

24196B NTN 480x790x308mm

Calculation factor (e) 0.39

Spherical roller bearings

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|---|-----------|
| d2 | 570 mm |
| D1 | 670.7 mm |
| rs min | 7.5 mm |
| Number of lubrication holes | 8 |
| b | 33 mm |
| k | 20 mm |
| e | 0.39 |
| Y1 | 1.74 |
| Y2 | 2.59 |
| Y0 | 1.7 |
| Radial clearance class | CN |
| Dynamic load, C | 7.450 kN |
| Static load, C0 | 15.300 kN |
| Fatigue limit load, Cu | 903 kN |
| Nref | 230 rpm |
| Nlim | 640 rpm |
| Min operating temperature, Tmin | -40 °C |
| Max operating temperature, Tmax | 120 °C |
| Characteristic cage frequency, FTF | 0.44 Hz |
| Characteristic rolling element frequency, BSF | 8.05 Hz |
| Characteristic outer ring frequency, BPF0 | 9.7 Hz |
| Characteristic inner ring frequency, BRFI | 12.3 Hz |
| da min | 512 mm |
| Da max | 758 mm |

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|-------------------------------|-------------|
| ra max | 6 mm |
| Bearing number | 24196B |
| Size (mm) | 480x790x308 |
| Brand | NTN |
| Bore Diameter (mm) | 480 |
| Outer Diameter (mm) | 790 |
| Width (mm) | 308 |
| d | 480 mm |
| D | 790 mm |
| B | 308 mm |
| C | 308 mm |
| r min. | 7.5 mm |
| da min. | 516 mm |
| Da max. | 754 mm |
| ra max. | 6 mm |
| Weight | 608 Kg |
| Basic dynamic load rating (C) | 7 450 kN |
| Basic static load rating (C0) | 15 300 kN |
| (Grease) Lubrication Speed | 350 r/min |
| (Oil) Lubrication Speed | 450 r/min |
| Calculation factor (e) | 0.39 |
| Calculation factor (Y0) | 1.7 |
| Calculation factor (Y1) | 1.74 |