



Bearing No. 7309

|                    |                  |
|--------------------|------------------|
| D                  | 100 mm           |
| d                  | 45 mm            |
| B                  | 25 mm            |
| C                  | 25 mm            |
| a                  | 8.4 mm           |
| r1                 | 1 mm             |
| Width              | 25 mm            |
| Weight             | 0.875 Kg         |
| r min.             | 1.5 mm           |
| ra max.            | 1.5 mm           |
| Da max.            | 91 mm            |
| da min.            | 54 mm            |
| r1 min.            | 1 mm             |
| ra (max)           | 1.5 mm           |
| Da1 (max)          | 91 mm            |
| Da2 (max)          | 94.6 mm          |
| da2 (min)          | 50 mm            |
| da1 (min)          | 54 mm            |
| Size (mm)          | 45x100x25        |
| Enclosure          | Open             |
| Bore Type          | Cylindrical Bore |
| Bore Size          | 45 mm            |
| ra1 (max)          | 1 mm             |
| Width (mm)         | 25               |
| Configuration      | Single Row       |
| Bearing number     | 7309             |
| Angle (?)          | 30 °             |
| Outside Diameter   | 100 mm           |
| Static Load Rating | 43,500 N         |
| Bore Diameter (mm) | 45               |
|                    |                  |

|                               |            |
|-------------------------------|------------|
| Dynamic Load Rating           | 63,500 N   |
| Outer Diameter (mm)           | 100        |
| Limiting Speed - Oil          | 8,500 rpm  |
| Fillet Radius/Chamfer         | 1.5 mm     |
| Limiting Speed - Grease       | 6,300 rpm  |
| (Grease) Lubrication Speed    | 6300 r/min |
| Basic static load rating (C0) | 43,5 kN    |
| Basic dynamic load rating (C) | 63,5 kN    |