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data sheet

general data/description

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article 3202 B J LX5 **Art-No.** 53837 **brand** SKA **weight/kg** 0.072

remark Y-factors: Y1: Fa/Fr <= e / Y2: Fa/Fr > e.

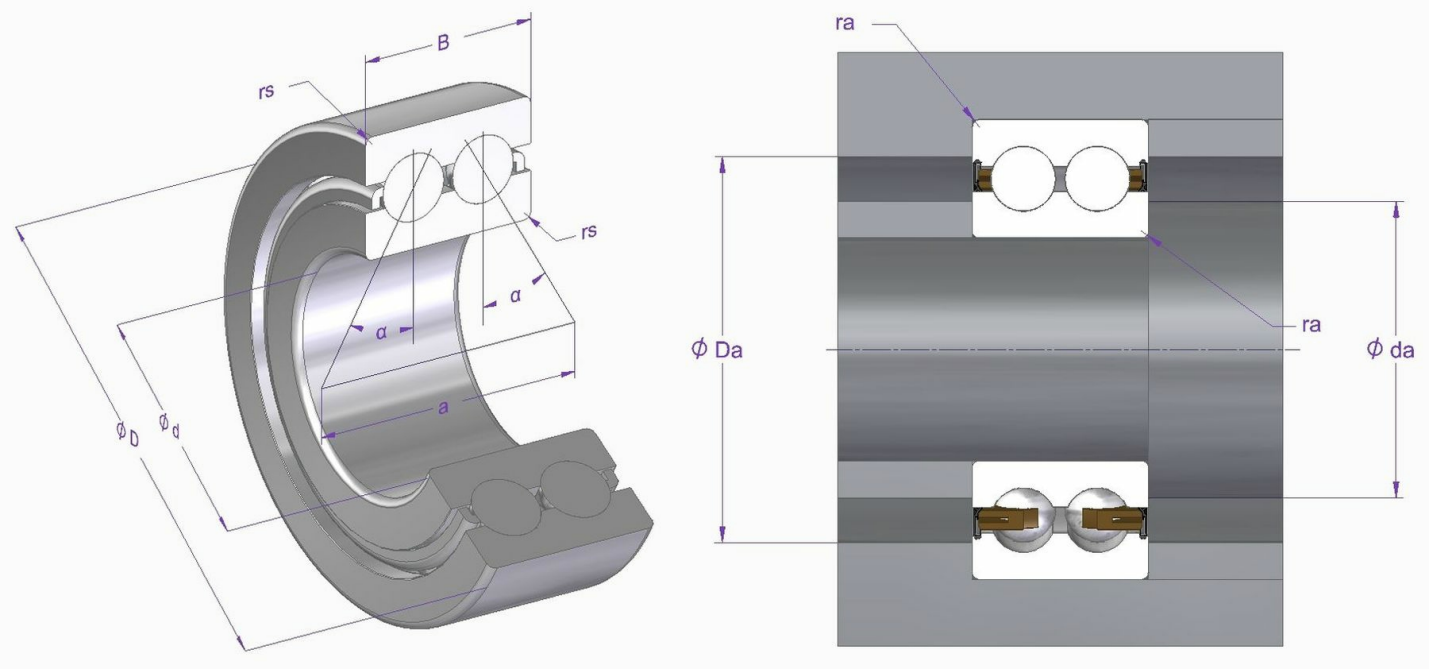
description

3202	Size
B	Pressure angle
J	Sheet steel cage

greasing

LX5	SHELL GADUS S2 V100 3

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	15.9	0 / -120	620-2
rs min.	minimal chamfer dimension	0.6		628-3
alpha	contact angle	30°		628-3
a	Lastabstand	~21		
Da max.	mounting dimension	31.3		WERKSNORM
da min.	mounting dimension	18.9		WERKSNORM
ra max.	mounting dimension	0.6		WERKSNORM
e	calculation factor	0.8		281
Y1	calculation factor	0.78		281
Y2	calculation factor	1.24		281
Y0	calculation factor	0.66		76
X	calculation factor	0.63		281

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	10000	315	281	6050	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		13000	18000

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

bearing clearance	axial min. [µm]	max. [µm]
	6	23

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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	Sheet steel		

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