

**GE80-XL-KRR-B-FA164-AH01** [↗](#)

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
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Main Dimensions & Performance Data

d	80 mm	Bore diameter
D _{SP}	140 mm	Outside diameter
B	53,2 mm	Width
C _{0r}	54.000 N	Basic static load rating, radial
C _{ur}	2.700 N	Fatigue load limit, radial
B ₁	70,7 mm	Locking collar total width
C _r	76.000 N	Basic dynamic load rating, radial
≈m	2,84 kg	Weight



Dimensions

C	30 mm	Width, outer ring
C ₂	38 mm	Sealing total width
S	23,4 mm	Distance raceway
d ₁	97 mm	Rib diameter inner ring
D ₁	120 mm	Outside diameter seal
C _a	8,8 mm	Distance to lubrication hole
d ₃	108 mm	Outside diameter locking collar/locknut
W	6 mm	Width of flats








Temperature range

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

Calculation factors

f ₀	14,7	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