

**GE25-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	25 mm	Bore diameter
D _{SP}	52 mm	Outside diameter
B	34,9 mm	Width
C _{0r}	7.800 N	Basic static load rating, radial
C _{ur}	370 N	Fatigue load limit, radial
B ₁	44,5 mm	Locking collar total width
C _r	14.000 N	Basic dynamic load rating, radial
≈m	0,25 kg	Weight



Dimensions

C	15 mm	Width, outer ring
C ₂	16,7 mm	Sealing total width
S	17,5 mm	Distance raceway
d ₁	33,8 mm	Rib diameter inner ring
D ₁	42,5 mm	Outside diameter seal
C _a	4,1 mm	Distance to lubrication hole
d ₃	37,5 mm	Outside diameter locking collar/locknut
W	3 mm	Width of flats






Temperature range

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

Calculation factors

f ₀	13,8	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