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general data/description

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article 6005 ZZ C3 NR NS7 **Art-No.** 49014 **brand** SKA **weight/kg** 0.08

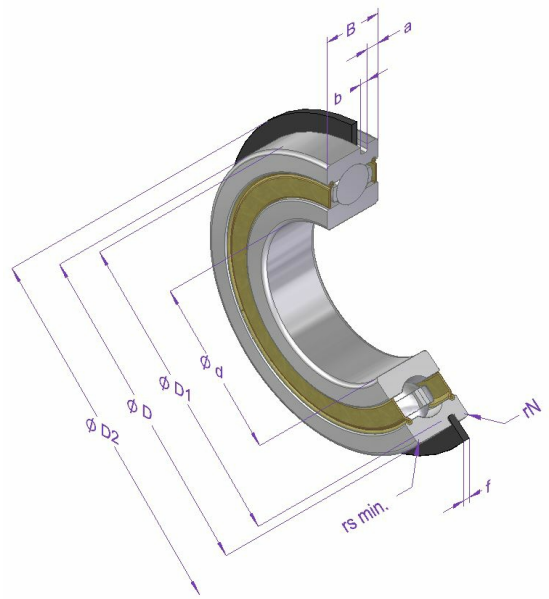
description

6005	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	25	0 / -10	620-2
D	nominal outer diameter	47	0 / -11	620-2
B	width	12	0 / -120	620-2
D1	groove diameter	44.6		616
D2 max.	snap ring diameter mounted	52.7		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
C3	internal clearance	0.013 / 0.028		620-4

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	10100	300	281	5860	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		15000	

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

bearing clearance	radial min. [µm]	max. [µm]
	13	28

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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		
Snap ring	56Mn4	5417	
Shields	Sheet steel		

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