general data/description

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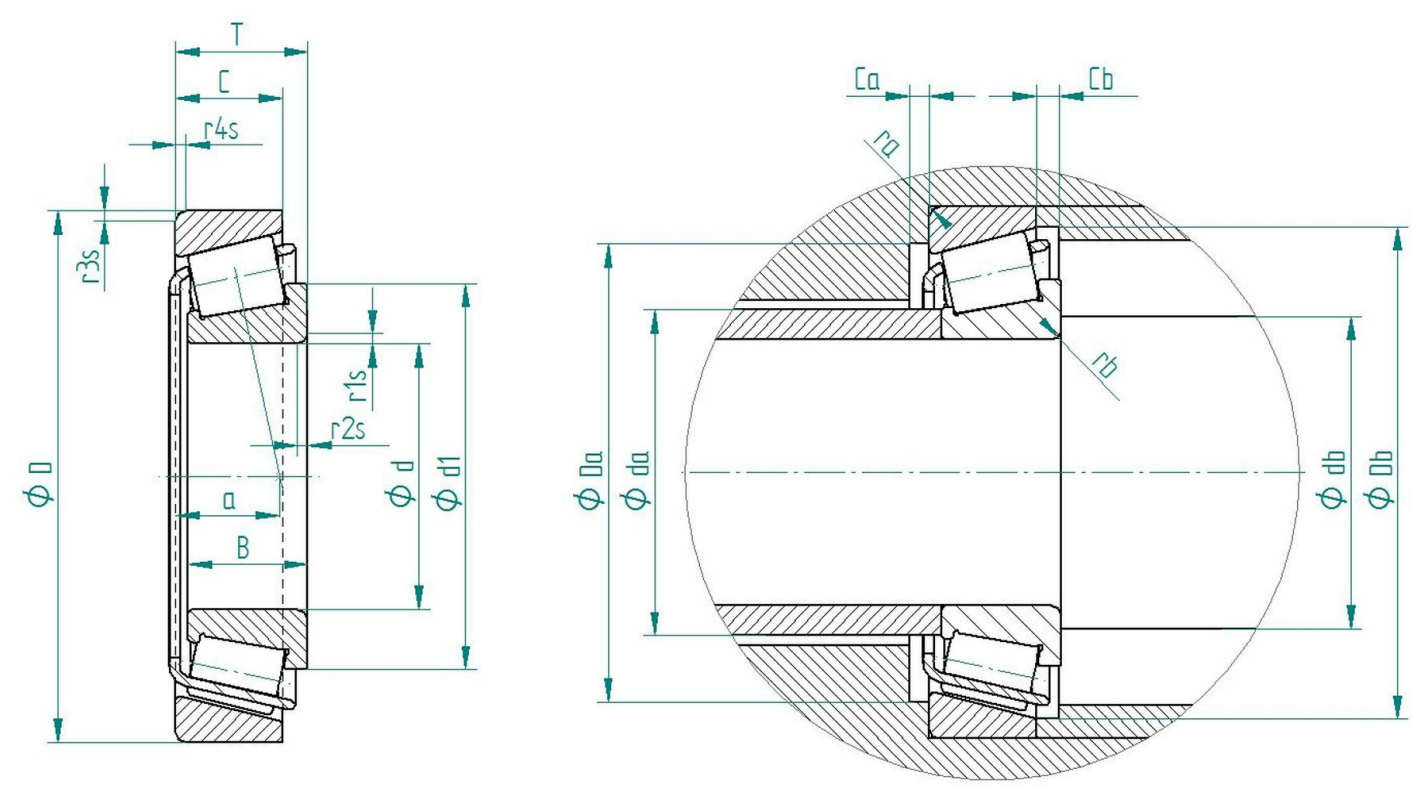
article 32005 X HQS **Art-No.** 50626 **brand** SKA **weight/kg** 0.12

remark Description according ISO 355: T 4CC 025

description

32005	Size
X	Dimensions according to ISO 355
HQS	Material

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / -12	620-2
D	nominal outer diameter	47	0 / -14	620-2
B	inner ring width	15	0 / -120	620-2
C	outer ring width	11.5	0 / -120	620-2
T	bearing width	15	0 / 200	720
r1s min.	minimal chamfer dimension	0.6		720
r2s min.	minimal chamfer dimension	0.6		720
r3s min.	minimal chamfer dimension	0.6		720
r4s min.	minimal chamfer dimension	0.6		720
d1	flange diameter of the inner ring	36.3	0 / -250	WERKSNORM
a	load application point	11.6		
Da min.	mounting dimension	40		5418
Da max.	mounting dimension	42		5418
da max.	mounting dimension	30		5418
Db min.	mounting dimension	44		5418
db min.	mounting dimension	30		5418
Ca min.	mounting dimension	3		5418
Cb min.	mounting dimension	3.5		5418
ra max.	mounting dimension	0.6		5418
rb max.	mounting dimension	0.6		5418
e	calculation factor	0.43		
Y	calculation factor	1.39		
Y0	calculation factor	0.77		

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article 32005 X HQS **Art-No.** 50626

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	27300	3960	281	33200	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		7900	11000

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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