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# 7312-B-XL-2RS-JP-L431

# Angular contact ball bearing

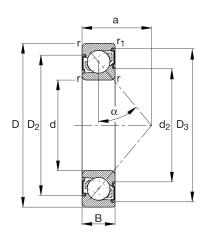
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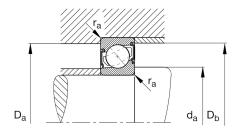
Angular contact ball bearing 73..-B-XL-2RS-TVP, single row, X-life, seals, steel sheet metal cage

X-life

FAG

### Technical information





#### **Main Dimensions & Performance Data**

d	60 mm	Bore diameter
D	130 mm	Outside diameter
В	31 mm	Width
C <sub>r</sub>	96,000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	69,000 N	Basic static load rating, radial
C ur	4,750 N	Fatigue load limit, radial
n <sub>G</sub>	3,150 1/min	Limiting speed
≈m	1.803 kg	Weight

#### **Mounting dimensions**

d <sub>a min</sub>	72 mm	Minimum diameter of shaft shoulder
D <sub>a max</sub>	118 mm	Maximum diameter of housing shoulder
D <sub>b max</sub>	123 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	2.1 mm	Maximum fillet radius of shaft
r <sub>a1 max</sub>	1 mm	Maximum fillet radius of housing

### **Dimensions**

r <sub>min</sub>	2.1 mm	Minimum chamfer dimension
r <sub>1 min</sub>	1.1 mm	Minimum chamfer dimension
D <sub>1</sub>	103.4 mm	Shoulder diameter on outer ring wide side face
D <sub>2</sub>	106.86 mm	Caliber diameter on outer ring wide side face
D <sub>3</sub>	119.68 mm	Caliber diameter on outer ring small side face
d <sub>1</sub>	87.3 mm	Shoulder diameter on inner ring wide side face
d <sub>2</sub>	83.1 mm	Caliber diameter on inner ring wide side face
а	55.4 mm	Distance between the apexes of the pressure
		cones
α	40 °	Contact angle

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.

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# Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	100 °C	Operating temperature max.