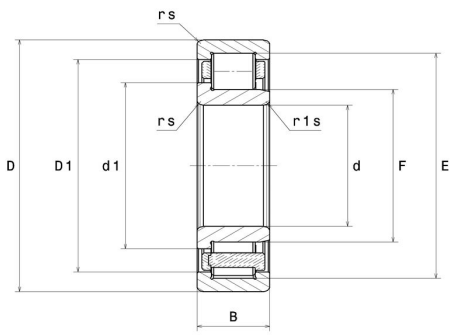
# Technical data

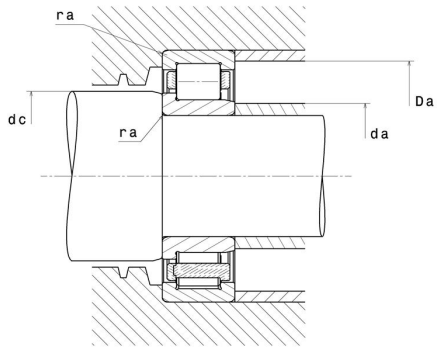
## NJ1009G1

Single row cylindrical roller bearings

Single row cylindrical roller bearing, single direction for axial loads, separable, brass cage.

## Visual(s)




## Product definition

| | |
|---|---|
| **d** | 45 mm |
| **D** | 75 mm |
| **B** | 16 mm |
| **E** | 67.5 mm |
| **F** | 52.5 mm |
| **d1** | 55.5 mm |
| **rs min** | 1 mm |
| **r1s min** | 0.6 mm |
| **Radial clearance class** | CN |
| **Mass (without HJ ring)** | 0.27 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Dynamic load, C** | 31 kN |
| **Static load, C0** | 34 kN |
| **Fatigue limit load, Cu** | 4.15 kN |
| **Nlim (oil)** | 12,000 Tr/min |
| **Nlim (grease)** | 9,900 Tr/min |
| **Min operating temperature, Tmin** | -40 °C |
| **Max operating temperature, Tmax** | 120 °C |

## Abutment dimensions

| | |
|---|---|
| **da min** | 50 mm |
| **da max** | 52 mm |
| **dc min** | 56 mm |
| **Da max** | 70 mm |
| **ra max** | 1 mm |

## Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr