

# NTN 4T-46162/46368 tapered roller bearings

The online NTN 4T-46162/46368 tapered roller bearings parts store gives you immediate access to 50 mm d a selection of 90 mm D more than 1.4 million new, used, remanufactured.

|   |           |
|---|-----------|
| d   | 50 mm     |
| D   | 90 mm     |
| B   | 20 mm     |
| rs min  | 1.1 mm    |
| Radial clearance class                                | CN        |
| Mass  | 0.45 kg   |
| Dynamic load, C                                       | 35 kN     |
| Static load, C <sub>0</sub>                           | 23.2 kN   |
| Fatigue limit load, C <sub>u</sub>                    | 1.05 kN   |
| f <sub>0</sub>  | 14.4      |
| N <sub>lim</sub> (oil)                                | 8,300 rpm |
| N <sub>lim</sub> (grease)                             | 7,100 rpm |
| Min operating temperature, T <sub>min</sub>           | -20 °C    |
| Max operating temperature, T <sub>max</sub>           | 120 °C    |
| Characteristic cage frequency, FTF                    | 0.41 Hz   |
| Characteristic rolling element frequency, BSF         | 5.33 Hz   |
| Characteristic outer ring frequency, BPF <sub>0</sub> | 4.09 Hz   |
| Characteristic inner ring frequency, BPF <sub>I</sub> | 5.91 Hz   |
| da min  | 56.5 mm   |

|                                 |  |
|---------------------------------|--|
| Da max                          | 83.5 mm  |
| ra max                          | 1 mm   |
| Inventory                       | 0.0  |
| Manufacturer Name               | NTN  |
| Minimum Buy Quantity            | N/A  |
| Weight / Kilogram               | 0.551  |
| 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                   | Brass  |
| Internal Clearance              | C0-Medium  |
| Inch – Metric                   | Metric   |
| Long Description                | 50MM Bore; 90MM Outside Diameter; 20MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Fil |
| Other Features                  | Deep Groove   Riveted Solid Cage   |
| UNSPSC                          | 31171504   |
| Harmonized Tariff Code          | 8482.10.50.68  |
| Noun                            | Bearing  |
| Keyword String                  | Ball   |
| Weight / LBS                    | 1.0229   |
| Outer Race Width                | 0.787 Inch   20 Millimeter   |
| Outside Diameter                | 3.543 Inch   90 Millimeter   |
| Inner Race Width                | 0 Inch   0 Millimeter  |

|      |                            |
|------|----------------------------|
| Bore | 1.969 Inch   50 Millimeter |
|------|----------------------------|