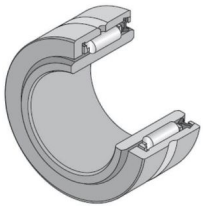
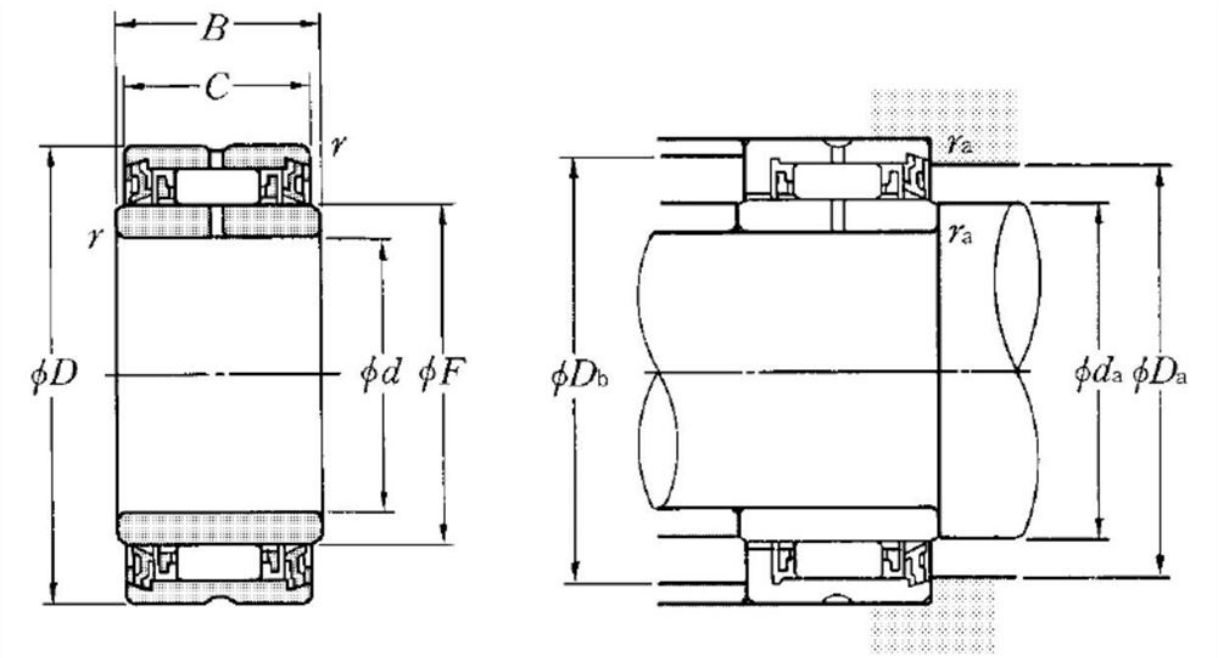
# Technical data

## NA4909LL/3AS

Needle roller bearing, machined-ring, with inner ring



## Visual(s)




## Product definition

| | |
|---|---|
| **d** | 45 mm |
| **D** | 68 mm |
| **B** | 23 mm |
| **C** | 22 mm |
| **F** | 52 mm |
| **rs min** | 0.6 mm |
| **Dw** | 3 mm |
| **Lw** | 13.8 mm |
| **Lubrication hole on outer ring** | Oui/Yes |
| **k** | 3 mm |
| **Lubrication hole on inner ring** | Oui/Yes |
| **Radial clearance class** | CN |
| **Precision class** | P0 |
| **Mass** | 0.29 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Cr** | 28.6 kN |
| **C0r** | 57 kN |
| **Nlim (grease)** | 3,800 Tr/min |
| **Min operating temperature, Tmin** | -20 °C |
| **Max operating temperature, Tmax** | 100 °C |
| **Characteristic cage frequency, FTF** | 0.47 Hz |
| **Characteristic rolling element frequency, BSF** | 18.28 Hz |
| **Characteristic outer ring frequency, BPF0** | 16.07 Hz |
| **Characteristic inner ring frequency, BPFI** | 17.93 Hz |

## Abutment dimensions

| | |
|---|---|
| **da min** | 49 mm |
| **Da max** | 55 mm |
| **Db max** | 64 mm |
| **ras max** | 0.6 mm |