



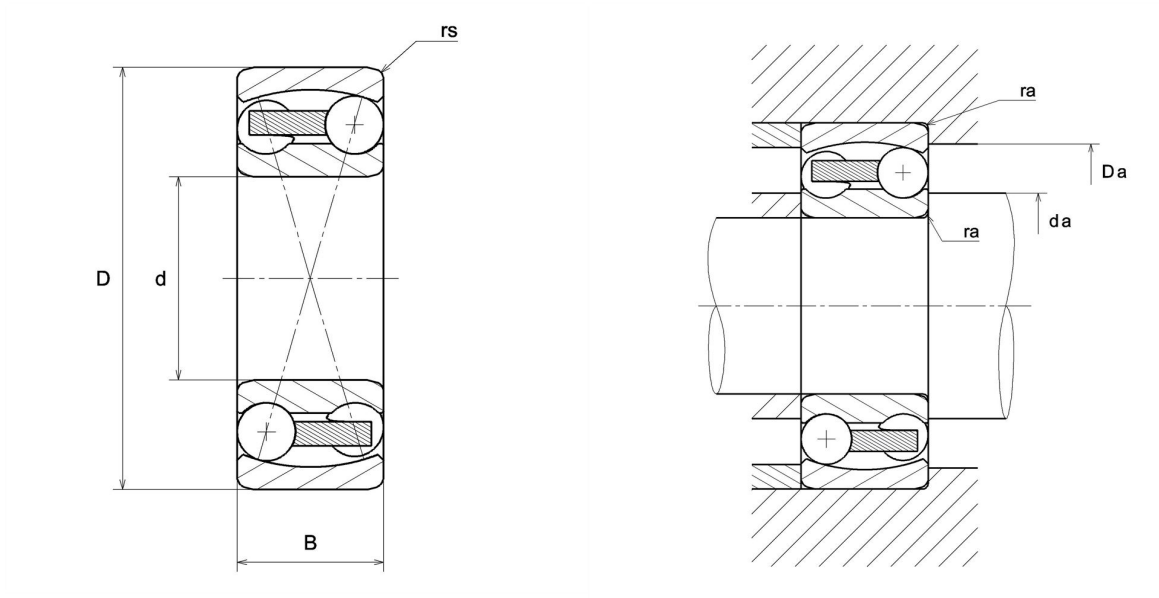
## Technical datasheet

### 2309SL1C3

Double row self aligning ball bearings

Self-aligning ball bearing, machined cage, open

#### Visual(s)



#### Product definition

|                               |        |
|-------------------------------|--------|
| <b>d</b>                      | 45 mm  |
| <b>D</b>                      | 100 mm |
| <b>B</b>                      | 36 mm  |
| <b>rs min</b>                 | 1.5 mm |
| <b>e</b>                      | 0.41   |
| <b>Y1</b>                     | 1.5    |
| <b>Y2</b>                     | 2.4    |
| <b>Y0</b>                     | 1.6    |
| <b>Radial clearance class</b> | C3     |
| <b>Precision class</b>        | P0     |
| <b>Mass</b>                   | 1.2 kg |
| <b>Brand</b>                  | NTN    |

## Product performance

|                                        |           |
|----------------------------------------|-----------|
| <b>Dynamic load, C</b>                 | 55 kN     |
| <b>Static load, C0</b>                 | 16.7 kN   |
| <b>Nlim (oil)</b>                      | 7,100 rpm |
| <b>Nlim (grease)</b>                   | 5,600 rpm |
| <b>Min operating temperature, Tmin</b> | -40 °C    |
| <b>Max operating temperature, Tmax</b> | 120 °C    |

## Abutment dimensions

|               |        |
|---------------|--------|
| <b>da min</b> | 53 mm  |
| <b>Da max</b> | 92 mm  |
| <b>ra max</b> | 1.5 mm |