Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

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article 61909 ZZ AV2 **Art-No.** 7683 **brand** **weight/kg** 0.13

remark All data according to manufacturer catalog.

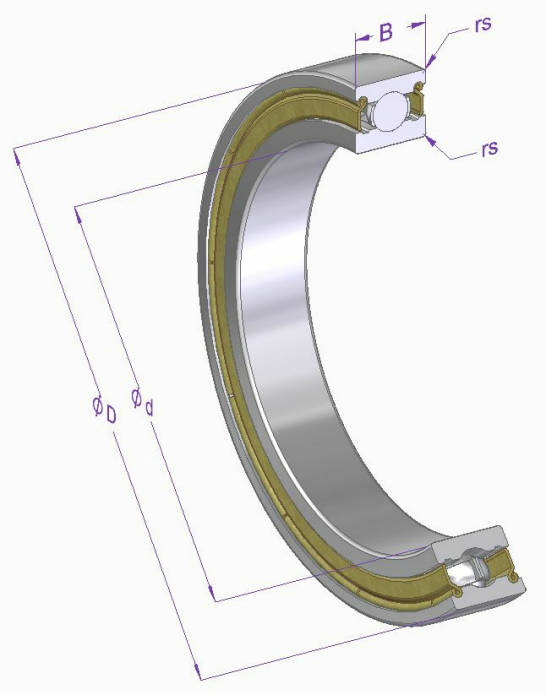
description

61909	Size
ZZ	Shields on both sides, not touching

greasing

AV2	SHELL ALVANIA 2

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	45	0 / -12	620-2
D	nominal outer diameter	68	0 / -13	620-2
B	width	12	0 / -120	620-2
rs min.	minimal chamfer dimension	0.6		616

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	14100		281	10900	76

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

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

bearing clearance	radial min. [µm]	max. [µm]
	6	23

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	58-65
Cage	St12		
Shields	Sheet steel	683-17	58-65

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