general data/description

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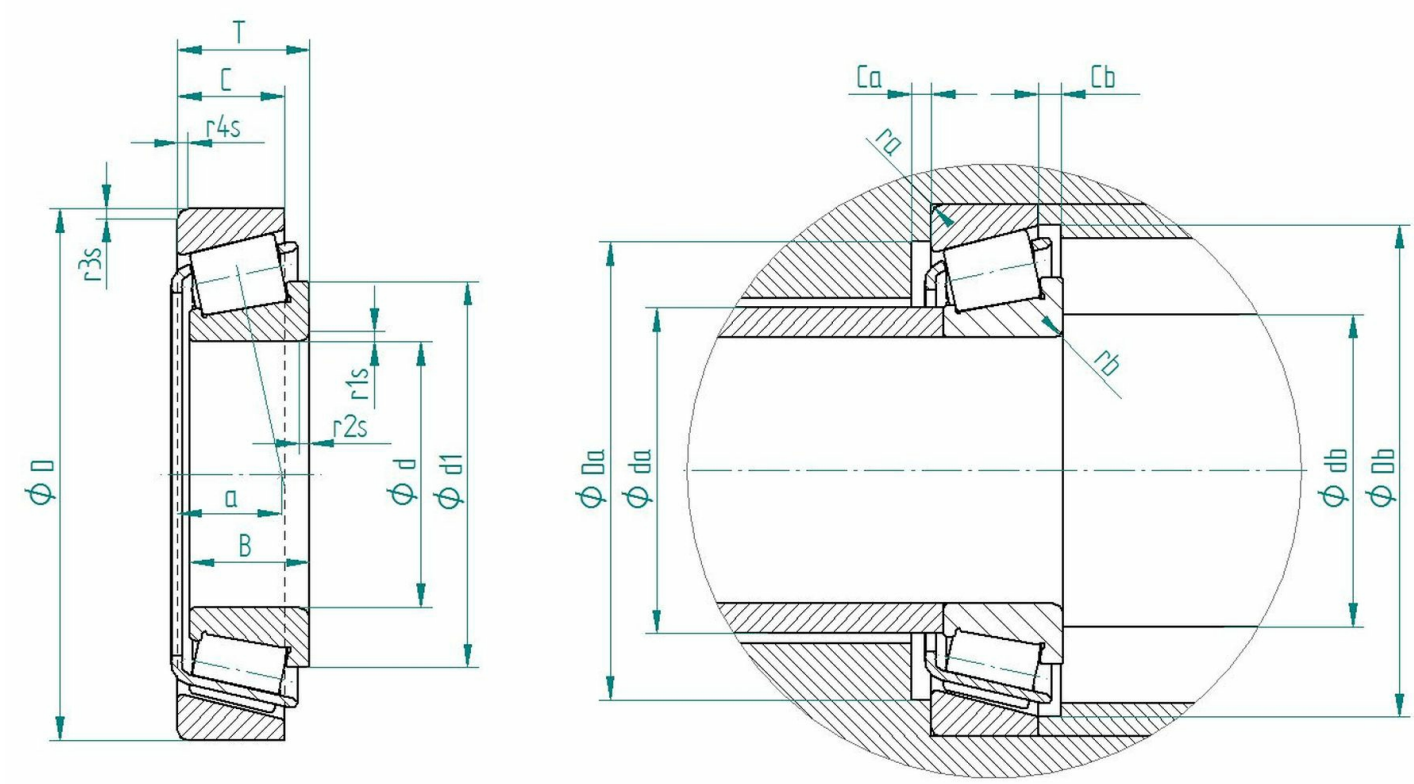
article 32018 X **Art-No.** 46156 **brand** SKA **weight/kg** 1.80

remark Description according ISO 355: T 3CC 090

description

32018	Size
X	Dimensions according to ISO 355

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	90	0 / -20	620-2
D	nominal outer diameter	140	0 / -20	620-2
B	inner ring width	32	0 / -200	620-2
C	outer ring width	24	0 / -200	620-2
T	bearing width	32	-200 / 200	720
r1s min.	minimal chamfer dimension	2		720
r2s min.	minimal chamfer dimension	2		720
r3s min.	minimal chamfer dimension	1.5		720
r4s min.	minimal chamfer dimension	1.5		720
d1	flange diameter of the inner ring	114.5	0 / -350	
a	load application point	30		
Da min.	mounting dimension	125		
Da max.	mounting dimension	131		
da max.	mounting dimension	100		
Db min.	mounting dimension	134		
db min.	mounting dimension	99		
Ca min.	mounting dimension	6		
Cb min.	mounting dimension	8		
ra max.	mounting dimension	1.5		
rb max.	mounting dimension	2		
e	calculation factor	0.4		
Y	calculation factor	1.4		
Y0	calculation factor	0.8		

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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**
	171000	30000		281	271000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		2400	3200			
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.