

**GYE50-KRR-B-FA107**

Radial insert ball bearing

Radial insert ball bearing GYE...KRR-B

## Technical information

**Main Dimensions & Performance Data**

d	50 mm	Bore diameter
D <sub>SP</sub>	90 mm	Outside diameter
B	51,6 mm	Width
C <sub>0r</sub>	23.200 N	Basic static load rating, radial
C <sub>ur</sub>	990 N	Fatigue load limit, radial
C <sub>r</sub>	35.000 N	Basic dynamic load rating, radial
≈m	0,75 kg	Weight

**Dimensions**

C	22 mm	Width, outer ring
C <sub>2</sub>	26,4 mm	Sealing total width
S	19 mm	Distance raceway
d <sub>1</sub>	62,8 mm	Rib diameter inner ring
D <sub>1</sub>	77,3 mm	Outside diameter seal
C <sub>a</sub>	6,9 mm	Distance to lubrication hole
A	8,5 mm	Distance thread
W	4 mm	Width of flats

**Temperature range**

T <sub>min</sub>	-20 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.



### Calculation factors

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$f_0$	14,4	Calculation factor
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### Characteristics

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-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides
-  Static angular error and misalignment