

ISO NP1920 cylindrical roller bearings

Our highly-skilled and factory-trained service experts have the resources to help you with all your ISO NP1920 cylindrical roller bearings 130 mm d needs – including routine maintenance, major repairs, warranty service, and equipment inspections.

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|-------------------------|-----------|
| d | 130 mm |
| D | 200 mm |
| B | 33 mm |
| d1 | 153.9 mm |
| d2 | 148.5 mm |
| D1 | 176.2 mm |
| D2 | 187 mm |
| a | 55.2 mm |
| Contact angle α | 25 ° |
| rs min | 2 mm |
| r1s min | 1 mm |
| f θ | 16.1 |
| Precision class | P42 |
| Mass | 3.25 kg |
| Dynamic load, C | 126 kN |
| Static load, C θ | 136 kN |
| Nlim (oil) | 9,900 rpm |
| Nlim (grease) | 6,200 rpm |
| Preload level | GN |
| Preload value | 1.27 kN |

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|---|----------------|
| Axial rigidity | 390 N/ μ m |
| Radial rigidity | 830 N/ μ m |
| Min operating temperature, T _{min} | -20 °C |
| Max operating temperature, T _{max} | 120 °C |
| Characteristic cage frequency, FTF | 0.44 Hz |
| Characteristic rolling element frequency, BSF | 7.9 Hz |
| Characteristic outer ring frequency, BPF ₀ | 9.75 Hz |
| Characteristic inner ring frequency, BRFI | 12.25 Hz |
| d _{a min} | 140 mm |
| D _{a max} | 190 mm |
| D _{b max} | 194.5 mm |
| r _{1a max} | 1 mm |
| r _{a max} | 2 mm |
| D ₆ | 153.9 mm |