

# NACHI 6812Z deep groove ball bearings

NACHI 6812Z deep groove ball bearings 52x25x22 Size (mm) with easy-to-use parts graphics, giving you 52 Bore Diameter (mm) the ability to check parts availability, pricing, examine remanufactured options.

|                     |          |
|---------------------|----------|
| Size (mm)           | 52x25x22 |
| Bore Diameter (mm)  | 52       |
| Outer Diameter (mm) | 25       |
| Width (mm)          | 22       |
| d                   | 25 mm    |
| D                   | 52 mm    |
| T                   | 22 mm    |
| d1                  | 38.7 mm  |
| B                   | 22 mm    |
| C                   | 18 mm    |
| r1,2 – min.         | 1 mm     |
| r3,4 – min.         | 1 mm     |
| a                   | 14 mm    |
| da – max.           | 30 mm    |
| db – min.           | 31 mm    |
| Da – min.           | 43 mm    |
| Da – max.           | 46 mm    |
| Db – min.           | 49 mm    |
| Ca – min.           | 4 mm     |
| Cb – min.           | 4 mm     |
| ra – max.           | 1 mm     |

|                               |                    |
|-------------------------------|--------------------|
| rb – max.                     | 1 mm               |
| Basic dynamic load rating – C | 47.3 kN            |
| Basic static load rating – C0 | 56 kN              |
| Fatigue load limit – Pu       | 6 kN               |
| Reference speed               | 9000 r/min         |
| Limiting speed                | 13000 r/min        |
| Calculation factor – e        | 0.35               |
| Calculation factor – Y        | 1.7                |
| Calculation factor – Y0       | 0.9                |
| Inventory                     | 6.0                |
| Manufacturer Name             | SKF                |
| Minimum Buy Quantity          | N/A                |
| Weight / Kilogram             | 0.231              |
| EAN                           | 7316577006417      |
| Product Group                 | B04334             |
| bore diameter:                | 25 mm              |
| dynamic load capacity:        | 47.3 kN            |
| cup width:                    | 18 mm              |
| static load capacity:         | 56 kN              |
| assembly type:                | Cone & Cup         |
| finish/coating:               | Uncoated           |
| outside diameter:             | 52 mm              |
| maximum rpm:                  | 13000 RPM          |
| cone width:                   | 22 mm              |
| series:                       | 332                |
| closure type:                 | Open               |
| flange type:                  | Non-Flanged Cup    |
| operating temperature range:  | Maximum of +250 °F |