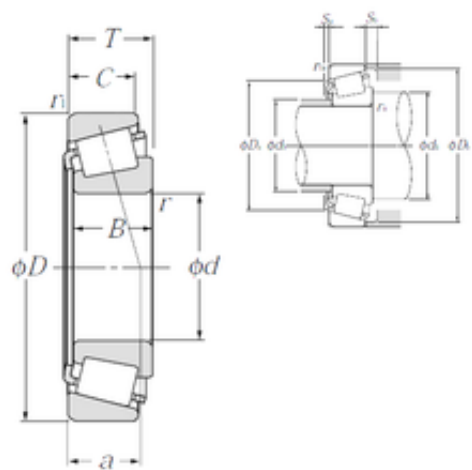




Bearing No. 4T-30307D

|         |          |
|---------|----------|
| B       | 21 mm    |
| e       | 0.83     |
| d       | 35 mm    |
| D       | 80 mm    |
| T       | 22,75 mm |
| C       | 15 mm    |
| a       | 26 mm    |
| Y2      | 0.73     |
| Sa      | 3 mm     |
| d1      | 59.5 mm  |
| Y0      | 0.4      |
| Sb      | 7,5 mm   |
| Mass    | 0.53 kg  |
| ra max  | 2 mm     |
| Weight  | 0,53 Kg  |
| Ca min  | 3 mm     |
| Db min  | 76.5 mm  |
| r min.  | 2 mm     |
| Da max  | 71.5 mm  |
| rs min  | 2 mm     |
| Da min  | 62 mm    |
| Cb min  | 7.5 mm   |
| db min  | 45 mm    |
| da max  | 44 mm    |
| r1s min | 1.5 mm   |
| ra max. | 2 mm     |
| r1a max | 1.5 mm   |
| Db min. | 76,5 mm  |
| db max. | 44 mm    |
| Da max. | 71,5 mm  |
|         |          |

|                                 |                 |
|---------------------------------|-----------------|
| da min.                         | 45 mm           |
| r1 min.                         | 1,5 mm          |
| ra1 max.                        | 1,5 mm          |
| Category                        | Roller Bearings |
| Size (mm)                       | 35x80x22.75     |
| Inventory                       | 0.0             |
| Nlim (oil)                      | 5,800 rpm       |
| Width (mm)                      | 22,75           |
| Nlim (grease)                   | 4,400 rpm       |
| Product Group                   | B04336          |
| Bearing number                  | 4T-30307D       |
| Static load, C0                 | 70 kN           |
| Dynamic load, C                 | 63.5 kN         |
| ISO 355 reference               | T7FB035         |
| Weight / Kilogram               | 0               |
| Manufacturer Name               | NTN             |
| Bore Diameter (mm)              | 35              |
| Outer Diameter (mm)             | 80              |
| Minimum Buy Quantity            | N/A             |
| Calculation factor (e)          | 0,83            |
| Fatigue limit load, Cu          | 8.5 kN          |
| (Oil) Lubrication Speed         | 5 800 r/min     |
| Calculation factor (Y0)         | 0,4             |
| (Grease) Lubrication Speed      | 4 400 r/min     |
| Rating life coefficient, A2     | 1.4             |
| Basic static load rating (C0)   | 70 kN           |
| Basic dynamic load rating (C)   | 63,5 kN         |
| Max operating temperature, Tmax | 120 °C          |
| Min operating temperature, Tmin | -40 °C          |

|                                               |         |
|-----------------------------------------------|---------|
| Characteristic cage frequency, FTF            | 0.42 Hz |
| Characteristic inner ring frequency, BPFI     | 9.24 Hz |
| Characteristic outer ring frequency, BPF0     | 6.76 Hz |
| Characteristic rolling element frequency, BSF | 5.53 Hz |