



## Jinan Focor Machinery Co., Ltd.



6204 Bearing 2D drawings and 3D CAD models

NSK SKF Timken Koyo NTN NACHI Wheel  
Bearing Spherical Roller Bearing Taper Roller  
Bearing Cylindrical Roller Bearing Deep Groove  
Ball Bearing 6204 UC205 30205

Bearing No. 6204

|                                  |                          |
|----------------------------------|--------------------------|
| Size                             | 20x47x14 mm              |
| Bore Diameter                    | 20 mm                    |
| Outer Diameter                   | 47 mm                    |
| Width                            | 14 mm                    |
| d                                | 20 mm                    |
| D                                | 47 mm                    |
| B                                | 14 mm                    |
| C                                | 14 mm                    |
| r min.                           | 1 mm                     |
| da min.                          | 26 mm                    |
| Da max.                          | 41 mm                    |
| ra max.                          | 1.0 mm                   |
| Weight                           | 0.106 Kg                 |
| Basic dynamic load rating<br>(C) | 12,8 kN                  |
| Basic static load rating (C0)    | 6,6 kN                   |
| (Grease) Lubrication Speed       | 14000 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                     |



## Jinan Focor Machinery Co., Ltd.

|                                 |                                                                                                                                                                                                     |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                | 20MM Bore; 47MM Outside Diameter; 14MM 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                    | 0.234                                                                                                                                                                                               |
| Outside Diameter                | 1.85 Inch   47 Millimeter                                                                                                                                                                           |
| Inner Race Width                | 0 Inch   0 Millimeter                                                                                                                                                                               |
| Outer Race Width                | 0.551 Inch   14 Millimeter                                                                                                                                                                          |
| Bore                            | 0.787 Inch   20 Millimeter                                                                                                                                                                          |
| Bore Type                       | Cylindrical Bore                                                                                                                                                                                    |
| Configuration                   | Single Row                                                                                                                                                                                          |
| Bore Size                       | 20 mm                                                                                                                                                                                               |
| Width                           | 14 mm                                                                                                                                                                                               |
|                                 |                                                                                                                                                                                                     |



## Jinan Focor Machinery Co., Ltd.

|                         |                   |
|-------------------------|-------------------|
| Fillet Radius/Chamfer   | 1 mm              |
| Dynamic Load Rating     | 12,800 N          |
| Static Load Rating      | 6,600 N           |
| Limiting Speed - Grease | 16,000 rpm        |
| Limiting Speed - Oil    | 18,000 rpm        |
| Factor fo               | 13.1              |
| Radial Clearance        | 0.005 to 0.020 mm |
| da (min)                | 26 mm             |
| Da (max)                | 41 mm             |
| ra (max)                | 1 mm              |