

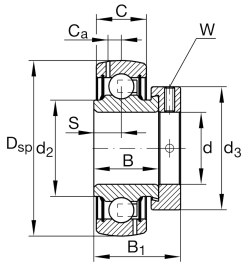
**GRA014-XL-NPP-B-AS2/V** [↗](#)

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

X-life

Technical information



Your current product variant

| | | |
|-----------------------------|-------|------------------------|
| Type of Sealing | NPP | Lip seal on both sides |
| Shape of outer surface | B | |
| Lubrication hole transposed | AS2/V | AS2/V |

Main Dimensions & Performance Data

| | | |
|-----------------|-----------|-----------------------------------|
| d | 22,225 mm | Bore diameter |
| d | 22,225 mm | Bore diameter, inch |
| D _{SP} | 52 mm | Outside diameter |
| B ₁ | 31 mm | Locking collar total width |
| B | 21,4 mm | Width |
| C _{ur} | 400 N | Fatigue load limit, radial |
| C _r | 14.000 N | Basic dynamic load rating, radial |
| C _{0r} | 7.800 N | Basic static load rating, radial |
| ≈m | 0,21 kg | Weight |



Dimensions

| | | |
|----------------|----------|---|
| C | 15 mm | Width, outer ring |
| S | 7,5 mm | Distance raceway |
| d ₂ | 30,3 mm | Rib diameter sealing inner ring |
| C _a | 3,9 mm | Distance to lubrication hole |
| d ₃ | 37,5 mm | Outside diameter locking collar/locknut |
| W | 3,175 mm | Width across flats (Inch) |








Temperature range

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

Calculation factors

| | | |
|----------------|------|--------------------|
| f ₀ | 13,8 | 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 |