Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

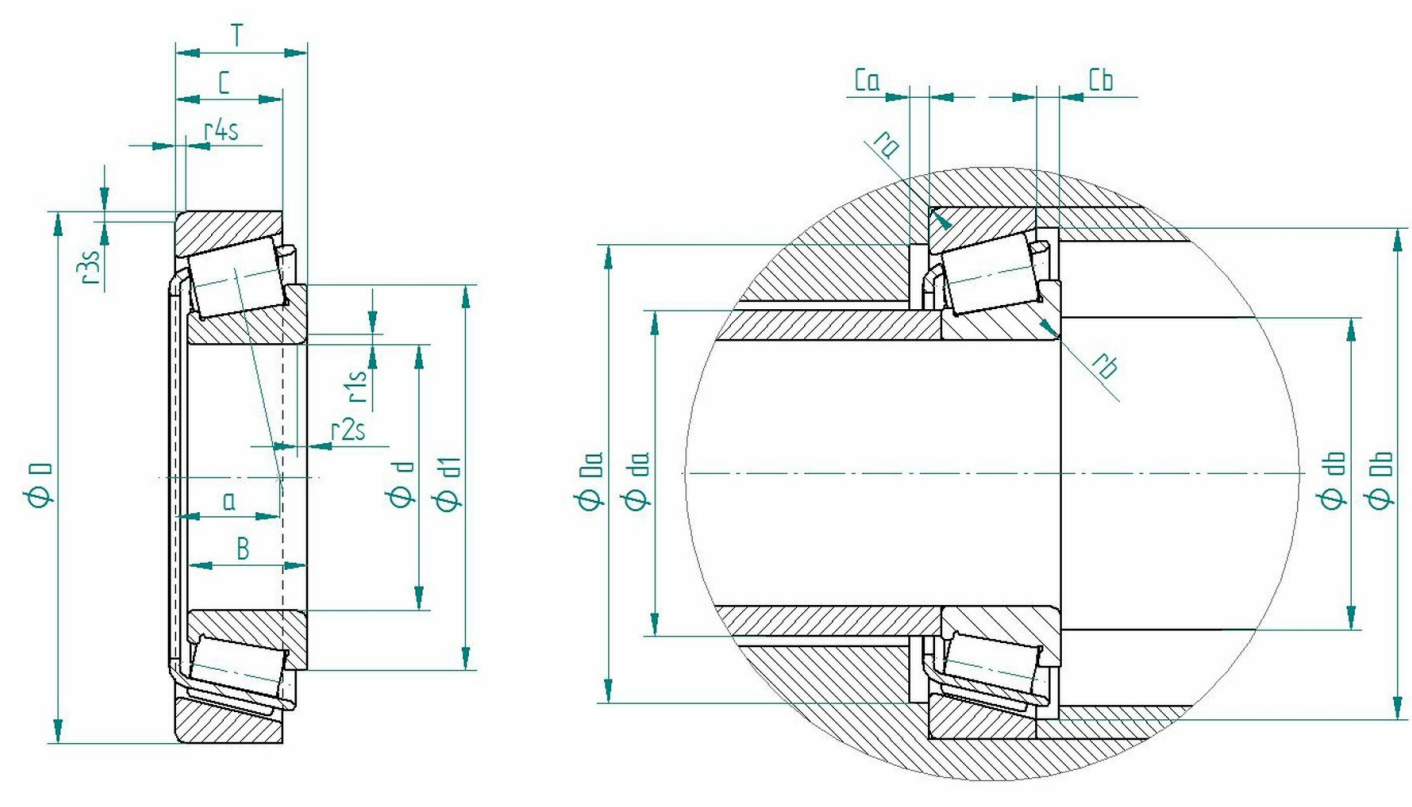
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article 30309 **Art-No.** 46285 **brand** SKA **weight/kg** 0.985

description **remark** Description according ISO 355: T 2FB 045

30309 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	45	0 / -12	620-2
D	nominal outer diameter	100	0 / -18	620-2
B	inner ring width	25	0 / -120	620-2
C	outer ring width	22	0 / -120	620-2
T	bearing width	27.25	0 / 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	70.8	0 / -300	WERKSNORM
a	load application point	21.5		
Da min.	mounting dimension	86		5418
Da max.	mounting dimension	91		5418
da max.	mounting dimension	59		5418
Db min.	mounting dimension	92		5418
db min.	mounting dimension	54		5418
Ca min.	mounting dimension	3		5418
Cb min.	mounting dimension	5		5418
ra max.	mounting dimension	1.5		5418
rb max.	mounting dimension	2		5418
e	calculation factor	0.35		
Y	calculation factor	1.7		
Y0	calculation factor	0.96		

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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**
	111000	14500		281	126000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		3800	5300			
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.