# Technical data

## NUP207EAT2XU

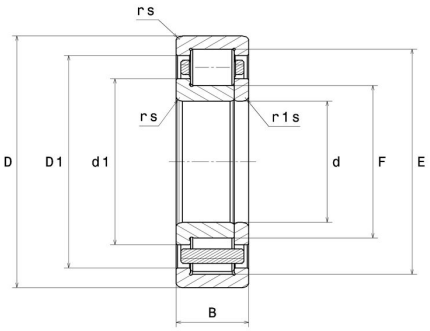
Single row cylindrical roller bearings

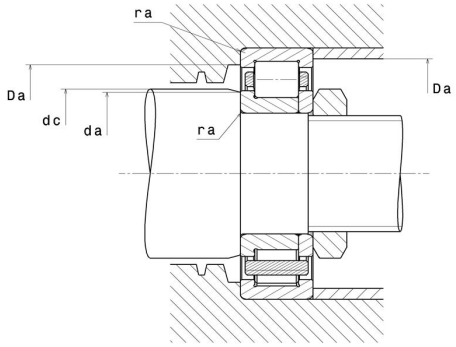


Single row cylindrical roller bearing, locating, separable, polyamide cage

ULTAGE

## Visual(s)




## Product definition

| | |
|---|---|
| **d** | 35 mm |
| **D** | 72 mm |
| **B** | 17 mm |
| **E** | 64 mm |
| **F** | 44 mm |
| **d1** | 48 mm |
| **rs min** | 1.1 mm |
| **r1s min** | 0.6 mm |
| **Radial clearance class** | CN |
| **Mass (without HJ ring)** | 0.31 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Dynamic load, C** | 59.5 kN |
| **Static load, C0** | 50 kN |
| **Nlim (oil)** | 13,200 Tr/min |
| **Nlim (grease)** | 9,500 Tr/min |
| **Min operating temperature, Tmin** | -20 °C |
| **Max operating temperature, Tmax** | 120 °C |
| **Characteristic cage frequency, FTF** | 0.41 Hz |
| **Characteristic rolling element frequency, BSF** | 5.22 Hz |
| **Characteristic outer ring frequency, BPF0** | 5.7 Hz |
| **Characteristic inner ring frequency, BPFI** | 8.3 Hz |

## Abutment dimensions

| | |
|---|---|
| **da min** | 39 mm |
| **dc min** | 50 mm |
| **Da max** | 65.5 mm |
| **ra max** | 1 mm |
| **r1a max** | 0.6 mm |

## Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$