



## China Abec 7 Bearing Supplier



6307 N/Zn/Nr/Znr/K- O&Kai Z1V1 Z2V2  
Z3V3 ISO Deep Groove Ball Bearing SKF NSK  
NTN NACHI Koyo OEM

Bearing No. 6307

6307 Bearing 2D drawings and 3D CAD models

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 35x80x21 mm              |
| Bore Diameter                 | 35 mm                    |
| Outer Diameter                | 80 mm                    |
| Width                         | 21 mm                    |
| d                             | 35 mm                    |
| D                             | 80 mm                    |
| B                             | 21 mm                    |
| C                             | 21 mm                    |
| r min.                        | 1.5 mm                   |
| da min.                       | 44 mm                    |
| Da max.                       | 71 mm                    |
| ra max.                       | 1.5 mm                   |
| Weight                        | 0.457 Kg                 |
| Basic dynamic load rating (C) | 33,5 kN                  |
| Basic static load rating (C0) | 19,2 kN                  |
| (Grease) Lubrication Speed    | 8400 r/min               |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |
| Manufacturer Name             | NACHI                    |
| Minimum Buy Quantity          | N/A                      |
| Weight / Kilogram             | 3.02                     |
| Product Group                 | B00308                   |
| Enclosure                     | Open                     |
| Precision Class               | ABEC 1   ISO P0          |



## China Abec 7 Bearing Supplier

|                                 |   |
|---------------------------------|---|
| 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                | 35MM Bore; 80MM Outside Diameter; 21MM 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>   |
| Outside Diameter                | 3.15 Inch   80 Millimeter   |
| Inner Race Width                | 0 Inch   0 Millimeter   |
| Bore                            | 1.378 Inch   35 Millimeter  |
| Outer Race Width                | 0.827 Inch   21 Millimeter  |
| Bore Type                       | Cylindrical Bore  |
| Configuration                   | Single Row  |
| Bore Size                       | 35 mm   |
| Width                           | 21 mm   |
| Fillet Radius/Chamfer           | 1.5 mm  |
| Dynamic Load Rating             | 33,500 N  |
|                                 |   |



## China Abec 7 Bearing Supplier

|                         |                   |
|-------------------------|-------------------|
| Static Load Rating      | 19,200 N          |
| Limiting Speed - Grease | 8,800 rpm         |
| Limiting Speed - Oil    | 10,000 rpm        |
| Factor fo               | 13.2              |
| Radial Clearance        | 0.006 to 0.020 mm |
| da (min)                | 44 mm             |
| Da (max)                | 71 mm             |
| ra (max)                | 1.5 mm            |