

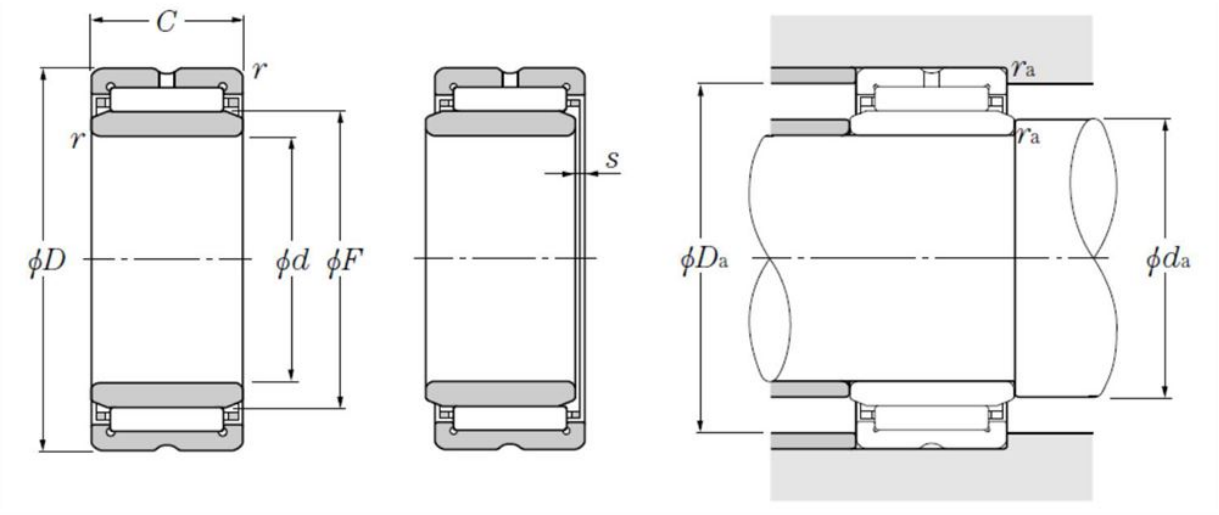
## Technical data

# NK21/16R+1R17X21X16

Needle roller bearing, machined-ring, with inner ring

Needle roller bearing, machined-rings, with inner ring, double-side ribs, lubrication hole

## Visual(s)




## Product definition

| | |
|---|---|
| **d** | 17 mm |
| **D** | 29 mm |
| **C** | 16 mm |
| **F** | 21 mm |
| **rs min** | 0.3 mm |
| **s max** | 0.5 mm |
| **Dw** | 2.5 mm |
| **Lw** | 12.8 mm |
| **Lubrication hole on outer ring** | Oui/Yes |
| **k** | 2.5 mm |
| **Inner ring reference** | 1R17X21X16 |
| **Lubrication hole on inner ring** | Non/No |
| **Radial clearance class** | CN |
| **Precision class** | P0 |
| **Mass** | 0.04 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Cr** | 13.7 kN |
| **C0r** | 18.7 kN |
| **Nlim (grease)** | 13,000 Tr/min |
| **Nlim (oil)** | 19,000 Tr/min |
| **Min operating temperature, Tmin** | -20 °C |
| **Max operating temperature, Tmax** | 120 °C |
| **Characteristic cage frequency, FTF** | 0.45 Hz |
| **Characteristic rolling element frequency, BSF** | 9.29 Hz |
| **Characteristic outer ring frequency, BPF0** | 7.6 Hz |
| **Characteristic inner ring frequency, BPFI** | 9.4 Hz |

## Abutment dimensions

| | |
|---|---|
| **da min** | 19 mm |
| **Da max** | 27 mm |
| **ras max** | 0.3 mm |