

**GE90-XL-KRR-B-FA164**

Radial insert ball bearing

Radial insert ball bearings GE...KRR-B-FA164, spherical outer ring, location by eccentric locking collar, R seals on both sides, for temperatures up to +250°C

X-life

## Technical information



## Your current product variant

Manufacturing instruction

FA164

High temperature design up to +250°C

## Main Dimensions &amp; Performance Data

d	90 mm	Bore diameter
D <sub>SP</sub>	160 mm	Outside diameter
B	52 mm	Width
C <sub>0r</sub>	79.000 N	Basic static load rating, radial
C <sub>ur</sub>	3.650 N	Fatigue load limit, radial
B <sub>1</sub>	69,5 mm	Locking collar total width
C <sub>r</sub>	109.000 N	Basic dynamic load rating, radial
≈m	3,68 kg	Weight



## Dimensions

C	32 mm	Width, outer ring
C <sub>2</sub>	35 mm	Sealing total width
S	23 mm	Distance raceway
d <sub>1</sub>	109,4 mm	Rib diameter inner ring
D <sub>1</sub>	138 mm	Outside diameter seal
C <sub>a</sub>	10 mm	Distance to lubrication hole
d <sub>3</sub>	118 mm	Outside diameter locking collar/locknut
W	6 mm	Width of flats








## Temperature range

T <sub>min</sub>	150 °C	Operating temperature min.
T <sub>max</sub>	250 °C	Operating temperature max.

## Calculation factors

f <sub>0</sub>	14,5	Calculation factor
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## Characteristics

	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