

**GE40-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 & Performance Data

d	40 mm	Bore diameter
D _{SP}	80 mm	Outside diameter
B	42,9 mm	Width
C _{0r}	19.800 N	Basic static load rating, radial
C _{ur}	940 N	Fatigue load limit, radial
B ₁	56,5 mm	Locking collar total width
C _r	32.500 N	Basic dynamic load rating, radial
≈m	0,75 kg	Weight



Dimensions

C	21 mm	Width, outer ring
C ₂	23,5 mm	Sealing total width
S	21,4 mm	Distance raceway
d ₁	52,3 mm	Rib diameter inner ring
D ₁	68,3 mm	Outside diameter seal
C _a	6,4 mm	Distance to lubrication hole
d ₃	58 mm	Outside diameter locking collar/locknut
W	5 mm	Width of flats

Temperature range

T _{min}	150 °C	Operating temperature min.
T _{max}	250 °C	Operating temperature max.

Calculation factors

f ₀	13,6	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