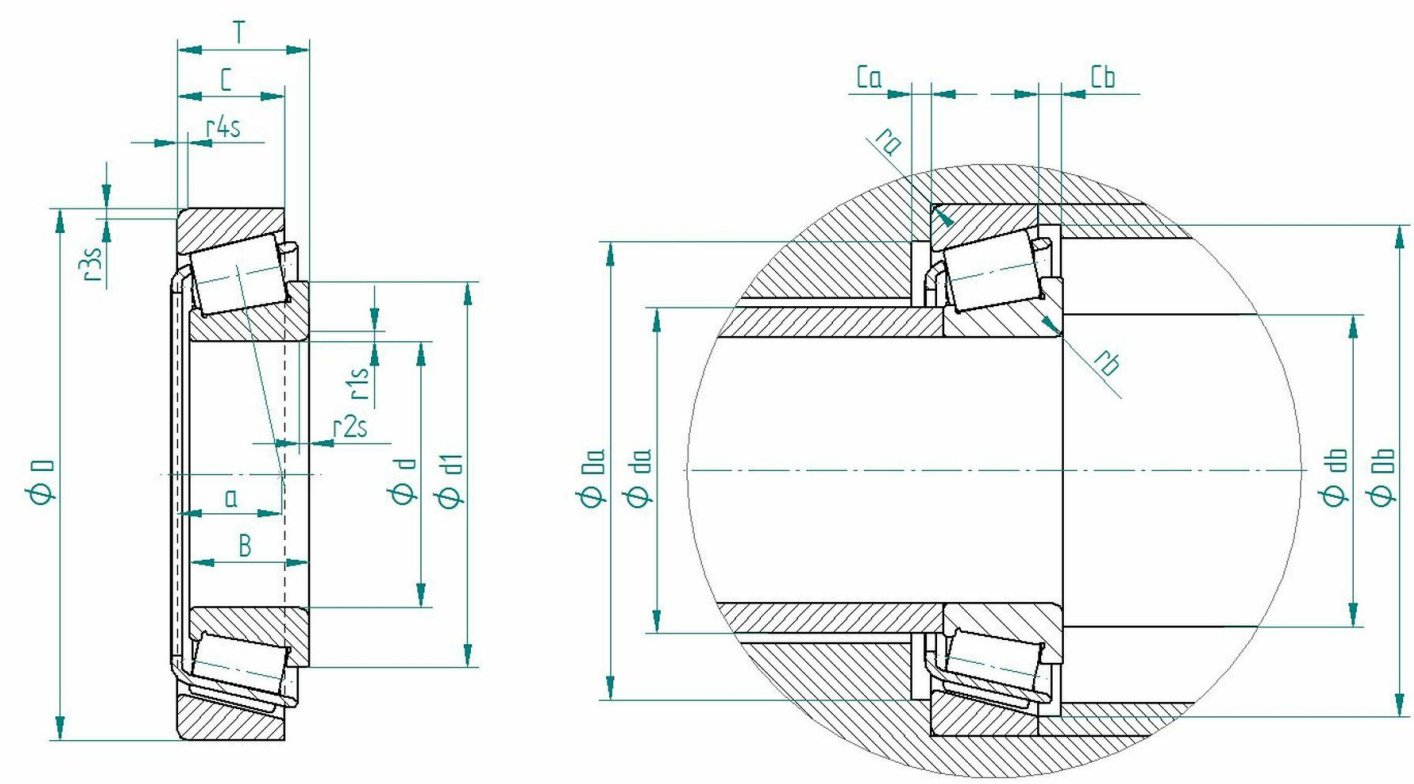
article 32017 X **Art-No.** 45458 **brand** SKA **weight/kg** 1.36

remark Description according ISO 355: T 4CC 085

description

32017	Size
X	Dimensions according to ISO 355

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	85	0 / -20	620-2
D	nominal outer diameter	130	0 / -20	620-2
B	inner ring width	29	0 / -200	620-2
C	outer ring width	22	0 / -200	620-2
T	bearing width	29	-200 / 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	107.5	0 / -350	WERKSNORM
a	load application point	28.1		
Da min.	mounting dimension	117		5418
Da max.	mounting dimension	122		5418
da max.	mounting dimension	94		5418
Db min.	mounting dimension	125		5418
db min.	mounting dimension	92		5418
Ca min.	mounting dimension	6		5418
Cb min.	mounting dimension	7		5418
ra max.	mounting dimension	1.5		5418
rb max.	mounting dimension	1.5		5418
e	calculation factor	0.44		
Y	calculation factor	1.36		
Y0	calculation factor	0.75		

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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**
	138000	25500		281	217000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		2600	3600			
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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