

1220S NTN Basic static load rating (C0) 29.7 kN 100x180x34mm Self aligning ball bearings

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|---------------------------------|------------|
| rs min | 2.1 mm |
| e | 0.17 |
| Y1 | 3.6 |
| Y2 | 5.6 |
| Y0 | 3.8 |
| Radial clearance class | CN |
| Precision class | P0 |
| Mass | 3.82 kg |
| Dynamic load, C | 69.5 kN |
| Static load, C0 | 29.7 kN |
| Nlim (oil) | 3.800 rpm |
| Nlim (grease) | 3.200 rpm |
| Min operating temperature, Tmin | -20 °C |
| Max operating temperature, Tmax | 120 °C |
| da min | 111 mm |
| Da max | 169 mm |
| ra max | 2 mm |
| Bearing number | 1220S |
| Size (mm) | 100x180x34 |
| Brand | NTN |
| Bore Diameter (mm) | 100 |
| Outer Diameter (mm) | 180 |

| | |
|-------------------------------|-------------|
| Width (mm) | 34 |
| d | 100 mm |
| D | 180 mm |
| B | 34 mm |
| C | 34 mm |
| r min. | 2.1 mm |
| da min. | 111 mm |
| Da max. | 169 mm |
| ra max. | 2 mm |
| Weight | 3.82 Kg |
| Basic dynamic load rating (C) | 69.5 kN |
| Basic static load rating (C0) | 29.7 kN |
| (Grease) Lubrication Speed | 3 200 r/min |
| (Oil) Lubrication Speed | 3 800 r/min |
| Calculation factor (e) | 0.17 |
| Calculation factor (Y0) | 3.8 |
| Calculation factor (Y1) | 3.6 |