



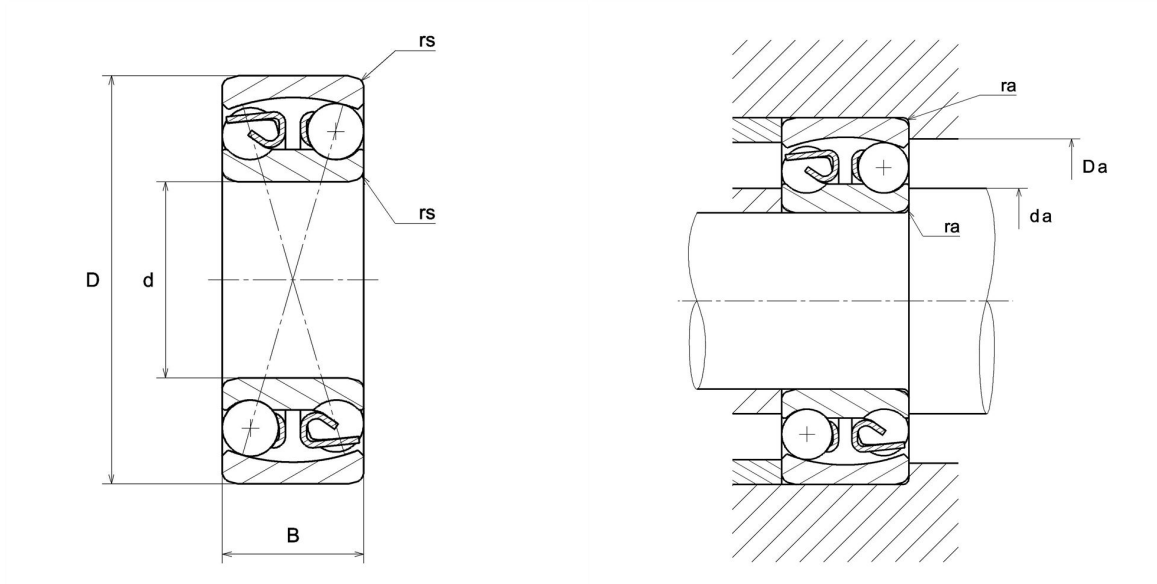
## Technical datasheet

### 1316SC3

Double row self aligning ball bearings

Self-aligning ball bearing, pressed steel cage, open

#### Visual(s)



#### Product definition

|                               |         |
|-------------------------------|---------|
| <b>d</b>                      | 80 mm   |
| <b>D</b>                      | 170 mm  |
| <b>B</b>                      | 39 mm   |
| <b>rs min</b>                 | 2.1 mm  |
| <b>e</b>                      | 0.22    |
| <b>Y1</b>                     | 2.9     |
| <b>Y2</b>                     | 4.5     |
| <b>Y0</b>                     | 3.1     |
| <b>Radial clearance class</b> | C3      |
| <b>Precision class</b>        | P0      |
| <b>Mass</b>                   | 4.31 kg |
| <b>Brand</b>                  | NTN     |

## Product performance

|                                        |           |
|----------------------------------------|-----------|
| <b>Dynamic load, C</b>                 | 89 kN     |
| <b>Static load, C0</b>                 | 33 kN     |
| <b>Nlim (oil)</b>                      | 4,300 rpm |
| <b>Nlim (grease)</b>                   | 3,600 rpm |
| <b>Min operating temperature, Tmin</b> | -20 °C    |
| <b>Max operating temperature, Tmax</b> | 120 °C    |

## Abutment dimensions

|               |        |
|---------------|--------|
| <b>da min</b> | 91 mm  |
| <b>Da max</b> | 159 mm |
| <b>ra max</b> | 2 mm   |