# Technical data

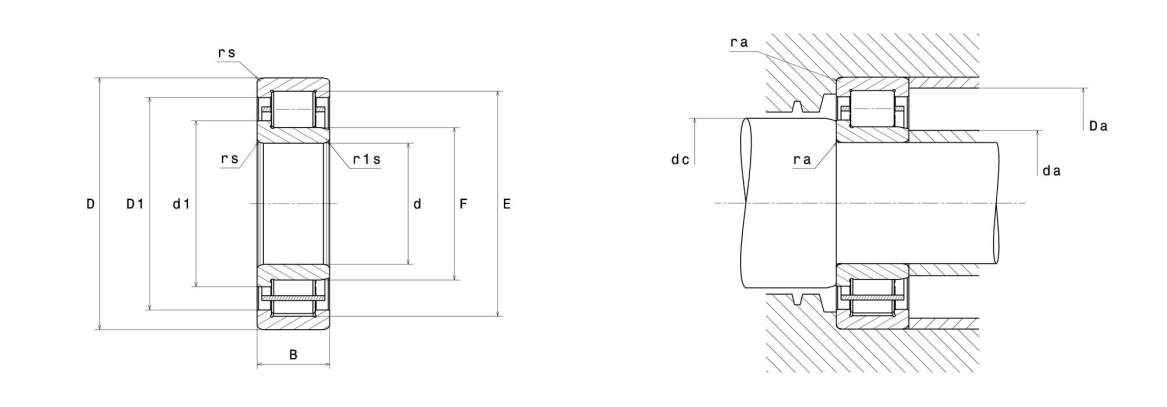
## NJ316C3

Single row cylindrical roller bearings



Single row cylindrical roller bearing, single direction for axial loads, separable, pressed steel cage.

## Visual(s)




## Product definition

| | |
|---|---|
| **d** | 80 mm |
| **D** | 170 mm |
| **B** | 39 mm |
| **E** | 147 mm |
| **F** | 103 mm |
| **d1** | 111.8 mm |
| **rs min** | 2.1 mm |
| **r1s min** | 2.1 mm |
| **Radial clearance class** | C3 |
| **Mass (without HJ ring)** | 3.98 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Dynamic load, C** | 190 kN |
| **Static load, C0** | 207 kN |
| **Fatigue limit load, Cu** | 23.6 kN |
| **Nlim (oil)** | 4,800 Tr/min |
| **Nlim (grease)** | 4,100 Tr/min |
| **Min operating temperature, Tmin** | -40 °C |
| **Max operating temperature, Tmax** | 120 °C |

## Abutment dimensions

| | |
|---|---|
| **da min** | 91 mm |
| **da max** | 99 mm |
| **dc min** | 114 mm |
| **Da max** | 159 mm |
| **ra max** | 2 mm |

## Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr