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data sheet

general data/description

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article 6309 2RS C3 NS7 **Art-No.** 51112 **brand** SKA **weight/kg** 0.835

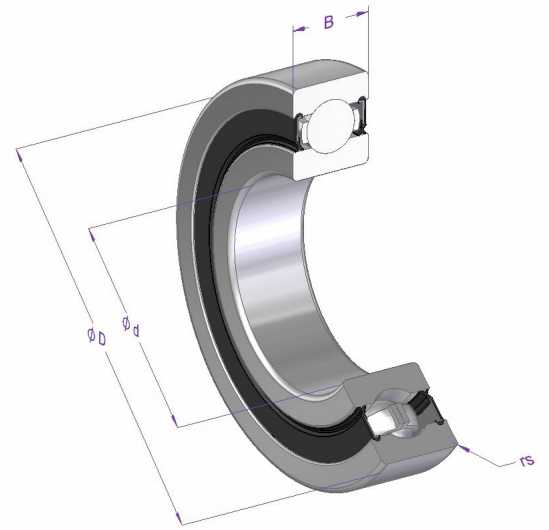
description

6309	Size
2RS	Sealing washers on both sides, touching
C3	Internal clearance

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	45	0 / -12	620-2
D	nominal outer diameter	100	0 / -15	620-2
B	width	25	0 / -120	620-2
rs min.	minimal chamfer dimension	1.5		625-1
C3	internal clearance	0.018 / 0.036		620-4

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	48800	1530	281	29400	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4800	

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

bearing clearance	radial min. [µm]	max. [µm]
	18	36

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		
Sealing washers	St12/NBR		

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