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Single row deep groove ball bearings with filling slots accommodate more balls than standard deep groove ball bearings. They are of a simple, yet versatile, design and are robust in operation, requiring little maintenance. They can accommodate radial and axial loads in both directions. They have a higher radial load carrying capacity than the corresponding bearings without filling slots but have a limited axial load carrying capacity due to the filling slots.

- Simple, versatile and robust design
- Accommodate higher radial loads than corresponding bearings without filling slots, with limited axial loads in both directions
- Require little maintenance

| Dimensions                           |              |
|--------------------------------------|--------------|
| Bore diameter                        | 55 mm        |
| Outside diameter                     | 120 mm       |
| Width                                | 29 mm        |
| Performance                          |              |
| Basic dynamic load rating            | 79.2 kN      |
| Basic static load rating             | 67 kN        |
| Reference speed                      | 10 000 r/min |
| Limiting speed                       | 6 300 r/min  |
| Properties                           |              |
| Filling slots                        | With         |
| Number of rows                       | 1            |
| Locating feature, bearing outer ring | None         |

|                           |               |
|---------------------------|---------------|
| Bore type                 | Cylindrical   |
| Cage                      | Sheet metal   |
| Matched arrangement       | No            |
| Radial internal clearance | CN            |
| Material, bearing         | Bearing steel |
| Coating                   | Without       |
| Sealing                   | Without       |
| Lubricant                 | None          |
| Relubrication feature     | Without       |
| Logistics                 |               |
| Product net weight        | 1.5 kg        |
| eClass code               | 23-05-08-01   |
| UNSPSC code               | 31171504      |