# Technical data

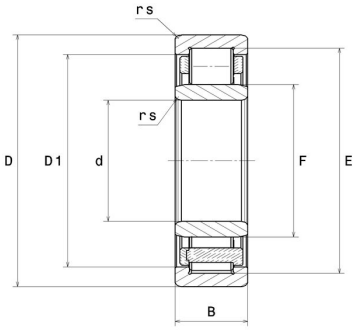
## NU1017

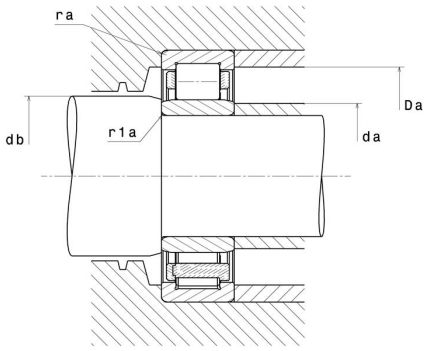
Single row cylindrical roller bearings



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

## Visual(s)




## Product definition

| | |
|---|---|
| **d** | 85 mm |
| **D** | 130 mm |
| **B** | 22 mm |
| **E** | 118.5 mm |
| **F** | 96.5 mm |
| **rs min** | 1.1 mm |
| **r1s min** | 1 mm |
| **Radial clearance class** | CN |
| **Mass (without HJ ring)** | 1.04 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Dynamic load, C** | 74.5 kN |
| **Static load, C0** | 95.5 kN |
| **Fatigue limit load, Cu** | 11.4 kN |
| **Nlim (oil)** | 6,300 Tr/min |
| **Nlim (grease)** | 5,400 Tr/min |
| **Min operating temperature, Tmin** | -40 °C |
| **Max operating temperature, Tmax** | 120 °C |

## Abutment dimensions

| | |
|---|---|
| **da min** | 90 mm |
| **da max** | 95 mm |
| **db min** | 99 mm |
| **Da max** | 123.5 mm |
| **ra max** | 1 mm |
| **r1a max** | 1 mm |

## Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr