

# NTN PK44.4XPK53.9X31.7 needle roller bearings

Our highly-skilled and factory-trained 17 mm B service experts have the resources to help you 35 mm d with all your NTN PK44.4XPK53.9X31.7 needle roller bearings needs – including routine maintenance, major 72 mm D repairs, warranty service, and equipment inspections.

|                                 |           |
|---------------------------------|-----------|
| d                               | 35 mm     |
| D                               | 72 mm     |
| B                               | 17 mm     |
| a min                           | 3.07 mm   |
| a max                           | 3.28 mm   |
| rs min                          | 1.1 mm    |
| rNs min                         | 0.5 mm    |
| D3 max                          | 68.81 mm  |
| b min                           | 1.9 mm    |
| b max                           | 2.2 mm    |
| r0 max                          | 0.6 mm    |
| Radial clearance class          | C3        |
| Mass                            | 0.29 kg   |
| Dynamic load, C                 | 25.7 kN   |
| Static load, C0                 | 15.3 kN   |
| Fatigue limit load, Cu          | 0.7 kN    |
| f0                              | 13.8      |
| Nlim (grease)                   | 6,300 rpm |
| Min operating temperature, Tmin | -25 °C    |
| Max operating temperature, Tmax | 110 °C    |

|   |         |
|---|---------|
| Characteristic cage frequency, FTF            | 0.4 Hz  |
| Characteristic rolling element frequency, BSF | 4.61 Hz |
| Characteristic outer ring frequency, BPF0     | 3.56 Hz |
| Characteristic inner ring frequency, BRFI     | 5.44 Hz |
| da min  | 41.5 mm |
| da max  | 45 mm   |
| Da max  | 65.5 mm |
| ra max  | 1 mm    |
| rNa max                                       | 0.5 mm  |