



### Bearing No. 6909

|             |                            |
|-------------|----------------------------|
| D           | 68 mm                      |
| d           | 45 mm                      |
| B           | 12 mm                      |
| C           | 12 mm                      |
| f0          | 15.9                       |
| Cu          | 0.600                      |
| Cr          | 17.7                       |
| C0r         | 10.9                       |
| Bore        | 1.772 Inch   45 Millimeter |
| Noun        | Bearing                    |
| UNSPSC      | 31171504                   |
| Weight      | 0,132 Kg                   |
| r(min)      | 0.6                        |
| r min.      | 0,6 mm                     |
| da min.     | 49 mm                      |
| ra(max)     | 0.6                        |
| Da max.     | 64 mm                      |
| Da(max)     | 64                         |
| da(min)     | 49                         |
| ra max.     | 0,6 mm                     |
| Category    | Single Row Ball Bearing    |
| Oil lub.    | 11000                      |
| Inventory   | 0.0                        |
| Enclosure   | Open                       |
| Size (mm)   | 45x68x12                   |
| Snap Ring   | No                         |
| Width (mm)  | 12                         |
| Grease lub. | 9700                       |
| Bearing No. | 6909                       |
|             |                            |

|                               |   |
|-------------------------------|---|
| Weight / LBS                  | 0.286   |
| Product Group                 | B00308  |
| Cage Material                 | Steel   |
| Inch - Metric                 | Metric  |
| Keyword String                | Ball  |
| Bearing number                | 6909  |
| Precision Class               | ABEC 1   ISO P0   |
| Rolling Element               | Ball Bearing  |
| Outside Diameter              | 2.677 Inch   68<br>Millimeter   |
| Long Description              | 45MM Bore; 68MM<br>Outside Diameter;<br>12MM Outer Race<br>Diameter; Open; Ball<br>Bearing; ABEC 1   ISO<br>P0; No Filling Slot; No<br>Snap Ring; No Internal<br>Special Features |
| Outer Race Width              | 0.472 Inch   12<br>Millimeter   |
| (Refer.)Mass(kg)              | 0.132   |
| Manufacturer URL              | <a href="http://www.koyousa.com">http://www.koyousa.com</a>   |
| Weight / Kilogram             | 0.13  |
| Manufacturer Name             | KOYO  |
| Internal Clearance            | C0-Medium   |
| Bore Diameter (mm)            | 45  |
| Outer Diameter (mm)           | 68  |
| Minimum Buy Quantity          | N/A   |
| Harmonized Tariff Code        | 8482.10.50.68   |
| (Oil) Lubrication Speed       | 11000 r/min   |
| Manufacturer Item<br>Number   | 6909  |
| Internal Special<br>Features  | No  |
| (Grease) Lubrication<br>Speed | 9700 r/min  |

|                                 |         |
|---------------------------------|---------|
| Basic static load rating (C0)   | 10,9 kN |
| Basic dynamic load rating (C)   | 14,1 kN |
| Maximum Capacity / Filling Slot | No      |