Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

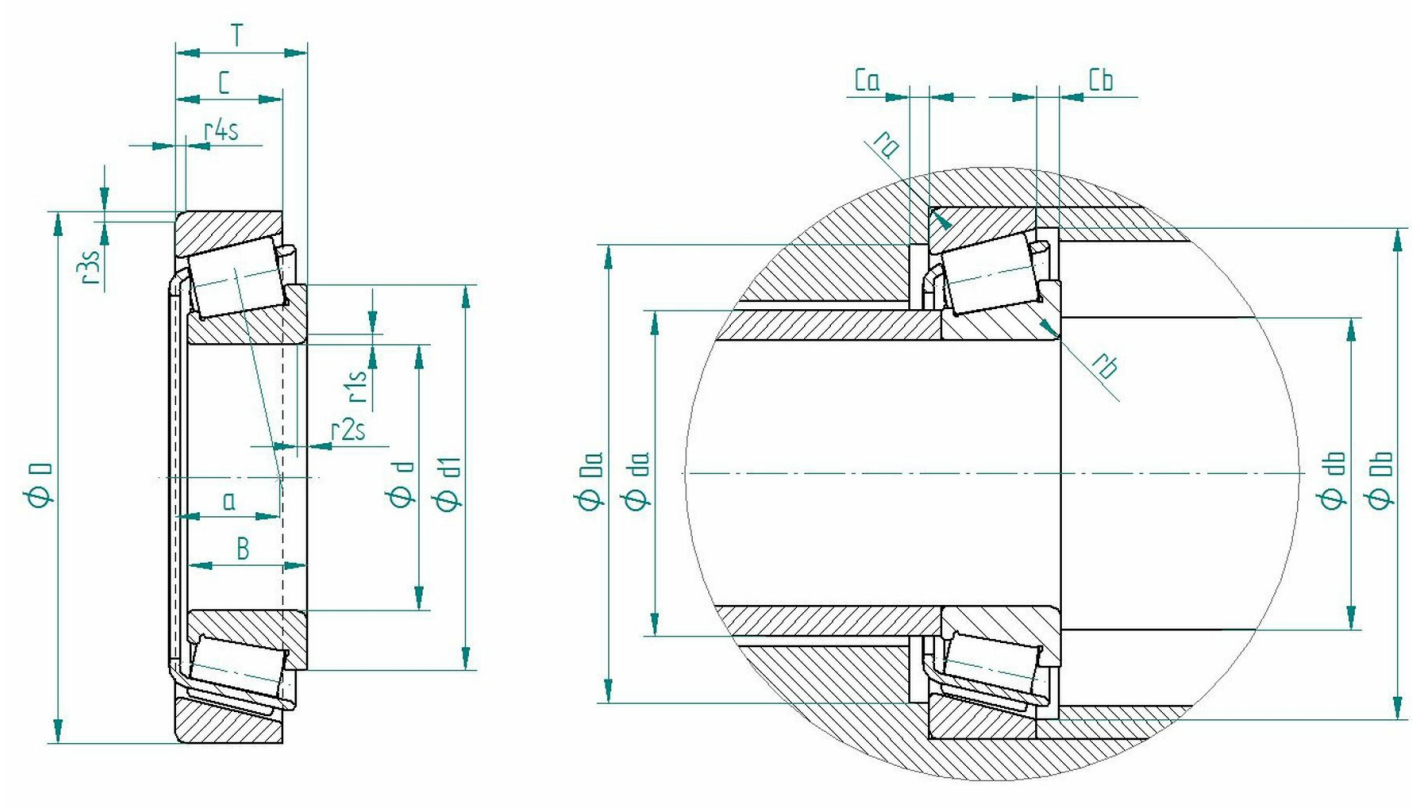
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article 33113 **Art-No.** 51872 **brand** SKA **weight/kg** 1.32

description
33113 Size

remark Description according ISO 355: T 3DE 065

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	65	0 / -15	620-2
D	nominal outer diameter	110	0 / -18	620-2
B	inner ring width	34	0 / -150	620-2
C	outer ring width	26.5	0 / -150	620-2
T	bearing width	34	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	89.2	0 / -350	WERKSNORM
a	load application point	26		
Da min.	mounting dimension	96		5418
Da max.	mounting dimension	103		5418
da max.	mounting dimension	73		5418
Db min.	mounting dimension	106		5418
db min.	mounting dimension	72		5418
Ca min.	mounting dimension	6		5418
Cb min.	mounting dimension	7.5		5418
ra max.	mounting dimension	1.5		5418
rb max.	mounting dimension	1.5		5418
e	calculation factor	0.39		
Y	calculation factor	1.55		
Y0	calculation factor	0.85		

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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**
	141000	26200		281	218000	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		

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.