

# 1303S NTN Basic dynamic load rating (C) 12.7 kN 17x47x14mm Self aligning ball bearings

|                                 |            |
|---------------------------------|------------|
| rs min                          | 1 mm       |
| e                               | 0.32       |
| Y1                              | 2          |
| Y2                              | 3.1        |
| Y0                              | 2.1        |
| Radial clearance class          | CN         |
| Precision class                 | P0         |
| Mass                            | 0.13 kg    |
| Dynamic load, C                 | 12.7 kN    |
| Static load, C0                 | 3.2 kN     |
| Nlim (oil)                      | 17.000 rpm |
| Nlim (grease)                   | 14.000 rpm |
| Min operating temperature, Tmin | -20 °C     |
| Max operating temperature, Tmax | 120 °C     |
| da min                          | 22 mm      |
| Da max                          | 42 mm      |
| ra max                          | 1 mm       |
| Bearing number                  | 1303S      |
| Size (mm)                       | 17x47x14   |
| Brand                           | NTN        |
| Bore Diameter (mm)              | 17         |
| Outer Diameter (mm)             | 47         |
| Width (mm)                      | 14         |
| d                               | 17 mm      |

|                               |              |
|-------------------------------|--------------|
| D                             | 47 mm        |
| B                             | 14 mm        |
| C                             | 14 mm        |
| r min.                        | 1 mm         |
| da min.                       | 22 mm        |
| Da max.                       | 42 mm        |
| ra max.                       | 1 mm         |
| Weight                        | 0.13 Kg      |
| Basic dynamic load rating (C) | 12.7 kN      |
| Basic static load rating (C0) | 3.2 kN       |
| (Grease) Lubrication Speed    | 14 000 r/min |
| (Oil) Lubrication Speed       | 17 000 r/min |
| Calculation factor (e)        | 0.32         |
| Calculation factor (Y0)       | 2.1          |
| Calculation factor (Y1)       | 2            |