



Bearing No. NUP2209

|                   |           |
|-------------------|-----------|
| J                 | 59 mm     |
| D                 | 85 mm     |
| F                 | 55 mm     |
| C                 | 23 mm     |
| E                 | 75 mm     |
| B                 | 23 mm     |
| d                 | 45 mm     |
| Fw                | 55 mm     |
| d1                | 59 mm     |
| rs min            | 1.1 mm    |
| r min.            | 1,1 mm    |
| da min            | 51.5 mm   |
| Weight            | 0,53 Kg   |
| ra max            | 1 mm      |
| Da max            | 78.5 mm   |
| dc min            | 61 mm     |
| r1s min           | 1.1 mm    |
| r1 min.           | 1,1 mm    |
| Category          | Bearings  |
| Inventory         | 0.0       |
| Size (mm)         | 45x85x23  |
| Nlim (oil)        | 9,000 rpm |
| Width (mm)        | 23        |
| Product Group     | B04144    |
| Nlim (grease)     | 7,600 rpm |
| Bearing number    | NUP2209   |
| Static load, C0   | 68 kN     |
| Dynamic load, C   | 61.5 kN   |
| Weight / Kilogram | 0.556     |
| Manufacturer Name | NTN       |

|   |             |
|---|-------------|
| Bore Diameter (mm)                            | 45          |
| Outer Diameter (mm)                           | 85          |
| Minimum Buy Quantity                          | N/A         |
| Fatigue limit load, Cu                        | 8.3 kN      |
| Mass (without HJ ring)                        | 0.56 kg     |
| Radial clearance class                        | CN          |
| (Grease) Lubrication Speed                    | 7 600 r/min |
| Basic static load rating (C0)                 | 68 kN       |
| Basic dynamic load rating (C)                 | 61,5 kN     |
| Max operating temperature, Tmax               | 120 °C      |
| Min operating temperature, Tmin               | -40 °C      |
| Characteristic cage frequency, FTF            | 0.42 Hz     |
| Characteristic inner ring frequency, BPF1     | 8.08 Hz     |
| Characteristic outer ring frequency, BPF0     | 5.92 Hz     |
| Characteristic rolling element frequency, BSF | 6.35 Hz     |