Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article 6001 ZZ NR NS7 **Art-No.** 49214 **brand** SKA **weight/kg** 0.022

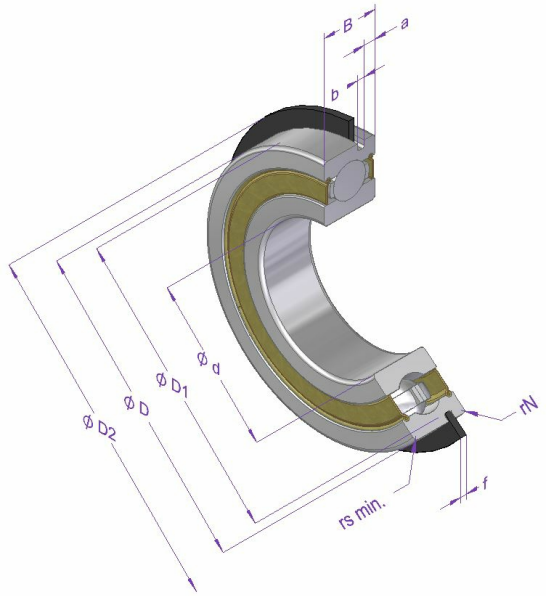
description

6001	Size
ZZ	Shields on both sides, not touching
NR	Groove + ring

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	12	0 / -8	620-2
D	nominal outer diameter	28	0 / -9	620-2
B	width	8	0 / -120	620-2
D1	groove diameter	26.7		616
D2 max.	snap ring diameter mounted	30.8		
a	groove distance front side	1.73		616
b	groove width	0.95		616
rs min.	minimal chamfer dimension	0.3		625-1
rN	chamfer dimension groove side	0.3		616
f	snap ring width	0.85	0 / -100	

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	5120	120	281	2390	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		28000	

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

bearing clearance	radial min. [µm]	max. [µm]
	3	18

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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	58-65
Cage	St12		
Shields	Sheet steel		
Snap ring	56Mn4		

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