



## SMOOTH BEARING MFG.CORP.



6001 Bearing 2D drawings and 3D CAD models

NTN SKF NSK Koyo Bearing 6001 6003 6005  
6201 6203 6205 6301 6303 6305 Deep Groove Ball  
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<br>(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                     |



## SMOOTH BEARING MFG.CORP.

|                                 |   |
|---------------------------------|---|
| 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                | 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   |
|                                 |   |



## SMOOTH BEARING MFG.CORP.

|                  |       |
|------------------|-------|
| Oil lub.         | 32000 |
| da(min)          | 14    |
| Da(max)          | 26    |
| ra(max)          | 0.3   |
| (Refer.)Mass(kg) | 0.022 |