



# MACHINE PRECISION AXLE CORP.



6010NRC3 Bearing 2D drawings and 3D CAD models

## NTN 6010NRC3 Single Row Ball Bearings

Bearing No. 6010NRC3

|                                 |   |
|---------------------------------|---|
| Category                        | Single Row Ball Bearings  |
| Inventory                       | 0.0   |
| Manufacturer Name               | NTN   |
| Minimum Buy Quantity            | N/A   |
| Weight                          | 0.25  |
| EAN                             | 4547359331899   |
| Product Group                   | B00308  |
| Enclosure                       | Open  |
| Precision Class                 | ABEC 1   ISO P0   |
| Maximum Capacity / Filling Slot | No  |
| Rolling Element                 | Ball Bearing  |
| Snap Ring                       | Yes   |
| Internal Special Features       | No  |
| Cage Material                   | Steel   |
| Internal Clearance              | C3-Loose  |
| Inch - Metric                   | Metric  |
| Long Description                | 50MM Bore; 80MM Outside Diameter; 16MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C3-Loose Internal Clearance; Steel Cage |
| Other Features                  | Deep Groove   With Snap Ring  |
| Category                        | Single Row Ball Bearing   |
| UNSPSC                          | 31171504  |



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|                              |   |
|------------------------------|---|
| Harmonized Tariff Code       | 8482.10.50.68   |
| Noun                         | Bearing   |
| Keyword String               | Ball  |
| Manufacturer URL             | <a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a> |
| Manufacturer Item Number     | 6010NRC3  |
| Weight / LBS                 | 0.58202   |
| Outer Race Width             | 0.63 Inch   16 Millimeter   |
| Inner Race Width             | 0 Inch   0 Millimeter   |
| D                            | 3.15 Inch   80 Millimeter   |
| d                            | 1.969 Inch   50 Millimeter  |
| bore diameter:               | 50 mm   |
| finish/coating:              | Uncoated  |
| outside diameter:            | 80 mm   |
| bearing material:            | High Carbon Chrome Steel  |
| overall width:               | 16 mm   |
| cage material:               | Steel   |
| bore type:                   | Round   |
| inner ring width:            | 16 mm   |
| closure type:                | Open  |
| outer ring width:            | 16 mm   |
| row type & fill slot:        | Single Row Non-Fill Slot  |
| maximum rpm (grease):        | 8400 rpm  |
| snap ring included:          | With Snap Ring  |
| maximum rpm (oil):           | 9800 rpm  |
| internal clearance:          | C3  |
| fillet radius:               | 1 mm  |
| operating temperature range: | -40 to 120 ° C  |
| maximum rpm:                 | 9800 RPM  |
| dynamic load capacity:       | 21800 N   |
| series:                      | 60  |
| static load capacity:        | 16600 N   |



## MACHINE PRECISION AXLE CORP.

|                            |                            |
|----------------------------|----------------------------|
| manufacturer product page: | <a href="#">Click here</a> |
| precision rating:          | ISO Class 0                |