



GE30-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 | 30 mm | Bore diameter |
| D _{SP} | 62 mm | Outside diameter |
| B | 36,5 mm | Width |
| C _{0r} | 11.300 N | Basic static load rating, radial |
| C _{ur} | 530 N | Fatigue load limit, radial |
| B ₁ | 48,5 mm | Locking collar total width |
| C _r | 20.700 N | Basic dynamic load rating, radial |
| m | 0,39 kg | Weight |



Dimensions

| | | |
|----------------|---------|---|
| C | 18 mm | Width, outer ring |
| C ₂ | 19,8 mm | Sealing total width |
| S | 18,3 mm | Distance raceway |
| d ₁ | 40,2 mm | Rib diameter inner ring |
| D ₁ | 52 mm | Outside diameter seal |
| C _a | 4,7 mm | Distance to lubrication hole |
| d ₃ | 44 mm | Outside diameter locking collar/locknut |
| W | 4 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 |
|----------------|------|--------------------|

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