

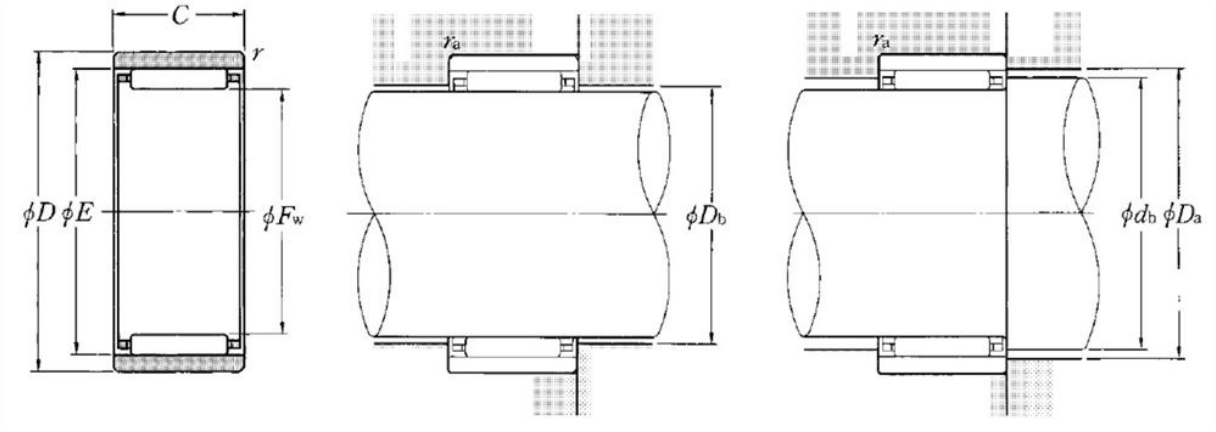
# Technical data

## RNA0-35X45X13

Needle roller bearing, machined-ring, without inner ring

Needle roller bearing, machined-ring, separable, without inner ring

## Visual(s)




## Product definition

| | |
|---|---|
| **Fw** | 35 mm |
| **D** | 45 mm |
| **C** | 13 mm |
| **E** | 40 mm |
| **rs min** | 0.3 mm |
| **Dw** | 2.5 mm |
| **Lw** | 9.8 mm |
| **Lubrication hole on outer ring** | Non/No |
| **Radial clearance class** | CN |
| **Precision class** | P0 |
| **Mass** | 0.05 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Cr** | 15.2 kN |
| **C0r** | 25.1 kN |
| **Nlim (grease)** | 7,500 Tr/min |
| **Nlim (oil)** | 11,000 Tr/min |
| **Min operating temperature, Tmin** | -20 °C |
| **Max operating temperature, Tmax** | 120 °C |
| **Characteristic cage frequency, FTF** | 0.47 Hz |
| **Characteristic rolling element frequency, BSF** | 14.93 Hz |
| **Characteristic outer ring frequency, BPF0** | 12.13 Hz |
| **Characteristic inner ring frequency, BPFI** | 13.87 Hz |

## Abutment dimensions

| | |
|---|---|
| **db** | 39.4 mm |
| **Da max** | 43 mm |
| **Db** | 35.6 mm |
| **ras max** | 0.3 mm |