

6222 JEM



Single row deep groove ball bearings are the most widely used bearing type and are particularly versatile. They have low friction and are optimized for low noise and low vibration, which enables high rotational speeds. They can accommodate radial and axial loads in both directions, are easy to mount, and require less maintenance than many other bearing types.

- Simple, versatile and robust design
- Low friction
- High-speed capability
- Accommodate radial and axial loads in both directions
- Require little maintenance

| Dimensions                           |              |
|--------------------------------------|--------------|
| Bore diameter                        | 110 mm       |
| Outside diameter                     | 200 mm       |
| Width                                | 38 mm        |
| Performance                          |              |
| Basic dynamic load rating            | 151 kN       |
| Basic static load rating             | 118 kN       |
| Reference speed                      | 6 700 r/min  |
| Limiting speed                       | 4 300 r/min  |
| AGA performance class                | AGA Explorer |
| Properties                           |              |
| Filling slots                        | Without      |
| Number of rows                       | 1            |
| Locating feature, bearing outer ring | None         |

|                           |               |
|---------------------------|---------------|
| Bore type                 | Cylindrical   |
| Cage                      | Sheet metal   |
| Matched arrangement       | No            |
| Radial internal clearance | C3            |
| Material, bearing         | Bearing steel |
| Coating                   | Without       |
| Sealing                   | Without       |
| Lubricant                 | None          |
| Relubrication feature     | Without       |
| Logistics                 |               |
| Product net weight        | 4.39 kg       |
| eClass code               | 23-05-08-01   |
| UNSPSC code               | 31171504      |