



# Likao Bearing Co., Ltd.



6001 Bearing 2D drawings and 3D CAD models

## 12 mm x 28 mm x 8 mm koyo 6001 bearing

Bearing No. 6001

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 12x28x8 mm               |
| Bore Diameter                 | 12 mm                    |
| Outer Diameter                | 28 mm                    |
| Width                         | 8 mm                     |
| d                             | 12 mm                    |
| D                             | 28 mm                    |
| B                             | 8 mm                     |
| C                             | 8 mm                     |
| r min.                        | 0,3 mm                   |
| da min.                       | 14 mm                    |
| Da max.                       | 26 mm                    |
| ra max.                       | 0,3 mm                   |
| Weight                        | 0,022 Kg                 |
| Basic dynamic load rating (C) | 5,1 kN                   |
| Basic static load rating (C0) | 2,4 kN                   |
| (Grease) Lubrication Speed    | 27000 r/min              |
| (Oil) Lubrication Speed       | 32000 r/min              |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |
| Manufacturer Name             | KOYO                     |
| Minimum Buy Quantity          | N/A                      |
| Weight / Kilogram             | 0.024                    |
| Product Group                 | B00308                   |
| Enclosure                     | Open                     |
| Precision Class               | ABEC 1   ISO P0          |
| Maximum Capacity / Filling    | No                       |



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|                           |   |
|---------------------------|---|
| Slot                      |   |
| Rolling Element           | Ball Bearing  |
| Snap Ring                 | No  |
| Internal Special Features | No  |
| Cage Material             | Steel   |
| Internal Clearance        | C0-Medium   |
| Inch - Metric             | Metric  |
| Long Description          | 12MM Bore; 28MM Outside Diameter; 8MM 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  | 6001  |
| Weight / LBS              | 0.052   |
| Outer Race Width          | 0.315 Inch   8 Millimeter   |
| Outside Diameter          | 1.102 Inch   28 Millimeter  |
| Bore                      | 0.472 Inch   12 Millimeter  |
| Bearing No.               | 6001  |
| r(min)                    | 0.3   |
| Cr                        | 6.40  |
| C0r                       | 2.40  |
| Cu                        | 0.120   |
| f0                        | 13.2  |
| Grease lub.               | 27000   |
| Oil lub.                  | 32000   |
| da(min)                   | 14  |
|                           |   |



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|                  |       |
|------------------|-------|
| Da(max)          | 26    |
| ra(max)          | 0.3   |
| (Refer.)Mass(kg) | 0.022 |