general data/description

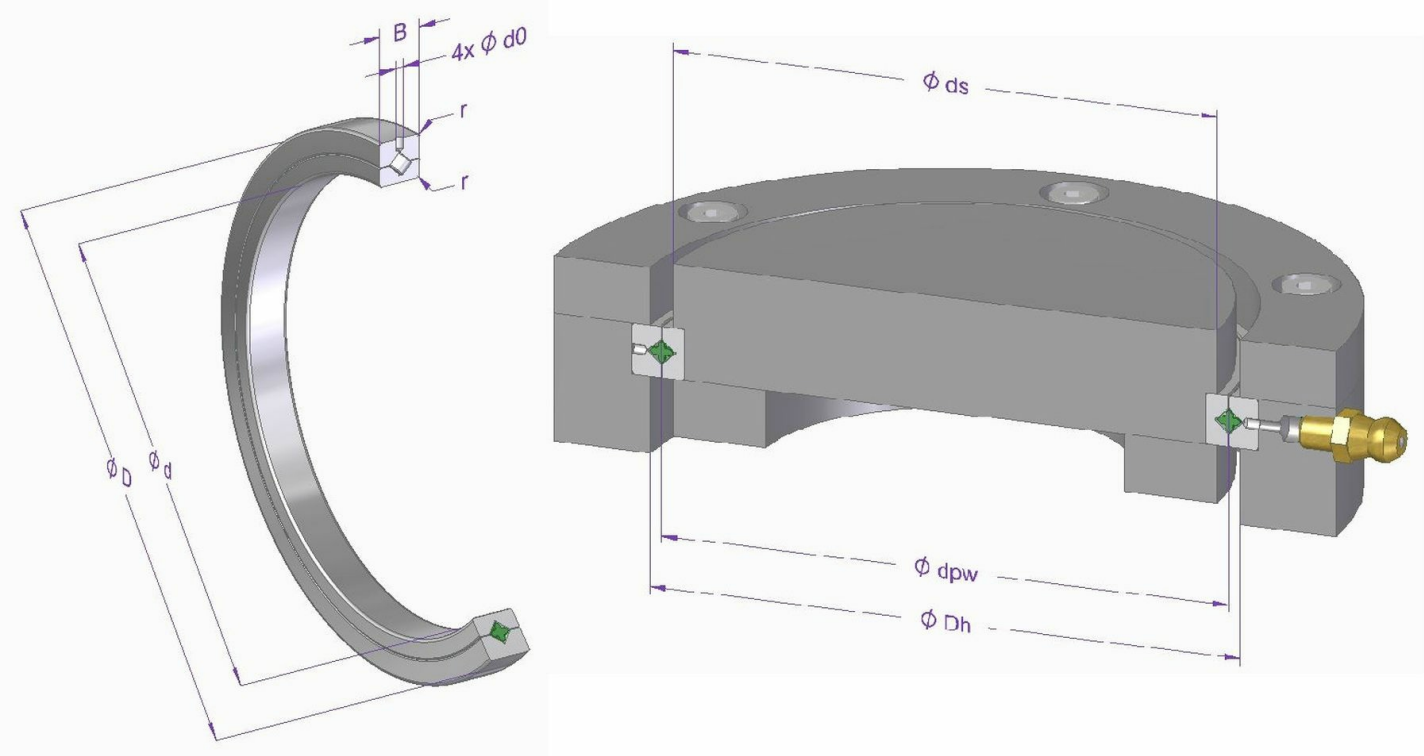
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article RA 9008C CC0 **Art-No.** 47447 **brand** SKA **weight/kg** 0.12

description

RA	Design
9008C	Size
CC0	Internal clearance

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	90	-20 / 0	620-2
D	nominal outer diameter	106	-15 / 0	620-2
B	width	8	-120 / 0	620-2
r min.	minimal chamfer dimension	0.5		
d0	diameter lubrication hole	1.5		
ds max.	mounting dimension	93.5		
Dh min.	mounting dimension	100.5		
dpw	Roll center circle	97		
Ca [N]	dynamic load rating, axial	7750		
C0a [N]	static load capacity, axial	30500		
Cua [N]	fatigue limit load, axial	3180		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	6890	1560	281	12200	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		710	1020

operating temperature	max. [°C]	min. [°C]
	120	-20

bearing clearance	radial min. [µm]	max. [µm]
	-8	0

article RA 9008C CC0 **Art-No.** 47447

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Cylindrical rollers	100Cr6	683-17	58-65
Spacer	PA1010		

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