Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article 61907 ZZ C3 NS7 **Art-No.** 48502 **brand** SKA **weight/kg** 0.075

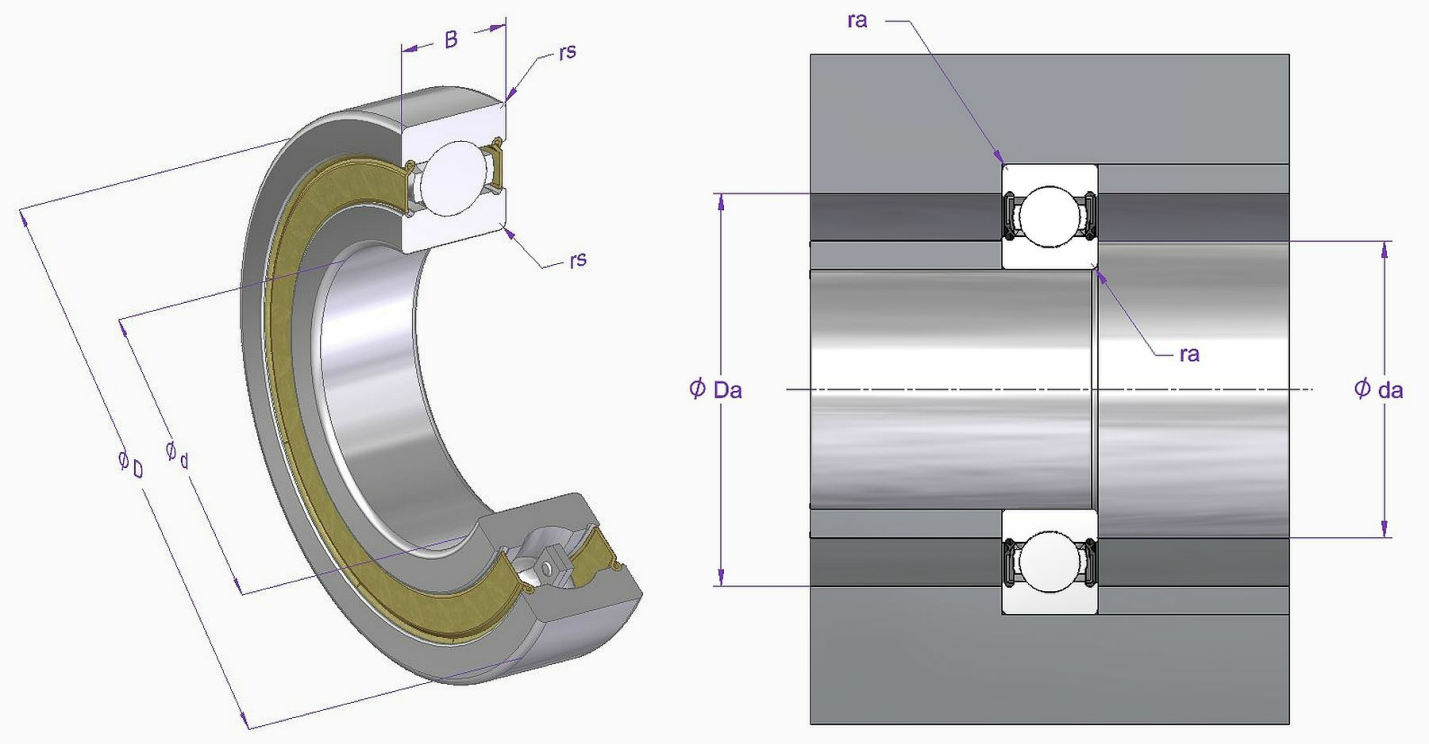
description

61907	Size
ZZ	Shields on both sides, not touching
C3	Internal clearance

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	35	0 / -12	620-2
D	nominal outer diameter	55	0 / -13	620-2
B	width	10	0 / -120	620-2
rs min.	minimal chamfer dimension	0.6		616
da min.	mounting dimension	38.2		5418
Da max.	mounting dimension	51.8		5418
ra max.	mounting dimension	0.6		5418
C3	internal clearance	0.015 / 0.033		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	11500	374	281	7190	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		12000	

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

bearing clearance	radial min. [µm]	max. [µm]
	15	33

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material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Balls	100Cr6	683-17	58-66
Cage	St12		
Shields	St12		

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