Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 10.09.2018 / 01

article 6202 ZZ NR NS7 **Art-No.** 49853 **brand** SKA **weight/kg** 0.045

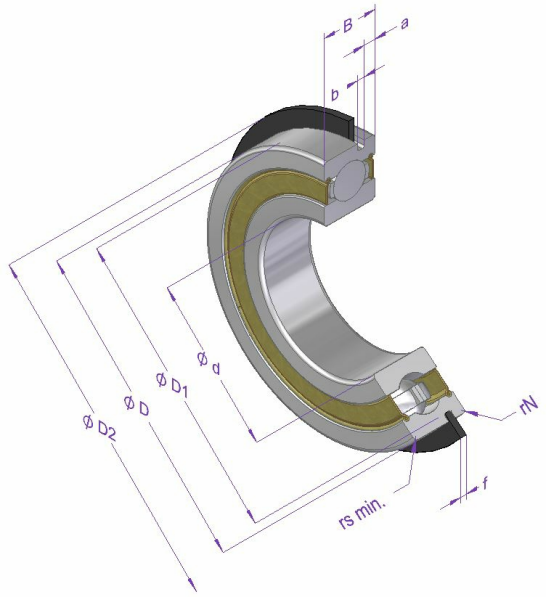
description

6202	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	15	0 / -8	620-2
D	nominal outer diameter	35	0 / -11	620-2
B	width	11	0 / -120	620-2
D1	groove diameter	33.17		616
D2 max.	snap ring diameter mounted	39.7		5417
a	groove distance front side	2.06		616
b	groove width	1.35		616
rs min.	minimal chamfer dimension	0.6		625-1
rN	chamfer dimension groove side	0.5		616
f	snap ring width	1.12	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
	7640	190	281	3730	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		20000	24000

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

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

article 6202 ZZ NR NS7 **Art-No.** 49853

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	5417	

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