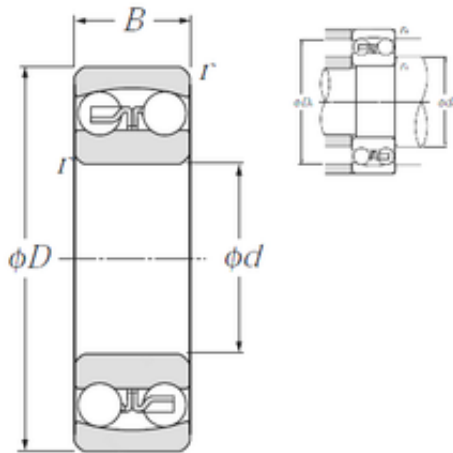




## Double BALL BEARINGS CO, LTD



15 mm x 35 mm x 11 mm NTN 1202S self aligning ball bearings

Bearing No. 1202S

1202S Bearing 2D drawings and 3D CAD models

|                               |              |
|-------------------------------|--------------|
| Size                          | 15x35x11 mm  |
| Bore Diameter                 | 15 mm        |
| Outer Diameter                | 35 mm        |
| Width                         | 11 mm        |
| d                             | 15 mm        |
| D                             | 35 mm        |
| B                             | 11 mm        |
| C                             | 11 mm        |
| r min.                        | 0,6 mm       |
| da min.                       | 19 mm        |
| Da max.                       | 31 mm        |
| ra max.                       | 0,6 mm       |
| Weight                        | 0,051 Kg     |
| Basic dynamic load rating (C) | 7,6 kN       |
| Basic static load rating (C0) | 1,75 kN      |
| (Grease) Lubrication Speed    | 18 000 r/min |
| (Oil) Lubrication Speed       | 22 000 r/min |
| Calculation factor (e)        | 0,32         |
| Calculation factor (Y0)       | 2,1          |
| Calculation factor (Y1)       | 2            |
| rs min                        | 0.6 mm       |
| e                             | 0.32         |
| Y1                            | 2            |
| Y2                            | 3.1          |
| Y0                            | 2.1          |



## Double BALL BEARINGS CO, LTD

|                                    |            |
|------------------------------------|------------|
| Radial clearance class             | CN         |
| Precision class                    | P0         |
| Mass                               | 0.05 kg    |
| Dynamic load, C                    | 7.6 kN     |
| Static load, C0                    | 1.75 kN    |
| Nlim (oil)                         | 22,000 rpm |
| Nlim (grease)                      | 18,000 rpm |
| Min operating temperature,<br>Tmin | -20 ° C    |
| Max operating temperature,<br>Tmax | 120 ° C    |
| da min                             | 19 mm      |
| Da max                             | 31 mm      |
| ra max                             | 0.6 mm     |