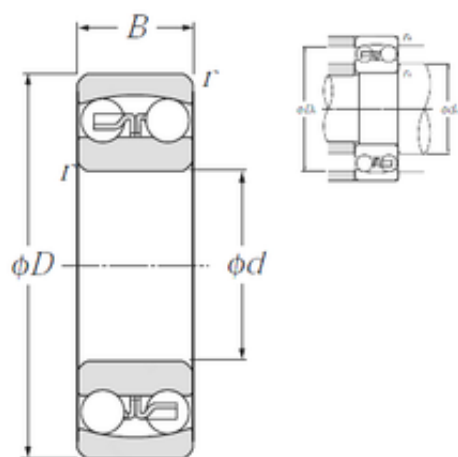




Bearing No. 2318S

|                        |           |
|------------------------|-----------|
| e                      | 0.38      |
| d                      | 90 mm     |
| D                      | 190 mm    |
| B                      | 64 mm     |
| C                      | 64 mm     |
| Y1                     | 1.7       |
| Y2                     | 2.6       |
| Y0                     | 1.7       |
| Mass                   | 7.76 kg   |
| ra max                 | 2.5 mm    |
| Weight                 | 7,76 Kg   |
| rs min                 | 3 mm      |
| da min                 | 103 mm    |
| r min.                 | 3 mm      |
| Da max                 | 177 mm    |
| ra max.                | 2,5 mm    |
| da min.                | 103 mm    |
| Da max.                | 177 mm    |
| Size (mm)              | 90x190x64 |
| Nlim (oil)             | 3,600 rpm |
| Width (mm)             | 64        |
| Nlim (grease)          | 2,800 rpm |
| Bearing number         | 2318S     |
| Dynamic load, C        | 154 kN    |
| Precision class        | P0        |
| Static load, C0        | 57.5 kN   |
| Bore Diameter (mm)     | 90        |
| Outer Diameter (mm)    | 190       |
| Calculation factor (e) | 0,38      |
| Radial clearance class | CN        |
|                        |           |

|                                 |             |
|---------------------------------|-------------|
| Calculation factor (Y1)         | 1,7         |
| (Oil) Lubrication Speed         | 3 600 r/min |
| Calculation factor (Y0)         | 1,7         |
| (Grease) Lubrication Speed      | 2 800 r/min |
| Basic static load rating (C0)   | 57,5 kN     |
| Basic dynamic load rating (C)   | 154 kN      |
| Min operating temperature, Tmin | -20 °C      |
| Max operating temperature, Tmax | 120 °C      |