# Technical data

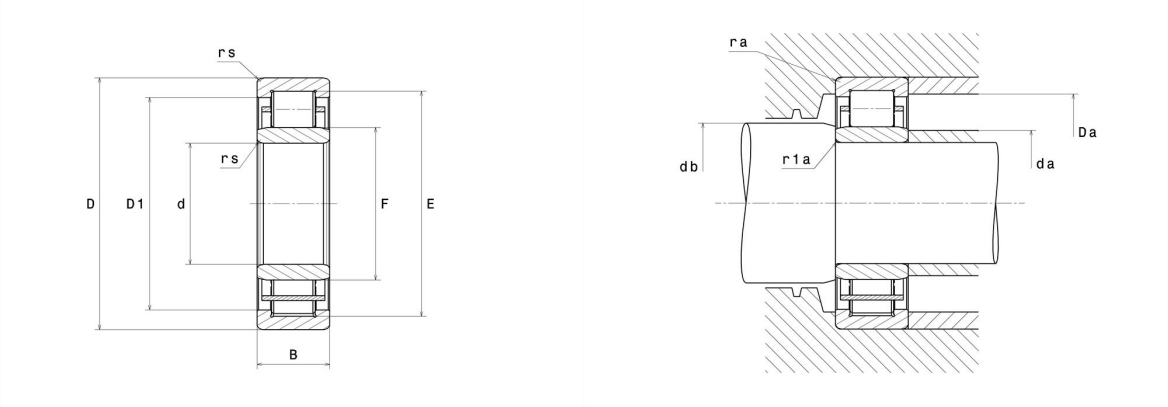
## NU228C3

Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, pressed steel cage



## Visual(s)




## Product definition

| | |
|---|---|
| **d** | 140 mm |
| **D** | 250 mm |
| **B** | 42 mm |
| **E** | 221 mm |
| **F** | 169 mm |
| **rs min** | 3 mm |
| **r1s min** | 3 mm |
| **Radial clearance class** | C3 |
| **Mass (without HJ ring)** | 8.48 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Dynamic load, C** | 310 kN |
| **Static load, C0** | 400 kN |
| **Fatigue limit load, Cu** | 39.9 kN |
| **Nlim (oil)** | 3,100 Tr/min |
| **Nlim (grease)** | 2,700 Tr/min |
| **Min operating temperature, Tmin** | -40 °C |
| **Max operating temperature, Tmax** | 120 °C |
| **Characteristic cage frequency, FTF** | 0.43 Hz |
| **Characteristic rolling element frequency, BSF** | 7.37 Hz |
| **Characteristic outer ring frequency, BPF0** | 7.37 Hz |
| **Characteristic inner ring frequency, BPFI** | 9.63 Hz |

## Abutment dimensions

| | |
|---|---|
| **da min** | 153 mm |
| **da max** | 166 mm |
| **db min** | 171 mm |
| **Da max** | 237 mm |
| **ra max** | 2.5 mm |
| **r1a max** | 2.5 mm |

## Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr