

**GRAE40-XL-NPP-B-FA125** [↗](#)

Radial insert ball bearing

Radial insert ball bearing GRAE...XL-NPP-B

X-life

Technical information

**Main Dimensions & Performance Data**

| | | |
|-----------------|----------|-----------------------------------|
| d | 40 mm | Bore diameter |
| D _{SP} | 80 mm | Outside diameter |
| B | 30,2 mm | Width |
| C _{0r} | 19.800 N | Basic static load rating, radial |
| C _{ur} | 1.030 N | Fatigue load limit, radial |
| B ₁ | 43,8 mm | Locking collar total width |
| C _r | 34.500 N | Basic dynamic load rating, radial |
| ≈m | 0,62 kg | Weight |

Dimensions

| | | |
|----------------|---------|---|
| C | 21 mm | Width, outer ring |
| S | 11 mm | Distance raceway |
| d ₂ | 49,4 mm | Rib diameter sealing inner ring |
| C _a | 6,4 mm | Distance to lubrication hole |
| d ₃ | 58 mm | Outside diameter locking collar/locknut |
| W | 5 mm | Width of flats |

Calculation factors

| | | |
|----------------|------|--------------------|
| f ₀ | 13,6 | 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