# Technical data

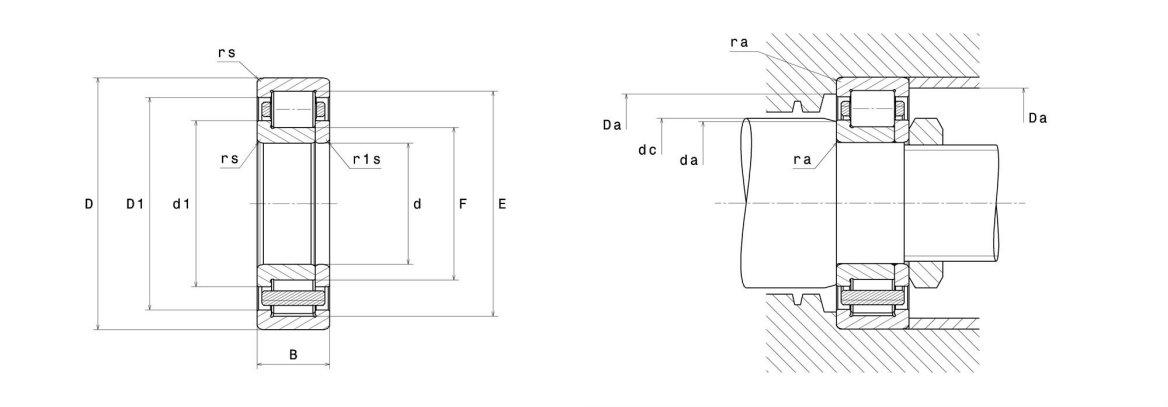
## NUP204ET2XC3U

Single row cylindrical roller bearings



Single row cylindrical roller bearing, locating, separable, polyamide cage

## Visual(s)




## Product definition

| | |
|---|---|
| **d** | 20 mm |
| **D** | 47 mm |
| **B** | 14 mm |
| **E** | 41.5 mm |
| **F** | 26.5 mm |
| **d1** | 29.5 mm |
| **rs min** | 1 mm |
| **r1s min** | 0.6 mm |
| **Radial clearance class** | C3 |
| **Mass (without HJ ring)** | 0.11 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Dynamic load, C** | 25.7 kN |
| **Static load, C0** | 22.6 kN |
| **Fatigue limit load, Cu** | 2.75 kN |
| **Nlim (oil)** | 18,000 Tr/min |
| **Nlim (grease)** | 15,000 Tr/min |
| **Min operating temperature, Tmin** | -20 °C |
| **Max operating temperature, Tmax** | 120 °C |
| **Characteristic cage frequency, FTF** | 0.39 Hz |
| **Characteristic rolling element frequency, BSF** | 4.31 Hz |
| **Characteristic outer ring frequency, BPF0** | 4.29 Hz |
| **Characteristic inner ring frequency, BPFI** | 6.71 Hz |

## Abutment dimensions

| | |
|---|---|
| **da min** | 25 mm |
| **dc min** | 32 mm |
| **Da max** | 42 mm |
| **ra max** | 1 mm |

## Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$