

# 1215 KOYO 75x130x25mm Inch – Metric Metric Self aligning ball bearings

|                                  |            |
|----------------------------------|------------|
| Bearing number                   | 1215       |
| Size (mm)                        | 75x130x25  |
| Brand                            | KOYO       |
| Bore Diameter (mm)               | 75         |
| Outer Diameter (mm)              | 130        |
| Width (mm)                       | 25         |
| d                                | 75 mm      |
| D                                | 130 mm     |
| B                                | 25 mm      |
| C                                | 25 mm      |
| r min.                           | 1.5 mm     |
| da min.                          | 83 mm      |
| Da max.                          | 122 mm     |
| ra max.                          | 1.5 mm     |
| Weight                           | 1.36 Kg    |
| Basic dynamic load rating<br>(C) | 38.8 kN    |
| Basic static load rating<br>(C0) | 15.7 kN    |
| (Grease) Lubrication Speed       | 4300 r/min |
| (Oil) Lubrication Speed          | 5300 r/min |
| Calculation factor (e)           | 0.17       |
| Calculation factor (Y0)          | 3.77       |
| Calculation factor (Y1)          | 3.60       |

|                         |   |
|-------------------------|---|
| Manufacturer Name       | KOYO  |
| Category                | Self Aligning Ball Bearings   |
| BDI Inventory           | 0.0   |
| Minimum Buy Quantity    | N/A   |
| Weight / Kilogram       | 0   |
| EAN                     | 0605790001284   |
| Product Group – BDI     | B00152  |
| Mounting Method         | Shaft   |
| Enclosure               | Open  |
| Rolling Element         | Ball Bearing  |
| Cage Material           | Steel   |
| Precision Class         | ABEC 1   ISO P0   |
| Internal Clearance      | C0-Medium   |
| Number of Rows of Balls | Double Row  |
| Other Features          | Allowable Misalignment 2.5 Deg  |
| Long Description        | 75MM Bore; Shaft Mount; 130MM Outside Diameter; 25MM Inner Race Width; 25MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1   ISO P0; C0-Medium |
| Inch – Metric           | Metric  |
| Category – BDI          | Self Aligning Ball Bearings   |
| UNSPSC                  | 31171532  |
| Harmonized Tariff Code  | 8482.10.50.68   |
| Noun                    | Bearing   |
| Keyword String          | Self Aligning   |
| Manufacturer URL        | <a href="http://www.koyousa.com">http://www.koyousa.com</a>   |
| Weight / LBS            | 2.99828   |
| Inner Race Width        | 0.984 Inch   25 Millimeter  |

|                    |                             |
|--------------------|-----------------------------|
| Bore               | 2.953 Inch   75 Millimeter  |
| Outside Diameter   | 5.118 Inch   130 Millimeter |
| Outer Race Width   | 0.984 Inch   25 Millimeter  |
| Bearing No.        | 1215                        |
| r(min)             | 1.5                         |
| Cr                 | 38.8                        |
| C0r                | 15.5                        |
| Cu                 | 0.97                        |
| Grease lub.        | 4300                        |
| Oil lub.           | 5300                        |
| da(min)            | 83                          |
| Da(max)            | 122                         |
| ra(max)            | 1.5                         |
| e                  | 0.17                        |
| Y1                 | 3.60                        |
| Y2                 | 5.58                        |
| Y0                 | 3.77                        |
| (Refer.) Mass (kg) | 1.36                        |