general data/description

created: 27.08.2021 / 01 page: 1 / 2

article 6203 ZZ C3 NR NS7 **Art-No.** 51865 **brand** SKA **weight/kg** 0.065

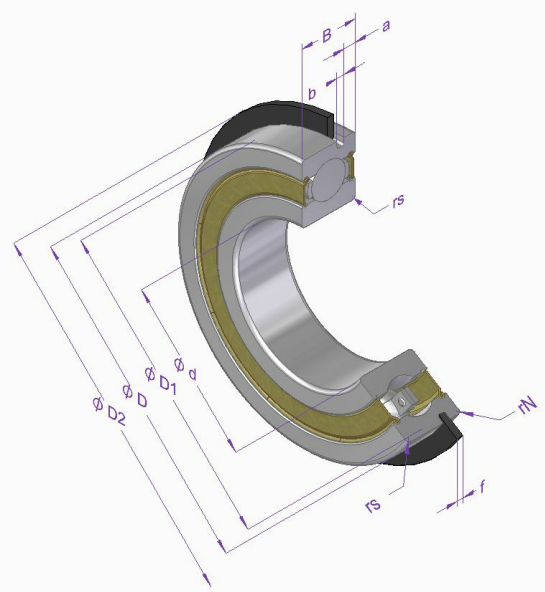
description

6203	Size
ZZ	Shields on both sides, not touching
C3	Internal clearance
NR	Groove + ring

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	17	0 / -8	620-2
D	nominal outer diameter	40	0 / -11	620-2
B	width	12	0 / -120	620-2
D1	groove diameter	38.1		616
D2 max.	snap ring diameter mounted	44.6		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
C3	internal clearance	0.011 / 0.025		620-4

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	9570	250	281	4800	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		17000	

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

bearing clearance	radial min. [µm]	max. [µm]
	11	25

article 6203 ZZ C3 NR NS7 **Art-No.** 51865

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	St12		
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.