general data/description

created: 12.12.2022 / 01 page: 1 / 2

article 6212 NR AV0982 **Art-No.** 52730 **brand** SKA **weight/kg** 0.82

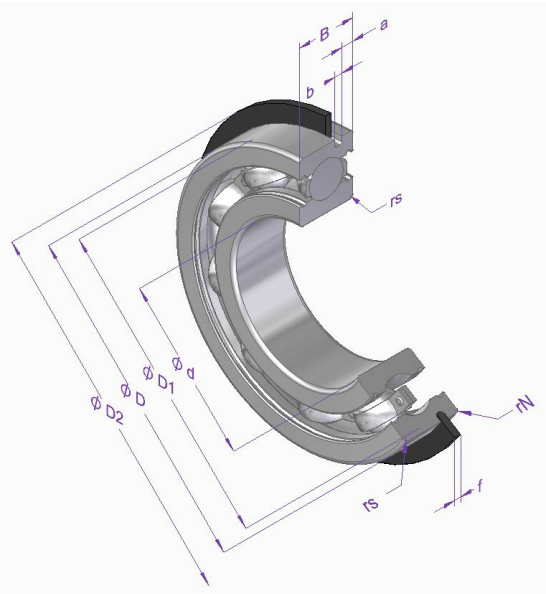
description

6212	Size
NR	Groove + ring

greasing

AV0982	SHELL ALVANIA AV0982

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	60	0 / -15	620-2
D	nominal outer diameter	110	0 / -15	620-2
B	width	22	0 / -150	620-2
D1	groove diameter	106.81		616
D2 max.	snap ring diameter mounted	116.6		5417
a	groove distance front side	3.28		616
b	groove width	2.7		616
rs min.	minimal chamfer dimension	1.5		625-1
rN	chamfer dimension groove side	0.5		616
f	snap ring width	2.46	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
	47800	1710	281	33000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		5600	7100

operating temperature	max. [°C]	min. [°C]
	80	-50

bearing clearance	radial min. [µm]	max. [µm]
	8	28

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	5417	

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 6212 NR AV0982 **Art-No.** 52730

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