Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

created: 22.03.2017 / 03

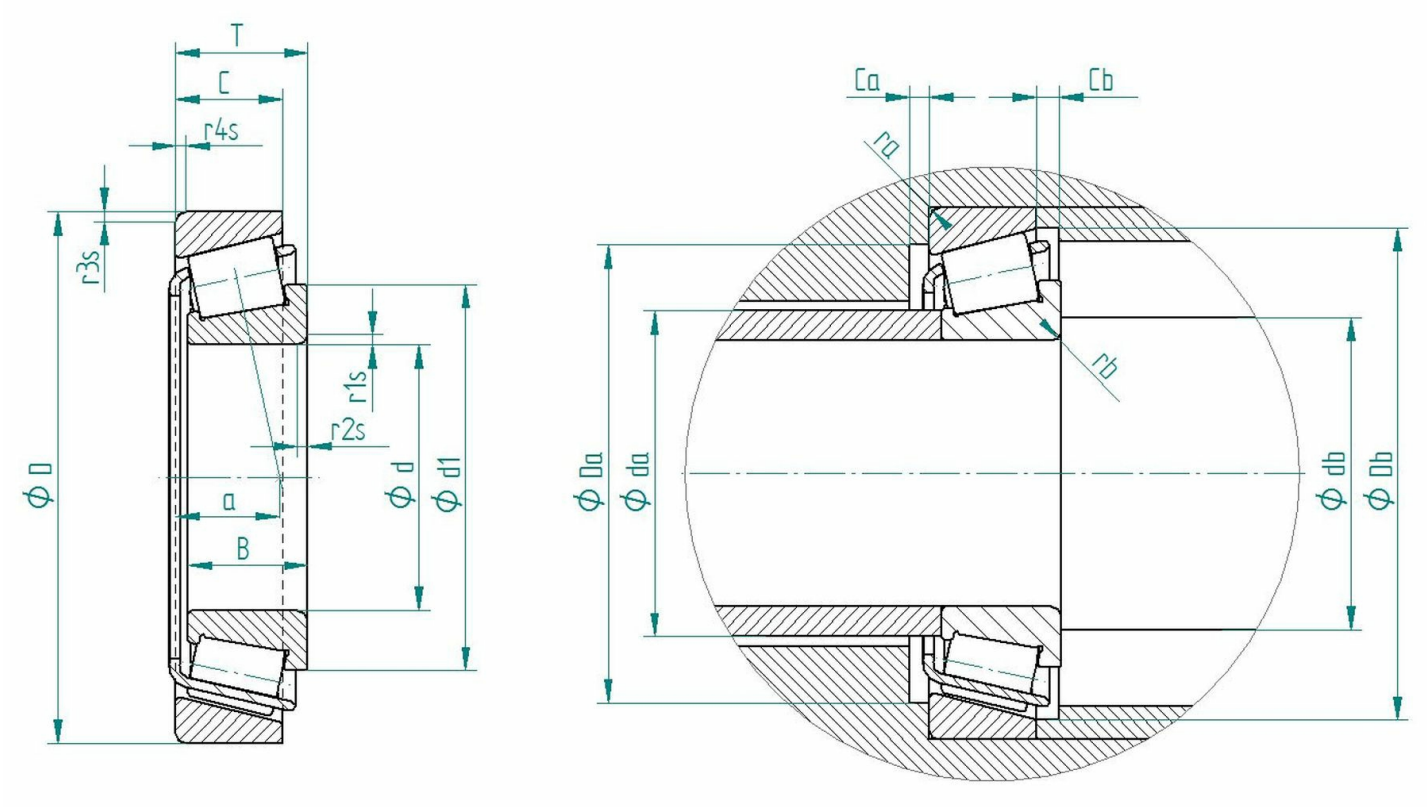
article 32214 **Art-No.** 48240 **brand** SKA **weight/kg** 1.60

remark Description according ISO 355: T 3EC 070

description

32214 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	70	0 / -15	620-2
D	nominal outer diameter	125	0 / -20	620-2
B	inner ring width	31	0 / -150	620-2
C	outer ring width	27	0 / -150	620-2
T	bearing width	33.25	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	95.9	0 / -350	
a	load application point	28.8		
Da min.	mounting dimension	108		
Da max.	mounting dimension	116		
da max.	mounting dimension	80		
Db min.	mounting dimension	119		
db min.	mounting dimension	79		
Ca min.	mounting dimension	4		
Cb min.	mounting dimension	6		
ra max.	mounting dimension	2		
rb max.	mounting dimension	1.5		
e	calculation factor	0.42		
Y	calculation factor	1.43		
Y0	calculation factor	0.79		

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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**
	164000	24000		281	217000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		2800	4000			
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		

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