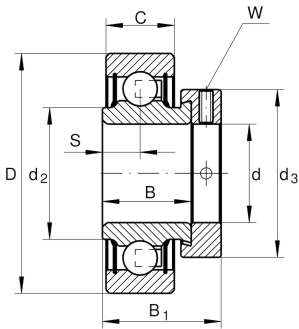
**RAE40-XL-NPP-FA106**

Radial insert ball bearing

Radial insert ball bearing RAE...XL-NPP

X-life

Technical information

**Main Dimensions & Performance Data**

| | | |
|-----------------|----------|-----------------------------------|
| d | 40 mm | Bore diameter |
| D | 80 mm | Outside diameter |
| B | 30,2 mm | Width |
| B ₁ | 43,8 mm | Locking collar total width |
| C _r | 32.500 N | Basic dynamic load rating, radial |
| C _{0r} | 19.800 N | Basic static load rating, radial |
| C _{ur} | 1.030 N | Fatigue load limit, radial |
| ≈m | 0,606 kg | Weight |

Dimensions

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

Temperature range







| | | |
|------------------|--------|----------------------------|
| T _{min} | -20 °C | Operating temperature min. |
| T _{max} | 120 °C | Operating temperature max. |



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