



# Wuxi Shenbing Bearing Company Limited



6222 6222zz 6222 2RS Z1V1 Z2V2 Z3V3 Deep Groove Ball Bearing SKF NSK NTN NACHI Koyo OEM

Bearing No. 6222

6222 Bearing 2D drawings and 3D CAD models

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 110x200x38 mm            |
| Bore Diameter                 | 110 mm                   |
| Outer Diameter                | 200 mm                   |
| Width                         | 38 mm                    |
| d                             | 110 mm                   |
| D                             | 200 mm                   |
| B                             | 38 mm                    |
| C                             | 38 mm                    |
| r min.                        | 2.1 mm                   |
| da min.                       | 122 mm                   |
| Da max.                       | 188 mm                   |
| ra max.                       | 2.0 mm                   |
| Weight                        | 4.36 Kg                  |
| Basic dynamic load rating (C) | 144 kN                   |
| Basic static load rating (C0) | 117 kN                   |
| (Grease) Lubrication Speed    | 3000 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          |



## Wuxi Shenbing Bearing Company Limited

|                                 |                                                                                                                                                                                                       |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                | 110MM Bore; 200MM Outside Diameter; 38MM 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>                                                                                                                                 |
| Inner Race Width                | 0 Inch   0 Millimeter                                                                                                                                                                                 |
| Bore                            | 4.331 Inch   110 Millimeter                                                                                                                                                                           |
| Outside Diameter                | 7.874 Inch   200 Millimeter                                                                                                                                                                           |
| Outer Race Width                | 1.496 Inch   38 Millimeter                                                                                                                                                                            |
| Bore Type                       | Cylindrical Bore                                                                                                                                                                                      |
| Configuration                   | Single Row                                                                                                                                                                                            |
| Bore Size                       | 110 mm                                                                                                                                                                                                |
| Width                           | 38 mm                                                                                                                                                                                                 |
| Fillet Radius/Chamfer           | 2.1 mm                                                                                                                                                                                                |
| Dynamic Load Rating             | 144,000 N                                                                                                                                                                                             |
|                                 |                                                                                                                                                                                                       |



## Wuxi Shenbing Bearing Company Limited

|                         |                   |
|-------------------------|-------------------|
| Static Load Rating      | 117,000 N         |
| Limiting Speed - Grease | 3,200 rpm         |
| Limiting Speed - Oil    | 3,800 rpm         |
| Factor $f_0$            | 14.3              |
| Radial Clearance        | 0.015 to 0.041 mm |
| $d_a$ (min)             | 122 mm            |
| $D_a$ (max)             | 188 mm            |
| $r_a$ (max)             | 2 mm              |