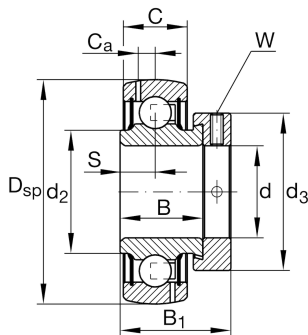


X-life

**GRA100-XL-NPP-B-AS2/V** **Radial insert ball bearing**

Radial insert ball bearings GRA...NPP-B-AS2/V, spherical outer ring, location by eccentric locking collar, P seals on both sides, inch size bore

**Technical information****Main Dimensions & Performance Data**

|                 |                |                                   |
|-----------------|----------------|-----------------------------------|
| d               | 25.4 mm        | Bore diameter                     |
| <b>d</b>        | <b>25.4 mm</b> | <b>Bore diameter, inch</b>        |
| D <sub>SP</sub> | 52 mm          | Outside diameter                  |
| B <sub>1</sub>  | 31 mm          | Locking collar total width        |
| B               | 21.4 mm        | Width                             |
| C <sub>ur</sub> | 400 N          | Fatigue load limit, radial        |
| C <sub>r</sub>  | 14,000 N       | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 7,800 N        | Basic static load rating, radial  |
| ≈m              | 0.18 kg        | Weight                            |

**Dimensions**

|                |                 |                                         |
|----------------|-----------------|-----------------------------------------|
| C              | 15 mm           | Width, outer ring                       |
| S              | 7.5 mm          | Distance raceway                        |
| d <sub>2</sub> | 30.3 mm         | Rib diameter sealing inner ring         |
| C <sub>a</sub> | 3.9 mm          | Distance to lubrication hole            |
| d <sub>3</sub> | 37.5 mm         | Outside diameter locking collar/locknut |
| <b>W</b>       | <b>3.175 mm</b> | <b>Width across flats (Inch)</b>        |

**Temperature range**

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -20 °C | Operating temperature min. |
| T <sub>max</sub> | 100 °C | Operating temperature max. |

**Calculation factors**

|                |      |                    |
|----------------|------|--------------------|
| f <sub>0</sub> | 13.8 | Calculation factor |
|----------------|------|--------------------|