

## 4307 ATN9



Double row deep groove ball bearings correspond, in their design and operation, to a pair of single row deep groove ball bearings. They are robust in operation, requiring little maintenance, can operate at high speeds and accommodate radial and axial loads in both directions. They are slightly wider than single row bearings of the same bore and outside diameter but have a considerably higher load carrying capacity.

- Versatile and robust design
- High-speed capability
- Accommodate high axial and radial loads in both directions
- Require little maintenance

### Dimensions

|                  |       |
|------------------|-------|
| Bore diameter    | 35 mm |
| Outside diameter | 80 mm |
| Width            | 31 mm |

### Performance

|                           |              |
|---------------------------|--------------|
| Basic dynamic load rating | 50.7 kN      |
| Basic static load rating  | 38 kN        |
| Reference speed           | 14 000 r/min |
| Limiting speed            | 7 500 r/min  |

### Properties

|                                      |             |
|--------------------------------------|-------------|
| Filling slots                        | Without     |
| Number of rows                       | 2           |
| Locating feature, bearing outer ring | None        |
| Bore type                            | Cylindrical |

|                           |               |
|---------------------------|---------------|
| Cage                      | Non-metallic  |
| Matched arrangement       | No            |
| Radial internal clearance | CN            |
| Material, bearing         | Bearing steel |
| Coating                   | Without       |
| Sealing                   | Without       |
| Lubricant                 | None          |
| Relubrication feature     | Without       |
| Logistics                 |               |
| Product net weight        | 0.667 kg      |
| eClass code               | 23-05-08-01   |
| UNSPSC code               | 31171504      |