general data/description

created: 05.08.2025 / 01 page: 1 / 2

article 2203 TN 2RS LX5 **Art-No.** 54402 **brand** SKA **weight/kg** 0.088

remark Y-Faktoren: Y1: Fa/Fr <= e / Y2: Fa/Fr > e / X-Faktoren: X1: Fa/Fr <= e / X2: Fa/Fr > e

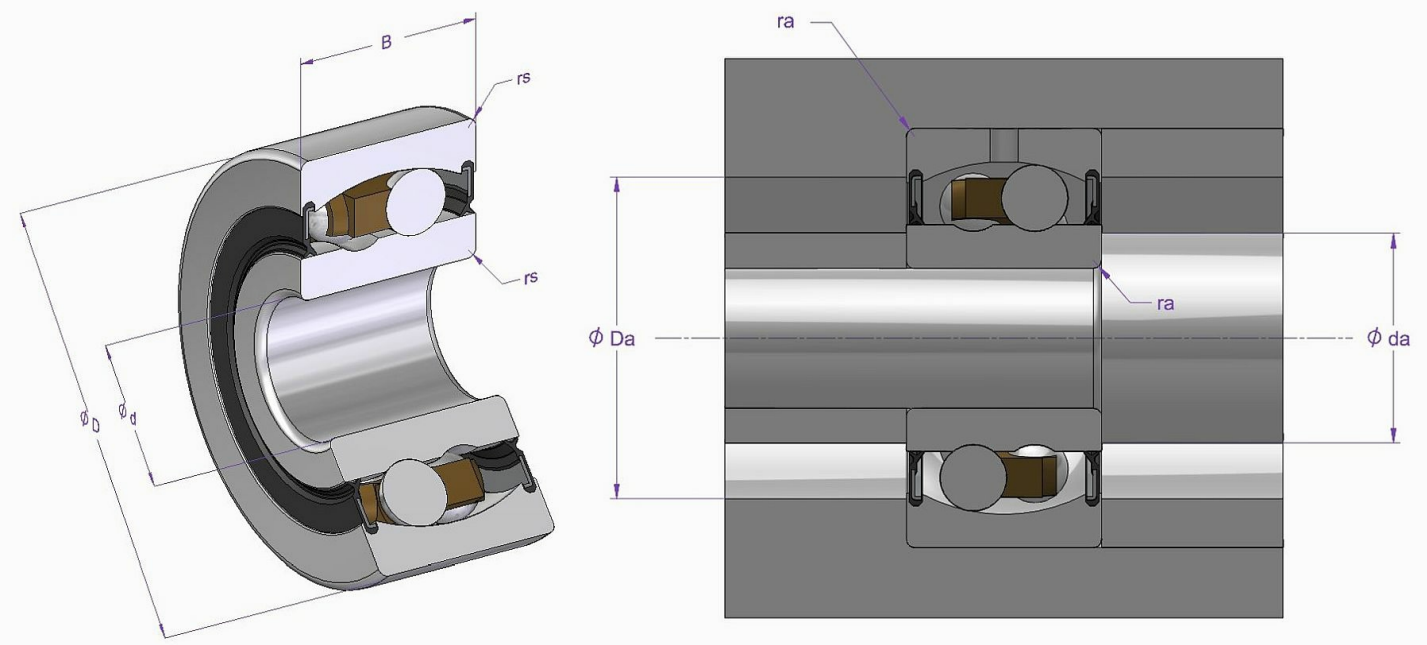
description

2203	Size
TN	Plastic cage
2RS	Sealing washers on both sides, touching

greasing

LX5	SHELL GADUS S2 V100 3

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	17	0 / -8	620-2
D	nominal outer diameter	40	0 / -11	620-2
B	width	16	0 / -120	620-2
rs min.	minimal chamfer dimension	0.6		630
da min.	mounting dimension	21.2		5418
Da max.	mounting dimension	35.8		5418
ra max.	mounting dimension	0.6		5418
e	calculation factor	0.27		281
Y1	calculation factor	2.32		281
Y2	calculation factor	3.6		281
Y0	calculation factor	2.43		76
X1	calculation factor	1		281
X2	calculation factor	0.65		281
X0	calculation factor	1		76

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	8030	127	281	2010	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		14000	

operating temperature	max. [°C]	min. [°C]
	120	-30

bearing clearance	radial min. [µm]	max. [µm]
	8	21

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 2203 TN 2RS LX5 **Art-No.** 54402

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+GF25		
Sealing washers	Sheet steel/NBR		

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