Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article 6205 2RS C3 TN SN24 BG2 **Art-No.** 51130

brand SKA **weight/kg** 0.128

remark Speed limit due to the seal.

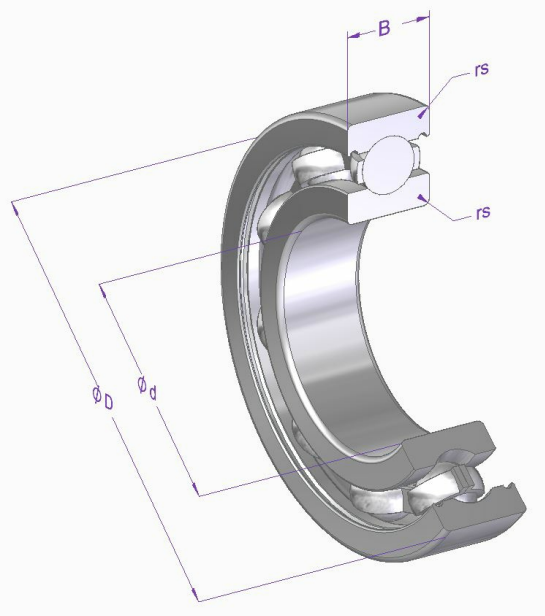
description

6205	Size
2RS	Sealing washers on both sides, touching
C3	Internal clearance
TN	Plastic cage
SN24	Ceramic rolling

greasing

BG2	KLUEBER PETAMO GY193

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / -10	620-2
D	nominal outer diameter	52	0 / -13	620-2
B	width	15	0 / -120	620-2
rs min.	minimal chamfer dimension	1		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
	14000	280	281	5510	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	Si3N4		
Käfig	PA66 + GF25		
Dichtscheiben	St12/NBR		

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