



# Likao Bearing Co., Ltd.



## 17 mm x 47 mm x 14 mm koyo 6303 bearing

Bearing No. 6303

6303 Bearing 2D drawings and 3D CAD models

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 17x47x14 mm              |
| Bore Diameter                 | 17 mm                    |
| Outer Diameter                | 47 mm                    |
| Width                         | 14 mm                    |
| d                             | 17 mm                    |
| D                             | 47 mm                    |
| B                             | 14 mm                    |
| C                             | 14 mm                    |
| r min.                        | 1 mm                     |
| da min.                       | 22 mm                    |
| Da max.                       | 42 mm                    |
| ra max.                       | 1 mm                     |
| Weight                        | 0,115 Kg                 |
| Basic dynamic load rating (C) | 13,6 kN                  |
| Basic static load rating (C0) | 6,65 kN                  |
| (Grease) Lubrication Speed    | 15000 r/min              |
| (Oil) Lubrication Speed       | 18000 r/min              |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |
| Manufacturer Name             | KOYO                     |
| Minimum Buy Quantity          | N/A                      |
| Weight / Kilogram             | 0.123                    |
| EAN                           | 0605790071928            |
| Product Group                 | B00308                   |
| Enclosure                     | Open                     |
| Precision Class               | ABEC 1   ISO P0          |



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|                                 |  |
|---------------------------------|--|
| 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                | 17MM Bore; 47MM Outside Diameter; 14MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Category                        | 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>  |
| Manufacturer Item Number        | 6303   |
| Weight / LBS                    | 0.272  |
| Outside Diameter                | 1.85 Inch   47 Millimeter  |
| Outer Race Width                | 0.551 Inch   14 Millimeter   |
| Bore                            | 0.669 Inch   17 Millimeter   |
| Bearing No.                     | 6303   |
| r(min)                          | 1  |
| Cr                              | 17.0   |
| C0r                             | 6.65   |
| Cu                              | 0.550  |
| f0                              | 12.4   |
| Grease lub.                     | 15000  |
| Oil lub.                        | 18000  |
|                                 |  |



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|                  |       |
|------------------|-------|
| da(min)          | 22    |
| Da(max)          | 42    |
| ra(max)          | 1     |
| (Refer.)Mass(kg) | 0.115 |