



161.45.2510.890.11.1503 thyssenkrupp rothe erde slewing bearing

Bearing No. 6314

6314 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|--------------|
| Size | 70x150x35 mm |
| Bore Diameter | 70 mm |
| Outer Diameter | 150 mm |
| Width | 35 mm |
| d | 70 mm |
| D | 150 mm |
| B | 35 mm |
| C | 35 mm |
| r min. | 2,1 mm |
| da min. | 81 mm |
| da max | 92,5 mm |
| Da max. | 139 mm |
| ra max. | 2 mm |
| Weight | 2,52 Kg |
| Basic dynamic load rating (C) | 104 kN |
| Basic static load rating (C0) | 68 kN |
| (Grease) Lubrication Speed | 4 600 r/min |
| (Oil) Lubrication Speed | 5 400 r/min |
| rs min | 2.1 mm |
| Radial clearance class | CN |
| Mass | 2.52 kg |
| Dynamic load, C | 104 kN |
| Static load, C0 | 68 kN |
| Fatigue limit load, Cu | 2.95 kN |
| f0 | 13.2 |



Wanda Slewing Bearing Supplier

| | |
|---|--------------------------|
| Nlim (oil) | 5,400 rpm |
| Nlim (grease) | 4,600 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 | 81 mm |
| Da max | 139 mm |
| ra max | 2 mm |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 2.56 |
| EAN | 4547359005776 |
| 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 |
| | |



Wanda Slewing Bearing Supplier

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|--------------------------|---|
| Long Description | 70MM Bore; 150MM Outside Diameter; 35MM 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 | 6314 |
| Weight / LBS | 5.627 |
| Outside Diameter | 5.906 Inch 150 Millimeter |
| Bore | 2.756 Inch 70 Millimeter |
| Outer Race Width | 1.378 Inch 35 Millimeter |
| bore diameter: | 70 mm |
| finish/coating: | Uncoated |
| outside diameter: | 150 mm |
| bearing material: | High Carbon Chrome Steel |
| overall width: | 35 mm |
| cage material: | Steel |
| bore type: | Round |
| inner ring width: | 35 mm |
| closure type: | Open |
| outer ring width: | 35 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| maximum rpm (grease): | 4600 rpm |
| snap ring included: | Without Snap Ring |
| maximum rpm (oil): | 5400 rpm |
| internal clearance: | CN |
| | |



Wanda Slewing Bearing Supplier

| | |
|------------------------------|----------------------------|
| fillet radius: | 2.1 mm |
| operating temperature range: | -40 to 120 ° C |
| maximum rpm: | 5400 RPM |
| dynamic load capacity: | 104000 N |
| series: | 63 |
| static load capacity: | 68000 N |
| manufacturer product page: | Click here |
| precision rating: | Class 0 |