

# 16009 KOYO 45x75x10mm ra max. 0.6 mm Deep groove ball bearings

|                                  |                          |
|----------------------------------|--------------------------|
| Bearing number                   | 16009                    |
| Size (mm)                        | 45x75x10                 |
| Brand                            | KOYO                     |
| Bore Diameter (mm)               | 45                       |
| Outer Diameter (mm)              | 75                       |
| Width (mm)                       | 10                       |
| d                                | 45 mm                    |
| D                                | 75 mm                    |
| B                                | 10 mm                    |
| C                                | 10 mm                    |
| r min.                           | 0.6 mm                   |
| da min.                          | 49 mm                    |
| Da max.                          | 71 mm                    |
| ra max.                          | 0.6 mm                   |
| Weight                           | 0.17 Kg                  |
| Basic dynamic load rating<br>(C) | 15.5 kN                  |
| Basic static load rating<br>(C0) | 12.3 kN                  |
| (Grease) Lubrication Speed       | 8900 r/min               |
| (Oil) Lubrication Speed          | 10000 r/min              |
| Category                         | Single Row Ball Bearings |
| BDI Inventory                    | 0.0                      |
| Manufacturer Name                | KOYO                     |

|                                 |   |
|---------------------------------|---|
| Minimum Buy Quantity            | N/A   |
| Weight / Kilogram               | 0   |
| EAN                             | 0605790002670   |
| Product Group – BDI             | B00308  |
| Enclosure                       | Open  |
| Precision Class                 | ABEC 1   ISO P0   |
| Maximum Capacity / Filling Slot | No  |
| Rolling Element                 | Ball Bearing  |
| Snap Ring                       | No  |
| Internal Special Features       | No  |
| Cage Material                   | Steel   |
| Internal Clearance              | C0-Medium   |
| Inch – Metric                   | Metric  |
| Long Description                | 45MM Bore; 75MM Outside Diameter; 10MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage |
| Other Features                  | Deep Groove   |
| Category – BDI                  | Single Row Ball Bearing   |
| UNSPSC                          | 31171504  |
| Harmonized Tariff Code          | 8482.10.50.68   |
| Noun                            | Bearing   |
| Keyword String                  | Ball  |
| Manufacturer URL                | <a href="http://www.koyousa.com">http://www.koyousa.com</a>   |
| Weight / LBS                    | 0.3747  |
| Outer Race Width                | 0.394 Inch   10 Millimeter  |

|                    |                            |
|--------------------|----------------------------|
| Outside Diameter   | 2.953 Inch   75 Millimeter |
| Bore               | 1.772 Inch   45 Millimeter |
| Inner Race Width   | 0 Inch   0 Millimeter      |
| Bearing No.        | 16009                      |
| r(min)             | 0.6                        |
| Cr                 | 19.4                       |
| C0r                | 12.3                       |
| Cu                 | 0.670                      |
| f0                 | 16.0                       |
| Grease lub.        | 8900                       |
| Oil lub.           | 10000                      |
| da(min)            | 49                         |
| Da(max)            | 71                         |
| ra(max)            | 0.6                        |
| (Refer.) Mass (kg) | 0.170                      |