

**GE35-XL-KLL-B**

Radial insert ball bearing

Radial insert ball bearings GE...KLL-B,
spherical outer ring, location by eccentric
locking collar, L seals on both sides

X-life

Technical information

**Main Dimensions & Performance Data**

| | | |
|-----------------|----------|-----------------------------------|
| d | 35 mm | Bore diameter |
| D _{SP} | 72 mm | Outside diameter |
| B | 37,7 mm | Width |
| C _{0r} | 15.300 N | Basic static load rating, radial |
| C _{ur} | 700 N | Fatigue load limit, radial |
| B ₁ | 51,3 mm | Locking collar total width |
| C _r | 27.500 N | Basic dynamic load rating, radial |
| ≈m | 0,56 kg | Weight |

Dimensions

| | | |
|----------------|---------|---|
| C | 19 mm | Width, outer ring |
| C ₂ | 25,4 mm | Sealing total width |
| S | 18,8 mm | Distance raceway |
| d ₁ | 46,8 mm | Rib diameter inner ring |
| D ₁ | 60,3 mm | Outside diameter seal |
| C _a | 5,6 mm | Distance to lubrication hole |
| d ₃ | 55 mm | Outside diameter locking collar/locknut |
| W | 5 mm | Width of flats |



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