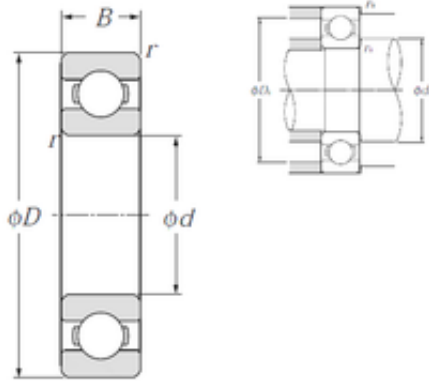




NTN DRIVESHAFT,INC.

100 mm x 150 mm x 16 mm NTN 16020 Deep Groove Ball Bearings

Bearing No. 16020



16020 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|---------------|
| Size | 100x150x16 mm |
| Bore Diameter | 100 mm |
| Outer Diameter | 150 mm |
| Width | 16 mm |
| d | 100 mm |
| D | 150 mm |
| B | 16 mm |
| C | 16 mm |
| r min. | 1 mm |
| da min. | 105 mm |
| Da max. | 145 mm |
| ra max. | 1 mm |
| Weight | 0,91 Kg |
| Basic dynamic load rating (C) | 35 kN |
| Basic static load rating (C0) | 36,5 kN |
| (Grease) Lubrication Speed | 4 200 r/min |
| (Oil) Lubrication Speed | 5 000 r/min |
| rs min | 1 mm |
| Radial clearance class | CN |
| Mass | 0.91 kg |
| Dynamic load, C | 35 kN |
| Static load, C0 | 36.5 kN |
| Fatigue limit load, Cu | 1.48 kN |
| f0 | 16.4 |
| Nlim (oil) | 5,000 rpm |



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| | |
|---|--|
| Nlim (grease) | 4,200 rpm |
| Min operating temperature, Tmin | -20 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.46 Hz |
| Characteristic rolling element frequency, BSF | 12.03 Hz |
| Characteristic outer ring frequency, BPF0 | 9.63 Hz |
| Characteristic inner ring frequency, BRF1 | 11.37 Hz |
| da min | 105 mm |
| Da max | 145 mm |
| ra max | 1 mm |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.93 |
| EAN | 4547359515817 |
| Product Group | B00308 |
| Enclosure | Open |
| 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 | 100MM Bore; 150MM Outside Diameter; 16MM |



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| | |
|--------------------------|--|
| | 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 Radial |
| Category | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.ntnamerica.com |
| Weight / LBS | 2.1241 |
| Inner Race Width | 0 Inch 0 Millimeter |
| Outer Race Width | 0.63 Inch 16 Millimeter |
| Bore | 3.937 Inch 100 Millimeter |
| Outside Diameter | 5.906 Inch 150 Millimeter |
| bore diameter: | 100 mm |
| closure type: | Open |
| outside diameter: | 150 mm |
| internal clearance: | CN |
| overall width: | 16 mm |
| manufacturer upc number: | 4547359515817 |
| bore type: | Round |