# Technical data

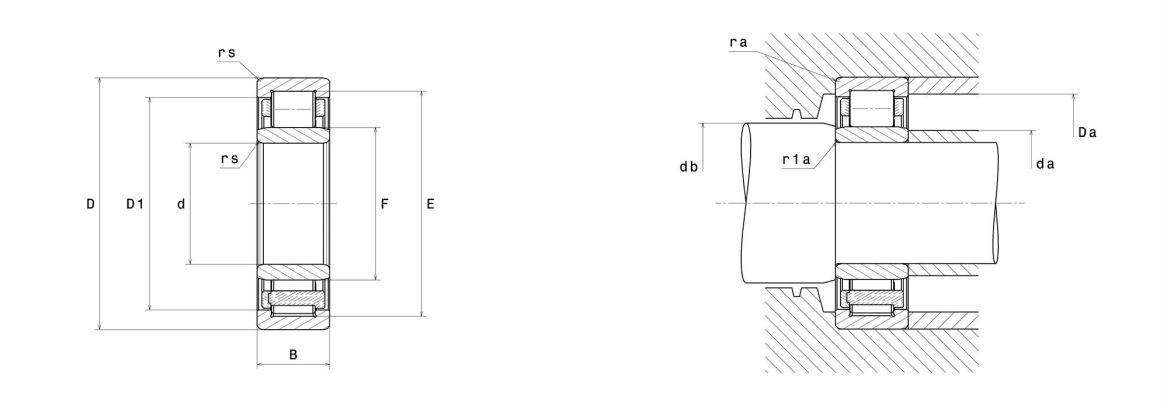
## NU2218G1

Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, brass cage



## Visual(s)




## Product definition

| | |
|---|---|
| **d** | 90 mm |
| **D** | 160 mm |
| **B** | 40 mm |
| **E** | 143 mm |
| **F** | 107 mm |
| **rs min** | 2 mm |
| **r1s min** | 2 mm |
| **Radial clearance class** | CN |
| **Mass (without HJ ring)** | 3.31 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Dynamic load, C** | 197 kN |
| **Static load, C0** | 248 kN |
| **Fatigue limit load, Cu** | 28.3 kN |
| **Nlim (oil)** | 4,600 Tr/min |
| **Nlim (grease)** | 3,900 Tr/min |
| **Min operating temperature, Tmin** | -40 °C |
| **Max operating temperature, Tmax** | 120 °C |

## Abutment dimensions

| | |
|---|---|
| **da min** | 99 mm |
| **da max** | 105 mm |
| **db min** | 109 mm |
| **Da max** | 151 mm |
| **ra max** | 2 mm |
| **r1a max** | 2 mm |

## Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr