Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article 6202 Z TN BI1 **Art-No.** 47448 **brand** SKA **weight/kg** 0.045

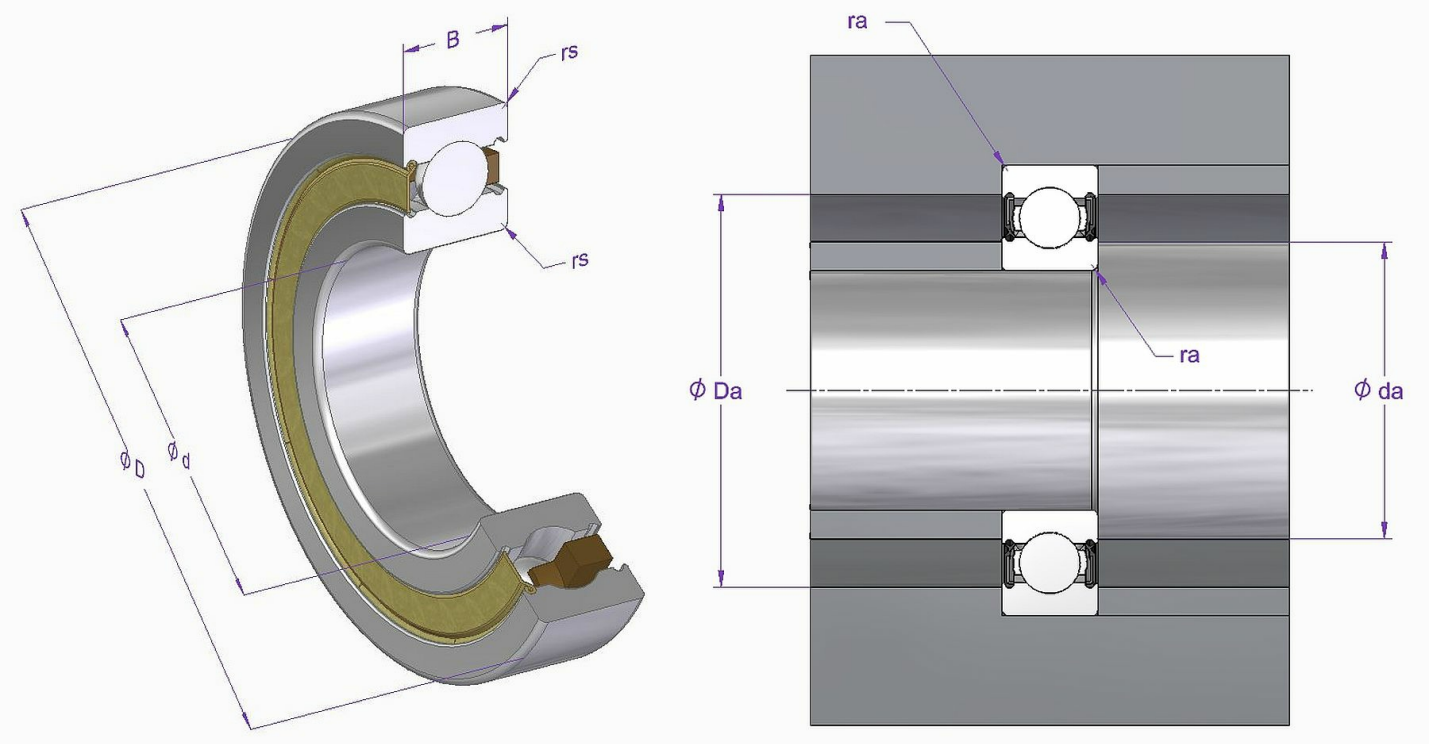
description

6202	Size
Z	Shield on one side, not touching
TN	Plastic cage

greasing

BI1	KLÜBER ISOFLEX SUPER LDS 18

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	15	0 / -8	620-2
D	nominal outer diameter	35	0 / -11	620-2
B	width	11	0 / -120	620-2
rs min.	minimal chamfer dimension	0.6		625-1
da min.	mounting dimension	19.2		5418
Da max.	mounting dimension	30.8		5418
ra max.	mounting dimension	0.6		5418

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	8440	190	281	3700	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		20000	

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

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

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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	58-66
Cage	PA66		
Shield	St12		

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