

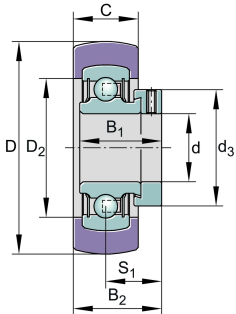
**RABRB20/52-XL-FA106**

Radial insert ball bearing

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

X-life

Technical information



Your current product variant

| | | |
|---------------------------|-------|--|
| Manufacturing instruction | FA106 | Bearing subjected to special noise testing |
|---------------------------|-------|--|

Main Dimensions & Performance Data

| | | |
|-----------------|----------|--|
| d | 20 mm | Bore diameter |
| D | 52,3 mm | Outside diameter |
| C | 17,6 mm | Width, outer ring |
| B ₂ | 32,3 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 |
| | 1.160 N | Load carrying capacity (rubber interliner) |
| ≈m | 0,2 kg | Weight |

Dimensions

| | | |
|----------------|---------|---|
| S ₁ | 23,5 mm | Distance raceway to locking collar |
| D ₂ | 39 mm | Flange diameter rubber interliner |
| d ₃ | 33 mm | Outside diameter locking collar/locknut |








Calculation factors

| | | |
|-------|------|--------------------|
| f_0 | 13,1 | Calculation factor |
|-------|------|--------------------|

Additional information

| | | |
|---------|----------------------|----------------------------|
| | RAE20-XL-NPP-B-FA106 | Bearing designation |
| Shore A | 70 ° | 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
-  Static angular error and misalignment