

**E20-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 | 20 mm | Bore diameter |
| D | 47 mm | Outside diameter |
| B | 34,1 mm | Width |
| B ₁ | 43,7 mm | Locking collar total width |
| C _r | 12.800 N | Basic dynamic load rating, radial |
| C _{0r} | 6.600 N | Basic static load rating, radial |
| C _{ur} | 315 N | Fatigue load limit, radial |
| ≈m | 0,2 kg | Weight |

Dimensions

| | | |
|----------------|---------|---|
| C | 14 mm | Width, outer ring |
| C ₂ | 16,6 mm | Sealing total width |
| S | 17,1 mm | Distance raceway |
| d ₁ | 27,6 mm | Rib diameter inner ring |
| D ₁ | 37,4 mm | Outside diameter seal |
| d ₃ | 33 mm | Outside diameter locking collar/locknut |
| W | 3 mm | Width of flats |

Calculation factors

| | | |
|----------------|------|--------------------|
| f ₀ | 13,1 | 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