Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

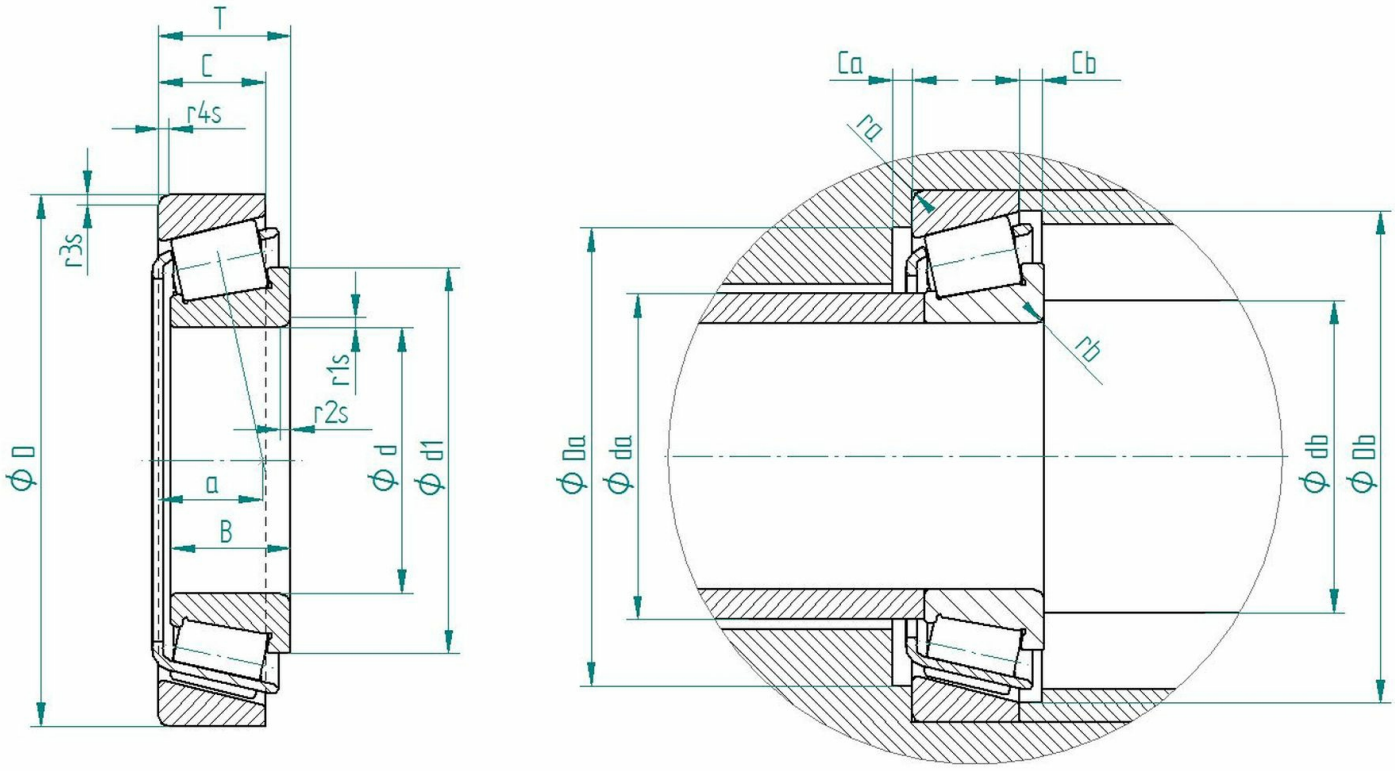
article 32207 - A **Art-No.** 50004 **brand** SKA **weight/kg** 0.445

remark Description according ISO 355: T 3DC 035

description

32207	Size
- A	changed interior design

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	35	0 / -12	620-2
D	nominal outer diameter	72	0 / -16	620-2
B	inner ring width	23	0 / -120	620-2
C	outer ring width	19	0 / -120	620-2
T	bearing width	24.25	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	52.9	0 / -300	WERKSNORM
a	load application point	17.9		
Da min.	mounting dimension	61		5418
Da max.	mounting dimension	65		5418
da max.	mounting dimension	43		5418
Db min.	mounting dimension	67		5418
db min.	mounting dimension	42		5418
Ca min.	mounting dimension	3		5418
Cb min.	mounting dimension	5.5		5418
ra max.	mounting dimension	1.5		5418
rb max.	mounting dimension	1.5		5418
e	calculation factor	0.38		
Y	calculation factor	1.6		
Y0	calculation factor	0.88		

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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**
	72400	10200		281	87300	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		5300	7100			
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.