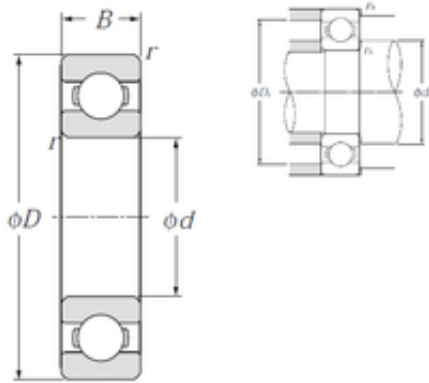




# ASAHI FORGE OF AMERICA BEARING CORP.

## 12 mm x 28 mm x 7 mm NTN 16001 deep groove ball bearings



Bearing No. 16001

16001 Bearing 2D drawings and 3D CAD models

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 12x28x7 mm               |
| Bore Diameter                 | 12 mm                    |
| Outer Diameter                | 28 mm                    |
| Width                         | 7 mm                     |
| d                             | 12 mm                    |
| D                             | 28 mm                    |
| B                             | 7 mm                     |
| C                             | 7 mm                     |
| r min.                        | 0,3 mm                   |
| da min.                       | 14 mm                    |
| Da max.                       | 26 mm                    |
| ra max.                       | 0,3 mm                   |
| Weight                        | 0,019 Kg                 |
| Basic dynamic load rating (C) | 5,1 kN                   |
| Basic static load rating (C0) | 2,39 kN                  |
| (Grease) Lubrication Speed    | 26 000 r/min             |
| (Oil) Lubrication Speed       | 30 000 r/min             |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |
| Manufacturer Name             | NTN                      |
| Minimum Buy Quantity          | N/A                      |
| Weight / Kilogram             | 0.019                    |
| Product Group                 | B00308                   |
| Enclosure                     | Open                     |
| Precision Class               | ABEC 1   ISO P0          |



# ASAHI FORGE OF AMERICA BEARING CORP.

|                                 |  |
|---------------------------------|--|
| 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; 7MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage |
| Other Features                  | Deep Groove   Radial   |
| 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.ntnamerica.com">http://www.ntnamerica.com</a>  |
| Manufacturer Item Number        | 16001  |
| Weight / LBS                    | 0.042  |
| Inner Race Width                | 0 Inch   0 Millimeter  |
| Outer Race Width                | 0.276 Inch   7 Millimeter  |
| Bore                            | 0.472 Inch   12 Millimeter   |
| Outside Diameter                | 1.102 Inch   28 Millimeter   |
| bore diameter:                  | 12 mm  |
| finish/coating:                 | Uncoated   |
| outside diameter:               | 28 mm  |
| bearing material:               | High Carbon Chrome Steel   |
|                                 |  |



## ASAHI FORGE OF AMERICA BEARING CORP.

|                              |                            |
|------------------------------|----------------------------|
| overall width:               | 7 mm                       |
| cage material:               | Steel                      |
| bore type:                   | Round                      |
| inner ring width:            | 7 mm                       |
| closure type:                | Open                       |
| outer ring width:            | 7 mm                       |
| row type & fill slot:        | Single Row Non-Fill Slot   |
| maximum rpm (grease):        | 26000 rpm                  |
| snap ring included:          | Without Snap Ring          |
| maximum rpm (oil):           | 30000 rpm                  |
| internal clearance:          | CN                         |
| fillet radius:               | 0.3 mm                     |
| operating temperature range: | -40 to 120 ° C             |
| maximum rpm:                 | 30000 RPM                  |
| dynamic load capacity:       | 5100 N                     |
| series:                      | 600                        |
| static load capacity:        | 2390 N                     |
| manufacturer product page:   | <a href="#">Click here</a> |
| precision rating:            | Class 0                    |