general data/description

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article 6207 NR AV0982 **Art-No.** 51072 **brand** SKA **weight/kg** 0.28

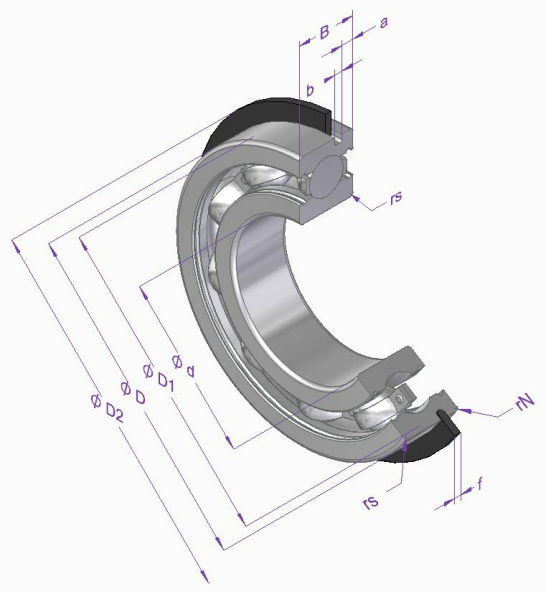
description

6207	Size
NR	Groove + ring

greasing

AV0982	SHELL ALVANIA AV0982

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	35	0 / -12	620-2
D	nominal outer diameter	72	0 / -13	620-2
B	width	17	0 / -120	620-2
D1	groove diameter	68.81		616
D2 max.	snap ring diameter mounted	78.6		5417
a	groove distance front side	3.28		616
b	groove width	1.9		616
rs min.	minimal chamfer dimension	1.1		625-1
rN	chamfer dimension groove side	0.5		616
f	snap ring width	1.7	0 / -100	5417

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	25700	790	281	15300	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		9500	

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

bearing clearance	radial min. [µm]	max. [µm]
	6	20

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		
Snap ring	56Mn4		

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