Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

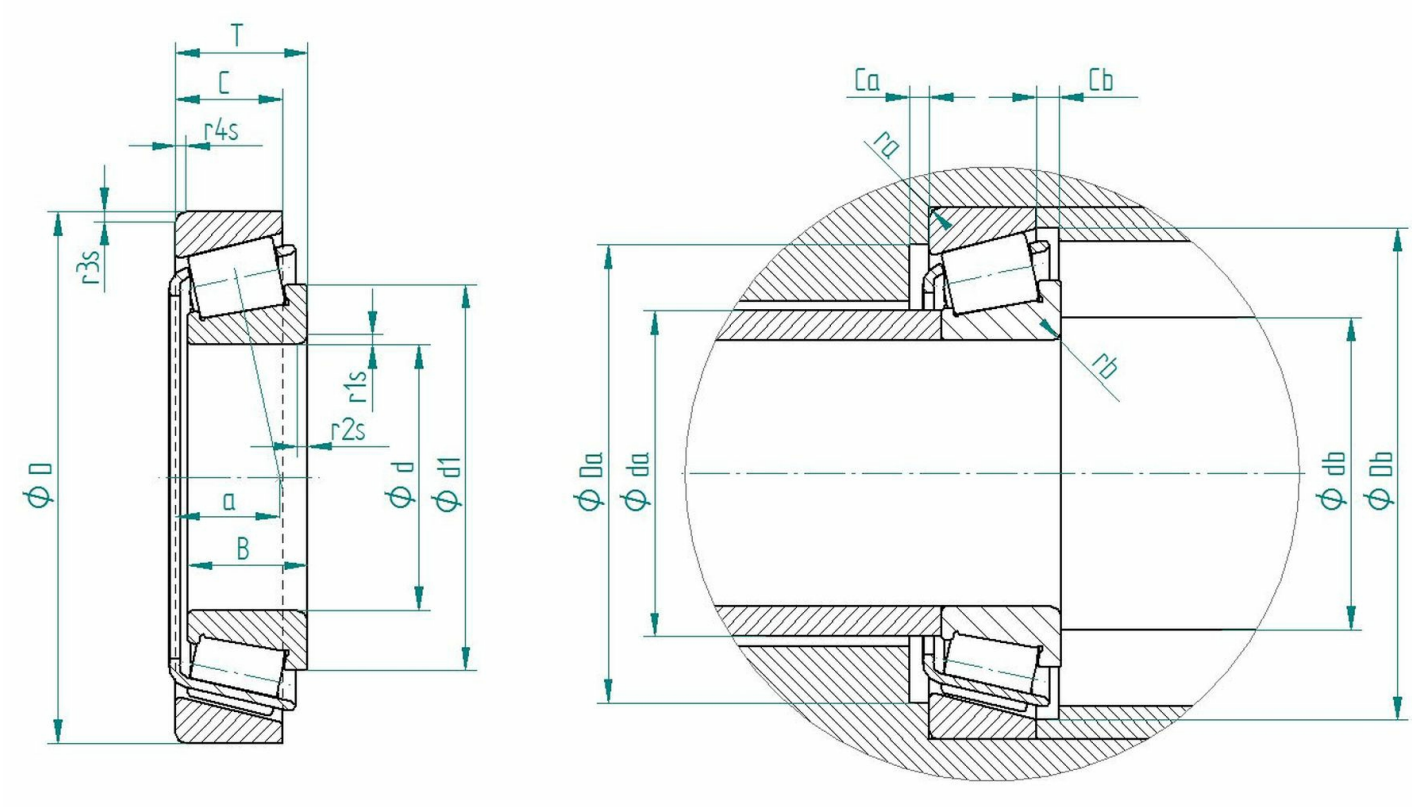
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article 31312 **Art-No.** 45620 **brand** SKA **weight/kg** 1.95

description **remark** Description according ISO 355: T 7FB 060

31312 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	60	0 / -15	620-2
D	nominal outer diameter	130	0 / -20	620-2
B	inner ring width	31	0 / -150	620-2
C	outer ring width	22	0 / -150	620-2
T	bearing width	33.5	0 / 200	720
r1s min.	minimal chamfer dimension	3		720
r2s min.	minimal chamfer dimension	3		720
r3s min.	minimal chamfer dimension	2.5		720
r4s min.	minimal chamfer dimension	2.5		720
d1	flange diameter of the inner ring	95	0 / -350	
a	load application point	40.1		
Da min.	mounting dimension	103		5418
Da max.	mounting dimension	118		5418
da max.	mounting dimension	73		5418
Db min.	mounting dimension	123		5418
db min.	mounting dimension	72		5418
Ca min.	mounting dimension	5		5418
Cb min.	mounting dimension	11.5		5418
ra max.	mounting dimension	2.5		5418
rb max.	mounting dimension	3		5418
e	calculation factor	0.83		
Y	calculation factor	0.73		
Y0	calculation factor	0.4		

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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**
	152000	20300		281	177000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		2600	3800			
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.