

**E25-XL-KLL**

Radial insert ball bearing

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

X-life

Technical information

**Main Dimensions & Performance Data**

| | | |
|-----------------|----------|-----------------------------------|
| d | 25 mm | Bore diameter |
| D | 52 mm | Outside diameter |
| B | 34,9 mm | Width |
| B ₁ | 44,5 mm | Locking collar total width |
| C _r | 14.000 N | Basic dynamic load rating, radial |
| C _{0r} | 7.800 N | Basic static load rating, radial |
| C _{ur} | 410 N | Fatigue load limit, radial |
| ≈m | 0,25 kg | Weight |

Dimensions

| | | |
|----------------|---------|---|
| C | 15 mm | Width, outer ring |
| C ₂ | 20,2 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 |
| d ₃ | 37,5 mm | Outside diameter locking collar/locknut |
| W | 3 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