

**Bearing No. 81228**

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|---|---|
| B | 13.5 mm |
| d | 140,000 mm |
| D | 200,000 mm |
| T | 46,000 mm |
| Ea | 189 mm |
| Dc | 200 mm |
| Ca | 370 kN |
| Lw | 19 mm |
| Dw | 19 mm |
| D1 | 143 mm |
| Eb | 150.1 mm |
| d1 | 197 mm |
| Dc1 | 140 mm |
| C0a | 1,280 kN |
| Mass | 4.57 kg |
| da min | 188 mm |
| rs min | 1.5 mm |
| Db max | 150 mm |
| ras max | 1.5 mm |
| Size (mm) | 140x200x46 |
| Width (mm) | 46,000 |
| Nlim (oil) | 1,400 rpm |
| Nlim (grease) | 350 rpm |
| Bearing number | 81228 |
| Precision class | P0 |
| Bore Diameter (mm) | 140,000 |
| Cage assembly mass | 1.2 kg |
| Outer Diameter (mm) | 200,000 |
| Cage assembly reference | K81228 |
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|---|---|
| Bearing ring (inner ring) WS | WS81228 |
| Bearing ring (outer ring) GS | GS81228 |
| Max operating temperature, Tmax | 120 °C |
| Min operating temperature, Tmin | -20 °C |
| Bearing ring (inner ring) WS mass | 1.69 kg |
| Bearing ring (outer ring) GS mass | 1.69 kg |
| Characteristic cage frequency, FTF | 0.5 Hz |
| Characteristic outer ring frequency, BPF0 | 9 Hz |
| Characteristic inner ring frequency, BPFI | 9 Hz |
| Characteristic rolling element frequency, BSF | 8.92 Hz |