



SMOOTH BEARING MFG.CORP.



6310 C3-SKF NTN NSK Timken NACHI Koyo
Z2V2 Z3V3 Deep Groove Ball Bearing OEM

Bearing No. 6310

6310 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|--------------------------|
| Size | 50x110x27 mm |
| Bore Diameter | 50 mm |
| Outer Diameter | 110 mm |
| Width | 27 mm |
| d | 50 mm |
| D | 110 mm |
| B | 27 mm |
| C | 27 mm |
| r min. | 2 mm |
| da min. | 60 mm |
| Da max. | 100 mm |
| ra max. | 2.0 mm |
| Weight | 1.07 Kg |
| Basic dynamic load rating (C) | 62 kN |
| Basic static load rating (C0) | 38 kN |
| (Grease) Lubrication Speed | 6200 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 |
| Maximum Capacity / Filling | No |



SMOOTH BEARING MFG.CORP.

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|---------------------------|--|
| Slot | |
| Rolling Element | Ball Bearing |
| Snap Ring | No |
| Internal Special Features | No |
| Cage Material | Steel |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 50MM Bore; 110MM Outside Diameter; 27MM 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 | http://www.nachiamerica.com |
| Outer Race Width | 1.063 Inch 27 Millimeter |
| Inner Race Width | 0 Inch 0 Millimeter |
| Outside Diameter | 4.331 Inch 110 Millimeter |
| Bore | 1.969 Inch 50 Millimeter |
| Bore Type | Cylindrical Bore |
| Configuration | Single Row |
| Bore Size | 50 mm |
| Width | 27 mm |
| Fillet Radius/Chamfer | 2 mm |
| Dynamic Load Rating | 62,000 N |
| Static Load Rating | 38,000 N |



SMOOTH BEARING MFG.CORP.

| | |
|-------------------------|-------------------|
| Limiting Speed - Grease | 6,400 rpm |
| Limiting Speed - Oil | 7,500 rpm |
| Factor f_0 | 13.1 |
| Radial Clearance | 0.006 to 0.023 mm |
| d_a (min) | 60 mm |
| D_a (max) | 100 mm |
| r_a (max) | 2 mm |