general data/description

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article 2206 TN 2RS LX5 **Art-No.** 54125 **brand** SKA **weight/kg** 0.26

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

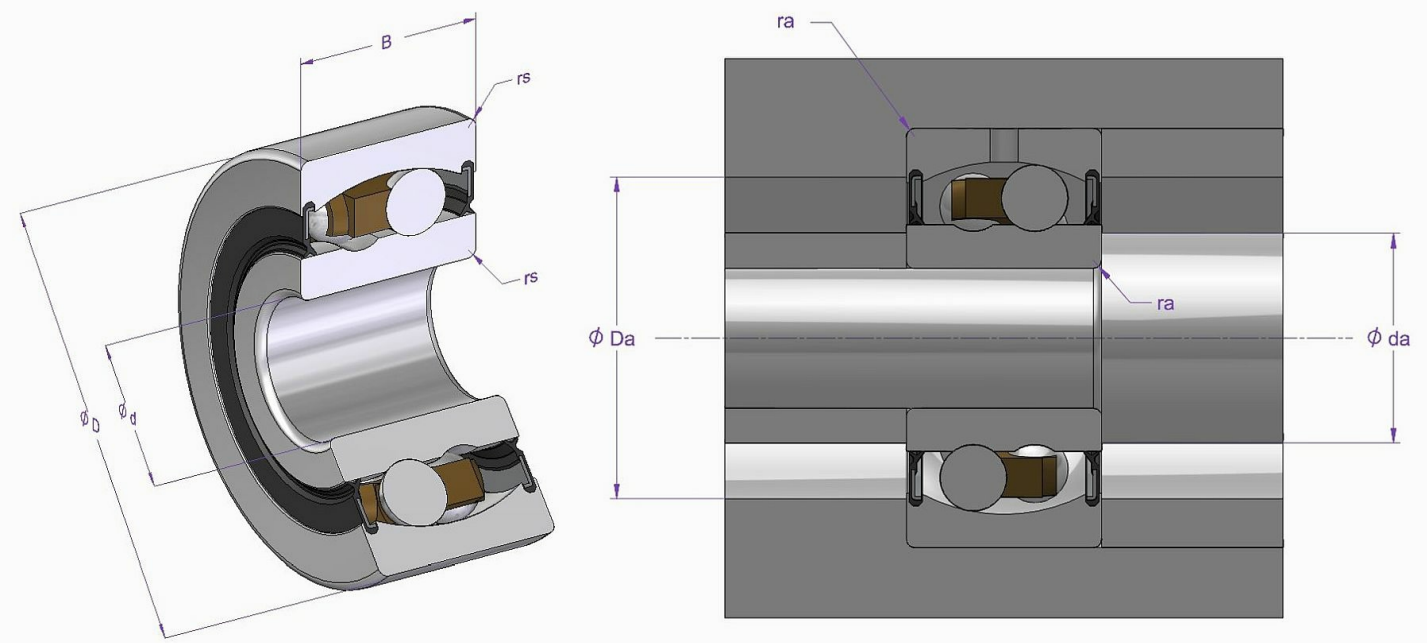
description

2206	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	30	0 / -10	620-2
D	nominal outer diameter	62	0 / -13	620-2
B	width	20	0 / -120	620-2
rs min.	minimal chamfer dimension	1		630
da min.	mounting dimension	35.6		5418
Da max.	mounting dimension	56.4		5418
ra max.	mounting dimension	1		5418
e	calculation factor	0.24		281
Y1	calculation factor	2.58		281
Y2	calculation factor	3.99		281
Y0	calculation factor	2.7		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
	15800	290	281	4640	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		7500	

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

bearing clearance	radial min. [µm]	max. [µm]
	11	24

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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		
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.