

# 2305S NTN 25x62x24mm Precision class P0 Self aligning ball bearings

|                                 |            |
|---------------------------------|------------|
| rs min                          | 1.1 mm     |
| e                               | 0.47       |
| Y1                              | 1.4        |
| Y2                              | 2.1        |
| Y0                              | 1.4        |
| Radial clearance class          | CN         |
| Precision class                 | P0         |
| Mass                            | 0.32 kg    |
| Dynamic load, C                 | 24.9 kN    |
| Static load, C0                 | 6.6 kN     |
| Nlim (oil)                      | 12.000 rpm |
| Nlim (grease)                   | 9.500 rpm  |
| Min operating temperature, Tmin | -20 °C     |
| Max operating temperature, Tmax | 120 °C     |
| da min                          | 31.5 mm    |
| Da max                          | 55.5 mm    |
| ra max                          | 1 mm       |
| Bearing number                  | 2305S      |
| Size (mm)                       | 25x62x24   |
| Brand                           | NTN        |
| Bore Diameter (mm)              | 25         |
| Outer Diameter (mm)             | 62         |
| Width (mm)                      | 24         |
| d                               | 25 mm      |

|                               |              |
|-------------------------------|--------------|
| D                             | 62 mm        |
| B                             | 24 mm        |
| C                             | 24 mm        |
| r min.                        | 1.1 mm       |
| da min.                       | 31.5 mm      |
| Da max.                       | 55.5 mm      |
| ra max.                       | 1 mm         |
| Weight                        | 0.319 Kg     |
| Basic dynamic load rating (C) | 24.9 kN      |
| Basic static load rating (C0) | 6.6 kN       |
| (Grease) Lubrication Speed    | 9 500 r/min  |
| (Oil) Lubrication Speed       | 12 000 r/min |
| Calculation factor (e)        | 0.47         |
| Calculation factor (Y0)       | 1.4          |
| Calculation factor (Y1)       | 1.4          |