Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 02.06.2022 / 01

article 61806 2RS C3 NS7 **Art-No.** 40558 **brand** SKA **weight/kg** 0.026

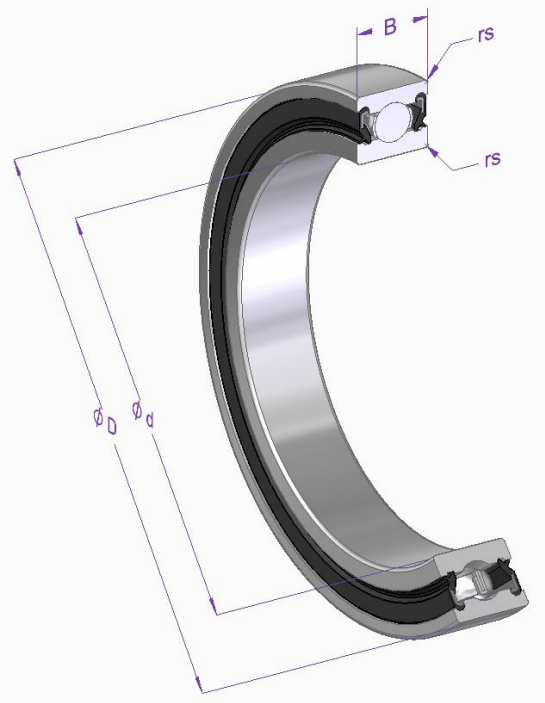
description

61806	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	30	0 / -10	620-2
D	nominal outer diameter	42	0 / -11	620-2
B	width	7	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		625-1
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
	4000	160	281	3200	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		9000	

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

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

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	Sheet steel		
Sealing washers	Sheet steel/NBR		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 61806 2RS C3 NS7 **Art-No.** 40558

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