

# 1207S          NTN          35x72x17mm

## Calculation factor (e) 0.23

### Self aligning ball bearings

|                                 |            |
|---------------------------------|------------|
| rs min                          | 1.1 mm     |
| e                               | 0.23       |
| Y1                              | 2.7        |
| Y2                              | 4.2        |
| Y0                              | 2.8        |
| Radial clearance class          | CN         |
| Precision class                 | P0         |
| Mass                            | 0.32 kg    |
| Dynamic load, C                 | 15.9 kN    |
| Static load, C0                 | 5.1 kN     |
| Nlim (oil)                      | 10.000 rpm |
| Nlim (grease)                   | 8.500 rpm  |
| Min operating temperature, Tmin | -20 °C     |
| Max operating temperature, Tmax | 120 °C     |
| da min                          | 41.5 mm    |
| Da max                          | 65.5 mm    |
| ra max                          | 1 mm       |
| Bearing number                  | 1207S      |
| Size (mm)                       | 35x72x17   |
| Brand                           | NTN        |
| Bore Diameter (mm)              | 35         |
| Outer Diameter (mm)             | 72         |
| Width (mm)                      | 17         |
| d                               | 35 mm      |

|                               |              |
|-------------------------------|--------------|
| D                             | 72 mm        |
| B                             | 17 mm        |
| C                             | 17 mm        |
| r min.                        | 1.1 mm       |
| da min.                       | 41.5 mm      |
| Da max.                       | 65.5 mm      |
| ra max.                       | 1 mm         |
| Weight                        | 0.32 Kg      |
| Basic dynamic load rating (C) | 15.9 kN      |
| Basic static load rating (C0) | 5.1 kN       |
| (Grease) Lubrication Speed    | 8 500 r/min  |
| (Oil) Lubrication Speed       | 10 000 r/min |
| Calculation factor (e)        | 0.23         |
| Calculation factor (Y0)       | 2.8          |
| Calculation factor (Y1)       | 2.7          |