# Technical data

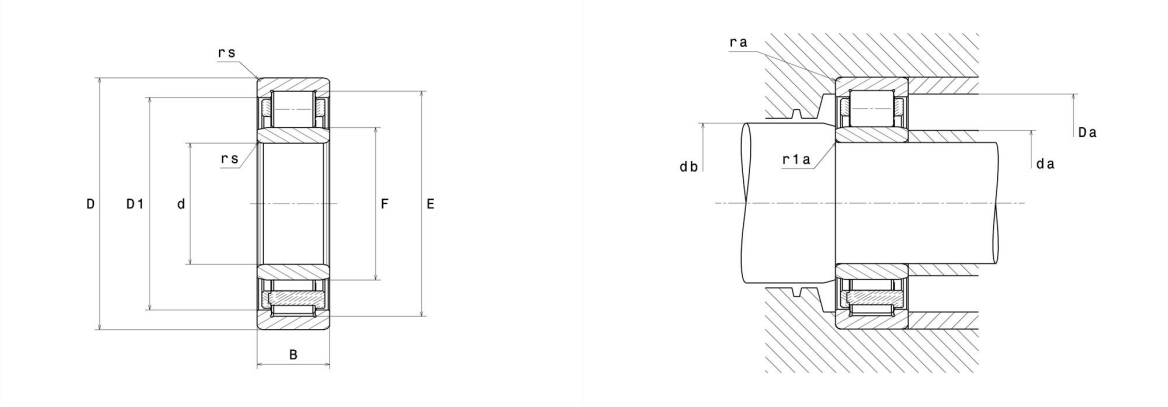
## NU2313EG1C3

Single row cylindrical roller bearings



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

## Visual(s)




## Product definition

| | |
|---|---|
| **d** | 65 mm |
| **D** | 140 mm |
| **B** | 48 mm |
| **E** | 124.5 mm |
| **F** | 82.5 mm |
| **rs min** | 2.1 mm |
| **r1s min** | 2.1 mm |
| **Radial clearance class** | C3 |
| **Mass (without HJ ring)** | 3.46 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Dynamic load, C** | 248 kN |
| **Static load, C0** | 287 kN |
| **Fatigue limit load, Cu** | 34.7 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 |
| **Characteristic cage frequency, FTF** | 0.4 Hz |
| **Characteristic rolling element frequency, BSF** | 4.73 Hz |
| **Characteristic outer ring frequency, BPF0** | 5.18 Hz |
| **Characteristic inner ring frequency, BPFI** | 7.82 Hz |

## Abutment dimensions

| | |
|---|---|
| **da min** | 76 mm |
| **da max** | 81 mm |
| **db min** | 85 mm |
| **Da max** | 129 mm |
| **ra max** | 2 mm |
| **r1a max** | 2 mm |

## Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr