general data/description

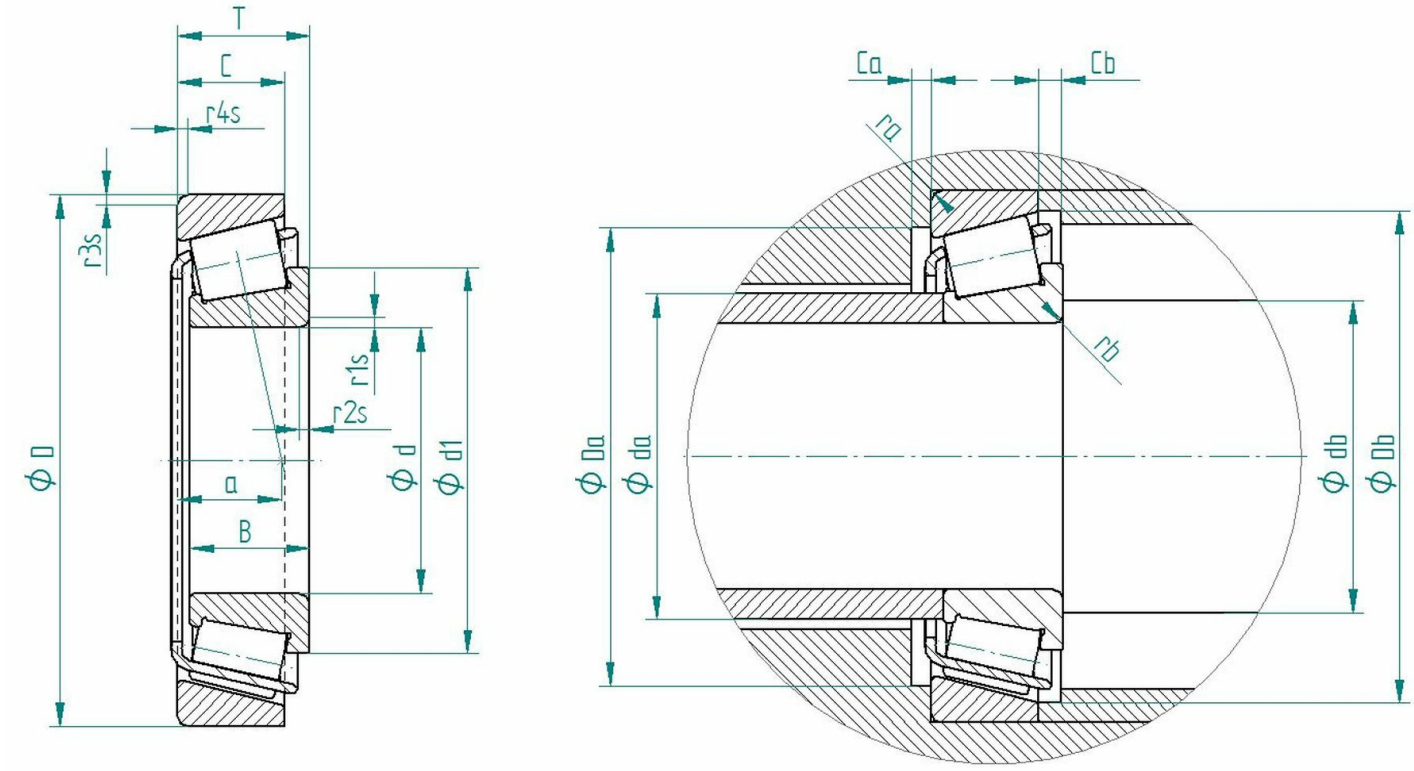
created: 28.02.2017 / 04 page: 1 / 2

article LM 11749/10 **Art-No.** 46987 **brand** SKA **weight/kg** 0.088

description

LM	Design
11749/10	Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	17.462	0 / 13	
D	nominal outer diameter	39.878	0 / 25	
B	inner ring width	14.605	-254 / 76	
C	outer ring width	10.668	-254 / 51	
T	bearing width	13.843	0 / 203	
r1s min.	minimal chamfer dimension	1.3	0 / 380	
r2s min.	minimal chamfer dimension	1.3	0 / 890	
r3s min.	minimal chamfer dimension	1.3	0 / 580	
r4s min.	minimal chamfer dimension	1.3	0 / 1070	
d1	flange diameter of the inner ring	28		
a	load application point	8.5		
Da min.	mounting dimension	34		
Da max.	mounting dimension	-		
da max.	mounting dimension	21.5		
Db min.	mounting dimension	37		
db min.	mounting dimension	23		
Ca min.	mounting dimension	3		
Cb min.	mounting dimension	3		
ra max.	mounting dimension	1.3		
rb max.	mounting dimension	1.3		
e	calculation factor	0.29		
Y	calculation factor	2.1		
Y0	calculation factor	1.1		

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article LM 11749/10 **Art-No.** 46987

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	22600	2200	281	22700	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		10000	13000

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	St12		

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