



**Bearing No. 7009C**

|                    |                  |
|--------------------|------------------|
| a                  | -1.1 mm          |
| d                  | 45 mm            |
| D                  | 75 mm            |
| B                  | 16 mm            |
| C                  | 16 mm            |
| r1                 | 0.6 mm           |
| a -                | 1,1 mm           |
| Width              | 16 mm            |
| Weight             | 0,265 Kg         |
| r min.             | 1 mm             |
| ra max.            | 1 mm             |
| Da max.            | 70 mm            |
| da min.            | 50 mm            |
| r1 min.            | 0,6 mm           |
| ra (max)           | 1 mm             |
| Da1 (max)          | 70 mm            |
| Da2 (max)          | 72 mm            |
| da2 (min)          | 50 mm            |
| da1 (min)          | 50 mm            |
| Size (mm)          | 45x75x16         |
| Enclosure          | Open             |
| Bore Type          | Cylindrical Bore |
| Bore Size          | 45 mm            |
| ra1 (max)          | 0.6 mm           |
| Width (mm)         | 16               |
| Configuration      | Single Row       |
| Bearing number     | 7009C            |
| Angle (?)          | 15 °             |
| Outside Diameter   | 75 mm            |
| Static Load Rating | 19,400 N         |

|                               |             |
|-------------------------------|-------------|
| Bore Diameter (mm)            | 45          |
| Dynamic Load Rating           | 24,600 N    |
| Outer Diameter (mm)           | 75          |
| Limiting Speed - Oil          | 18,000 rpm  |
| Fillet Radius/Chamfer         | 1 mm        |
| Limiting Speed - Grease       | 13,000 rpm  |
| (Grease) Lubrication Speed    | 19500 r/min |
| Basic static load rating (C0) | 19,4 kN     |
| Basic dynamic load rating (C) | 24,6 kN     |