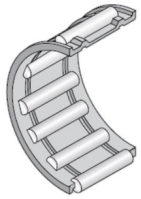
# Technical data

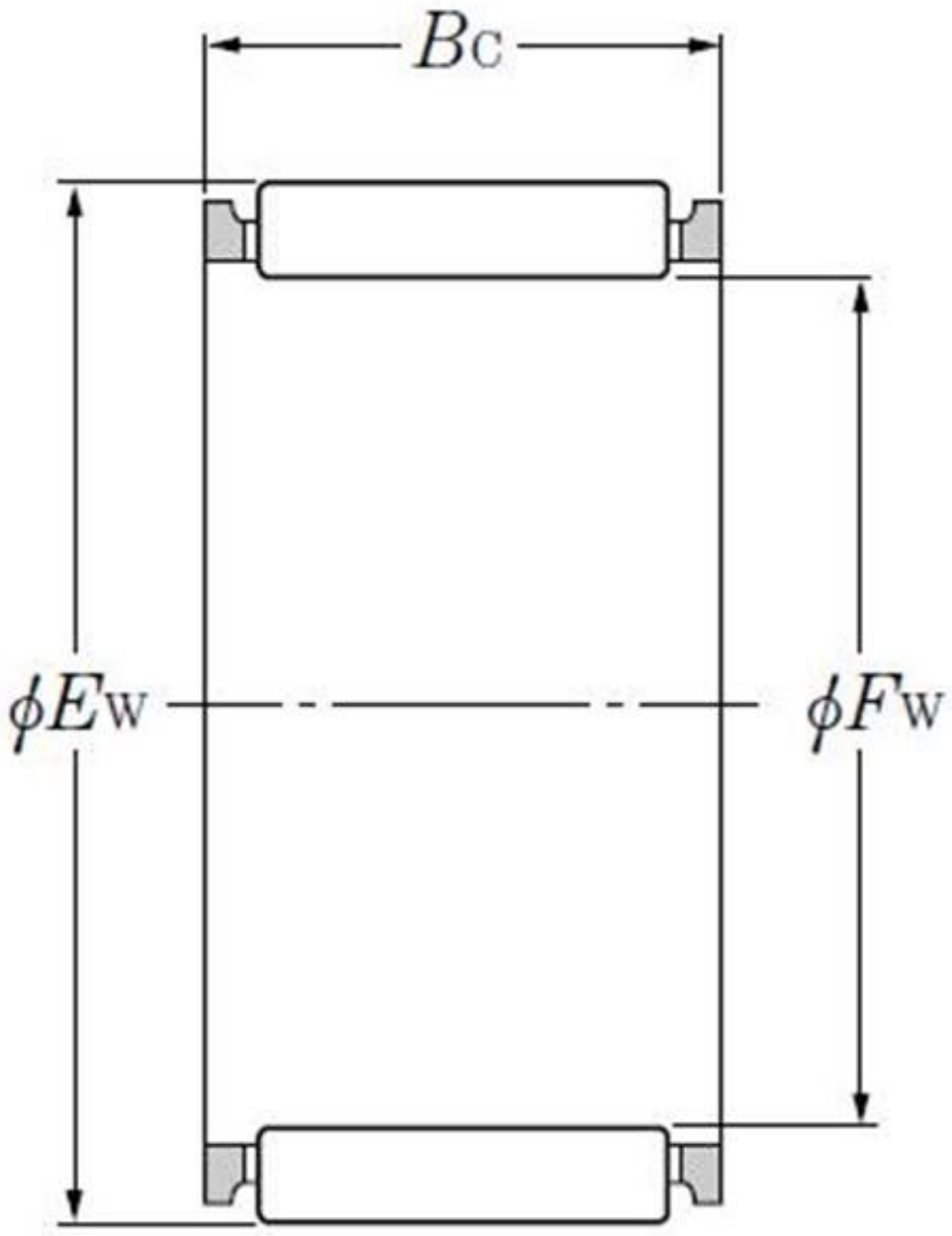
## K12X16X10X1S

Needle roller and cage assemblies



Needle roller bearing, cage assembly, welded cage

## Visual(s)



## Product definition

| | |
|---|---|
| **Fw** | 12 mm |
| **Ew** | 16 mm |
| **Bc** | 10 mm |
| **Dw** | 2 mm |
| **Lw** | 5.8 mm |
| **Mass** | 0.0047 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Cr** | 4.85 kN |
| **C0r** | 4.9 kN |
| **Nlim (grease)** | 17,000 Tr/min |
| **Nlim (oil)** | 26,000 Tr/min |
| **Min operating temperature, Tmin** | -20 °C |
| **Max operating temperature, Tmax** | 120 °C |
| **Characteristic cage frequency, FTF** | 0.43 Hz |
| **Characteristic rolling element frequency, BSF** | 6.86 Hz |
| **Characteristic outer ring frequency, BPF0** | 5.14 Hz |
| **Characteristic inner ring frequency, BPFI** | 6.86 Hz |

## Abutment dimensions

| | |
|---|---|
| **b** | 10 mm |