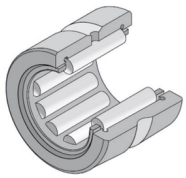
# Technical datasheet

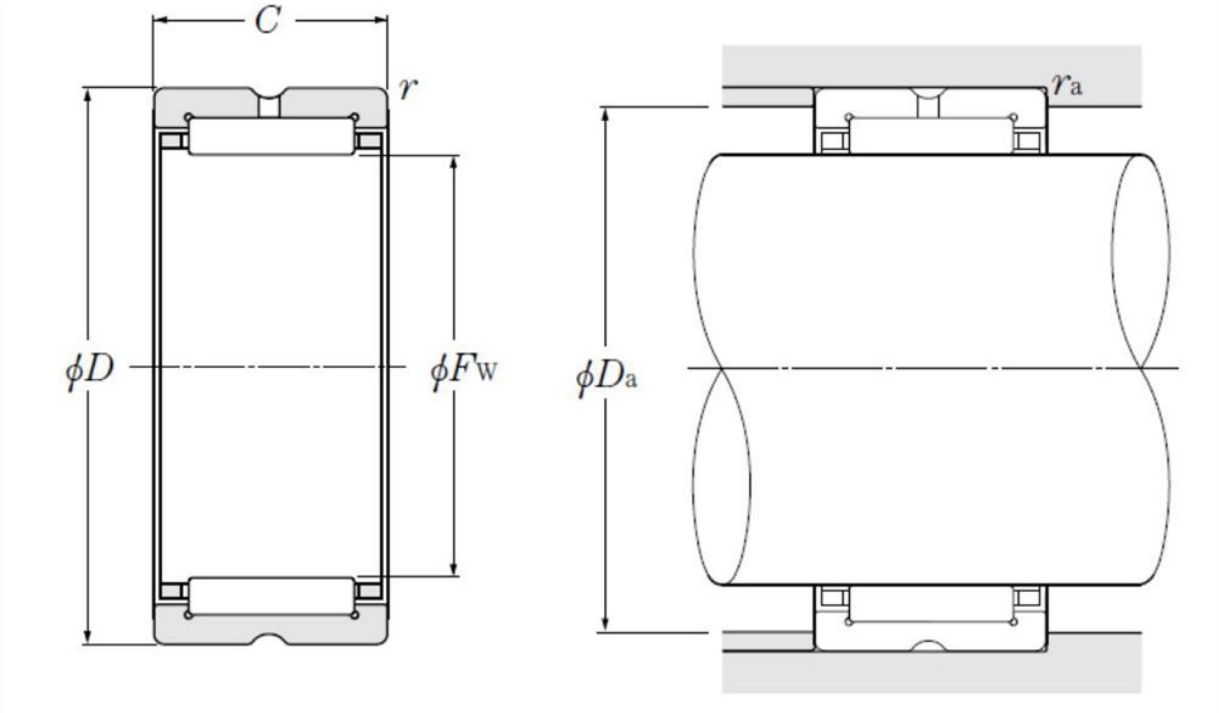
## NK80/25R

Needle roller bearing, machined-ring, without inner ring



Needle roller bearing, machined-ring, without inner ring, double-side ribs, lubrication hole

## Visual(s)




## Product definition

| | |
|---|---|
| **Fw** | 80 mm |
| **D** | 95 mm |
| **C** | 25 mm |
| **rs min** | 1 mm |
| **Dw** | 4.5 mm |
| **Lw** | 18.8 mm |
| **Lubrication hole on outer ring** | Oui/Yes |
| **k** | 3.5 mm |
| **Radial clearance class** | CN |
| **Precision class** | P0 |
| **Mass** | 0.3 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Cr** | 57 kN |
| **C0r** | 119 kN |
| **Nlim (grease)** | 3,300 rpm |
| **Nlim (oil)** | 5,000 rpm |
| **Min operating temperature, Tmin** | -20 °C |
| **Max operating temperature, Tmax** | 120 °C |
| **Characteristic cage frequency, FTF** | 0.47 Hz |
| **Characteristic rolling element frequency, BSF** | 18.72 Hz |
| **Characteristic outer ring frequency, BPF0** | 17.52 Hz |
| **Characteristic inner ring frequency, BPFI** | 19.48 Hz |

## Abutment dimensions

| | |
|---|---|
| **Da max** | 90 mm |
| **ras max** | 1 mm |