



BROWNING BEARING COMPANY



50 mm x 110 mm x 27 mm nsk 6310 bearing

Bearing No. 6310

| | |
|-------------------------------|--------------------------|
| 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. | 59 mm |
| da max | 68 mm |
| Da max. | 101 mm |
| ra max. | 2 mm |
| Weight | 1,06 Kg |
| Basic dynamic load rating (C) | 62 kN |
| Basic static load rating (C0) | 38,5 kN |
| (Grease) Lubrication Speed | 6 000 r/min |
| (Oil) Lubrication Speed | 7 500 r/min |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NSK |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 1.06 |
| EAN | 0029176017070 |
| Product Group | B00308 |
| Enclosure | Open |

6310 Bearing 2D drawings and 3D CAD models



BROWNING BEARING COMPANY

| | |
|---------------------------------|---|
| Precision Class | ABEC 1 ISO P0 |
| 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 | 50MM Bore; 110MM Outside Diameter; 27MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Category | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.nskamericas.com |
| Manufacturer Item Number | 6310 |
| Weight / LBS | 1.062 |
| Outside Diameter | 4.331 Inch 110 Millimeter |
| Outer Race Width | 1.063 Inch 27 Millimeter |
| Bore | 1.969 Inch 50 Millimeter |
| bore diameter: | 50 mm |
| internal clearance: | C0 |
| outside diameter: | 110 mm |
| dynamic load capacity: | 62000 N |
| overall width: | 27 mm |
| precision rating: | ABEC1, P0 |
| | |



BROWNING BEARING COMPANY

| | |
|-----------------------|--------------------------|
| bore type: | Round |
| finish/coating: | Uncoated |
| closure type: | Open |
| cage material: | Steel Cage |
| row type & fill slot: | Single Row Non-Fill Slot |
| maximum rpm: | 7500 rpm |
| snap ring included: | Without Snap Ring |
| SRI | 9.86 |
| hidYobi | 6310 |
| LangID | 1 |
| D_ | 110 |
| SREX | 0.04 |
| B_ | 27 |
| da min | 59 |
| hidTable | ecat_NS RDGB |
| Oil rpm | 7500 |
| SRE | 9.86 |
| mass | 1.06 |
| GRS rpm | 6000 |
| ra | 2 |
| SRIX | 0.04 |
| D_a | 101 |
| SRIN | -0.04 |
| C0 | 38.5 |
| fo | 13.2 |
| SREN | -0.04 |
| DE_ | 101.05 |
| Prod_Type3 | DGBB_SR_OT |
| DA_ | 19.05 |
| bomp | 0 |
| Z_ | 8 |
| yobi | 6310 |
| | |



BROWNING BEARING COMPANY

| | |
|--------|-------|
| C_conv | 62000 |
| ALPHA_ | 0 |
| SDM_ | 82 |
| r | 2 |
| KBRG | 6101 |
| SBRG | 3 |
| DI_ | 62.95 |