Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 11.01.2022 / 03

article 6001 2RS INOX DRY QG BH3 **Art-No.** 51535

brand SKA **weight/kg** 0.0184

remark Food safe grease according FDA H1. DRY: no anti-corrosion oil. QG = Greasing 12.5% - 17.5% of free bearing space.

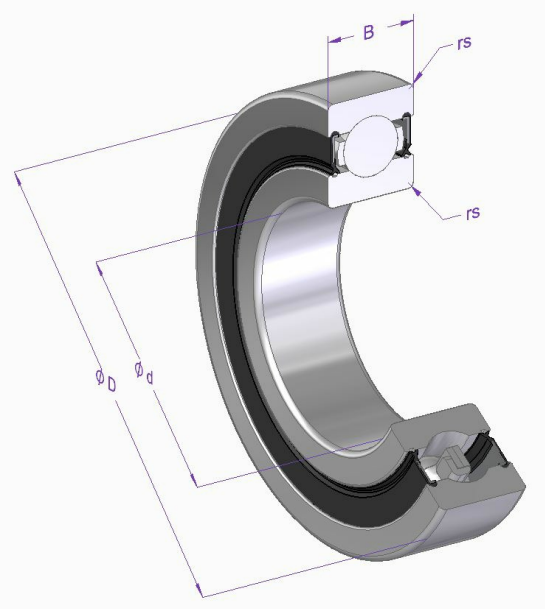
description

6001	Size
2RS	Sealing washers on both sides, touching
INOX	Stainless steel
DRY QG	Without preserving agent on outer surfaces, QG: Grease quantity

greasing

BH3	KLÜBER SYNTH UH1 14-222

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	12	0 / -8	620-2
D	nominal outer diameter	28	0 / -9	620-2
B	width	8	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		625-1

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	5110	110	281	2220	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		16000	

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

bearing clearance	radial min. [µm]	max. [µm]
	3	18

material specification

description	material	DIN/ISO	hardness
Inner ring	SUS440C		58-65
Outer ring	SUS440C		58-65
Balls	4Cr13		58-66
Cage	SUS304		
Sealing washers	Sheet steel INOX/NBR		

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