



12 mm x 32 mm x 10 mm BFKB353203 Crossed Roller Bearing 240x300x30mm

Bearing No. 6201

6201 Bearing 2D drawings and 3D CAD models

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 12x32x10 mm              |
| Bore Diameter                 | 12 mm                    |
| Outer Diameter                | 32 mm                    |
| Width                         | 10 mm                    |
| d                             | 12 mm                    |
| D                             | 32 mm                    |
| B                             | 10 mm                    |
| C                             | 10 mm                    |
| r min.                        | 0.6 mm                   |
| da min.                       | 17 mm                    |
| Da max.                       | 27 mm                    |
| ra max.                       | 0.6 mm                   |
| Weight                        | 0.037 Kg                 |
| Basic dynamic load rating (C) | 6,8 kN                   |
| Basic static load rating (C0) | 3,05 kN                  |
| (Grease) Lubrication Speed    | 22000 r/min              |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |
| Manufacturer Name             | NACHI                    |
| Minimum Buy Quantity          | N/A                      |
| Weight / Kilogram             | 0                        |
| Product Group                 | B00308                   |
| Enclosure                     | Open                     |
| Precision Class               | ABEC 1   ISO P0          |
| Maximum Capacity / Filling    | No                       |



## UG Ball Bearing CORP.

|                           |   |
|---------------------------|---|
| 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; 32MM Outside Diameter; 10MM 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   |
| 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.nachiamerica.com">http://www.nachiamerica.com</a>   |
| Weight / LBS              | 0.081   |
| Bore                      | 0.472 Inch   12 Millimeter  |
| Outside Diameter          | 1.26 Inch   32 Millimeter   |
| Outer Race Width          | 0.394 Inch   10 Millimeter  |
| Inner Race Width          | 0 Inch   0 Millimeter   |
| Bore Type                 | Cylindrical Bore  |
| Configuration             | Single Row  |
| Bore Size                 | 12 mm   |
| Width                     | 10 mm   |
| Fillet Radius/Chamfer     | 0.6 mm  |
| Dynamic Load Rating       | 6,800 N   |



## UG Ball Bearing CORP.

|                         |                   |
|-------------------------|-------------------|
| Static Load Rating      | 3,050 N           |
| Limiting Speed - Grease | 22,000 rpm        |
| Limiting Speed - Oil    | 28,000 rpm        |
| Factor $f_0$            | 12.3              |
| Radial Clearance        | 0.003 to 0.018 mm |
| $d_a$ (min)             | 17 mm             |
| $D_a$ (max)             | 27 mm             |
| $r_a$ (max)             | 0.6 mm            |