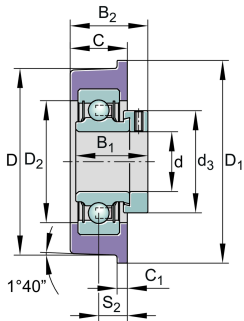
**CRB20/83-XL**

Radial insert ball bearing

Radial insert ball bearings CRB, with rubber interliner, location by eccentric locking collar, P seals on both sides

X-life

Technical information

**Main Dimensions & Performance Data**

| | | |
|-----------------|----------|--|
| d | 20 mm | Bore diameter |
| D | 83,6 mm | Outside diameter |
| C | 25,4 mm | Width, outer ring |
| B ₂ | 36,2 mm | Width total |
| B ₁ | 31 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 |
| | 750 N | Load carrying capacity (rubber interliner) |
| ≈m | 0,3 kg | Weight |

Dimensions

| | | |
|----------------|---------|---|
| D ₁ | 87,4 mm | Flange diameter |
| C ₁ | 4,8 mm | Thickness of flange |
| D ₂ | 40 mm | Flange diameter rubber interliner |
| d ₃ | 33 mm | Outside diameter locking collar/locknut |
| S ₂ | 12,7 mm | Distance raceway to rubber interliner flange side |

Calculation factors







| | | |
|----------------|------|--------------------|
| f ₀ | 13,1 | Calculation factor |
|----------------|------|--------------------|



Additional information

| | | |
|---------|--------------|----------------------------|
| | RAE20-XL-NPP | Bearing designation |
| Shore A | 80 ° | Hardness rubber interliner |

Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides