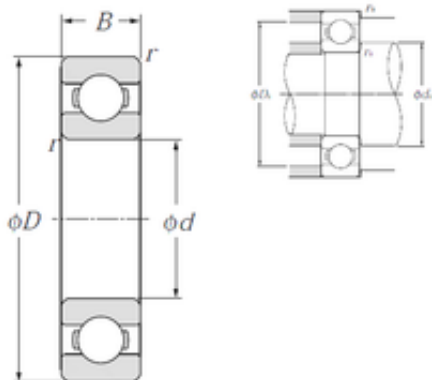




BEARING-MALAYSIA SDN.BHD.

105 mm x 225 mm x 49 mm NTN 6321 deep groove ball bearings



Bearing No. 6321

6321 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|---------------|
| Size | 105x225x49 mm |
| Bore Diameter | 105 mm |
| Outer Diameter | 225 mm |
| Width | 49 mm |
| d | 105 mm |
| D | 225 mm |
| B | 49 mm |
| C | 49 mm |
| r min. | 3 mm |
| da min. | 118 mm |
| da max | 134 mm |
| Da max. | 212 mm |
| ra max. | 2,5 mm |
| Weight | 8,05 Kg |
| Basic dynamic load rating (C) | 184 kN |
| Basic static load rating (C0) | 153 kN |
| (Grease) Lubrication Speed | 3 000 r/min |
| (Oil) Lubrication Speed | 3 600 r/min |
| rs min | 3 mm |
| Radial clearance class | CN |
| Mass | 8.05 kg |
| Dynamic load, C | 184 kN |
| Static load, C0 | 153 kN |
| Fatigue limit load, Cu | 5.4 kN |
| f0 | 13.2 |



BEARING-MALAYSIA SDN.BHD.

| | |
|---|--|
| Nlim (oil) | 3,600 rpm |
| Nlim (grease) | 3,000 rpm |
| Min operating temperature, Tmin | -20 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.38 Hz |
| Characteristic rolling element frequency, BSF | 4.1 Hz |
| Characteristic outer ring frequency, BPF0 | 3.08 Hz |
| Characteristic inner ring frequency, BRF1 | 4.92 Hz |
| da min | 118 mm |
| Da max | 212 mm |
| ra max | 2.5 mm |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 8.09 |
| Product Group | B04334 |
| 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 | 105MM Bore; 225MM Outside Diameter; 49MM |



BEARING-MALAYSIA SDN.BHD.

| | |
|----------------------------|---|
| | 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.ntnamerica.com |
| Manufacturer Item Number | 6321 |
| Weight / LBS | 17.813 |
| Outside Diameter | 8.858 Inch 225 Millimeter |
| Bore | 4.134 Inch 105 Millimeter |
| Outer Race Width | 1.929 Inch 49 Millimeter |
| outside diameter: | 5.1875 in |
| series: | 63 |
| cup width: | 1.7500 in |
| finish/coating: | Uncoated |
| single or double cup: | Single Cup |
| manufacturer product page: | Click here |
| material: | Case Carburized Steel |
| manufacturer upc number: | 4547359402933 |
| fillet radius: | 0.13 in |