

**GE80-XL-KTT-B**

Radial insert ball bearing

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

X-life

Technical information

**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} | 2.450 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 | 2,78 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 |



Calculation factors

| | | |
|-------|------|--------------------|
| f_0 | 14,7 | 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