



Bearing No. 4T-HM903249/HM903210

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|----------------|----------------------|
| a | 31.36 mm |
| D | 95,25 mm |
| C | 22,225 mm |
| B | 28,575 mm |
| T | 30,958 mm |
| e | 0.74 |
| d | 44,45 mm |
| Y2 | 0.81 |
| d1 | 71.5 mm |
| Y0 | 0.45 |
| da | 65 mm |
| Db | 91 mm |
| db | 54 mm |
| Da | 81 mm |
| a - | 0,4 mm |
| Mass | 1 kg |
| Weight | 1 Kg |
| ra max | 3.5 mm |
| ra max. | 3,5 mm |
| r1a max | 0.8 mm |
| ra1 max. | 0,8 mm |
| Category | Bearings |
| Inventory | 0.0 |
| Size (mm) | 44.45x95.25x30.958 |
| Width (mm) | 30,958 |
| Nlim (oil) | 4,900 rpm |
| Nlim (grease) | 3,700 rpm |
| Product Group | B04334 |
| Bearing number | 4T-HM903249/HM903210 |
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|---|-------------|
| Dynamic load, C | 96 kN |
| Static load, C0 | 116 kN |
| Weight / Kilogram | 0.988 |
| Manufacturer Name | NTN |
| Bore Diameter (mm) | 44,45 |
| Outer Diameter (mm) | 95,25 |
| Minimum Buy Quantity | N/A |
| Calculation factor (e) | 0,74 |
| Fatigue limit load, Cu | 14.1 kN |
| Calculation factor (Y0) | 0,45 |
| (Oil) Lubrication Speed | 4 900 r/min |
| (Grease) Lubrication Speed | 3 700 r/min |
| Rating life coefficient, A2 | 1.4 |
| Basic static load rating (C0) | 116 kN |
| Basic dynamic load rating (C) | 96 kN |
| Max operating temperature, Tmax | 120 °C |
| Min operating temperature, Tmin | -40 °C |
| Characteristic cage frequency, FTF | 0.43 Hz |
| Characteristic outer ring frequency, BPF0 | 6.82 Hz |
| Characteristic inner ring frequency, BPF1 | 9.18 Hz |
| Characteristic rolling element frequency, BSF | 5.93 Hz |