

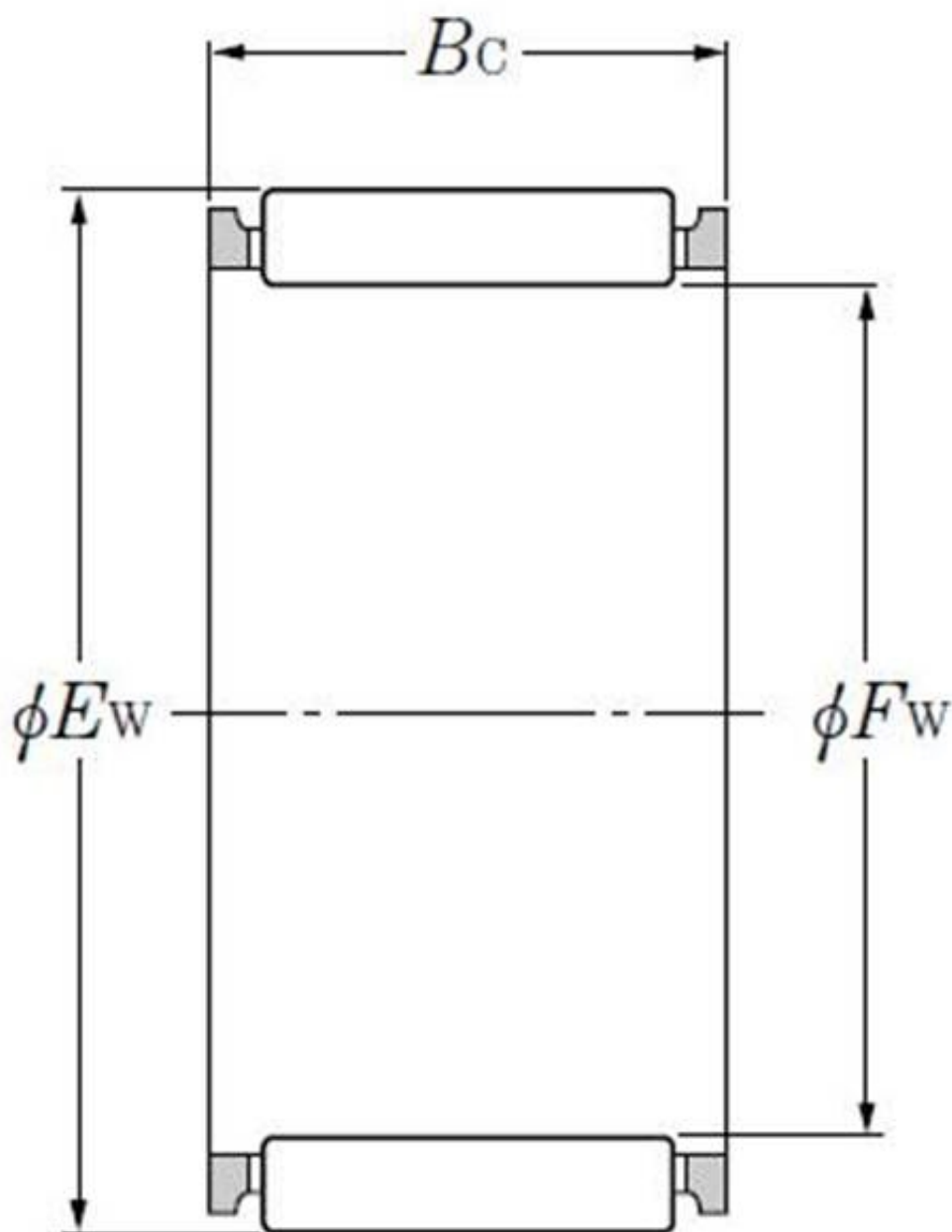
## Technical datasheet

### K7X10X8T2

Needle roller and cage assemblies

Needle roller bearing, cage assembly, polyamide cage

#### Visual(s)



| Product definition |           |
|--------------------|-----------|
| <b>Fw</b>          | 7 mm      |
| <b>Ew</b>          | 10 mm     |
| <b>Bc</b>          | 8 mm      |
| <b>Dw</b>          | 1.5 mm    |
| <b>Lw</b>          | 5.8 mm    |
| <b>Mass</b>        | 0.0009 kg |
| <b>Brand</b>       | NTN       |

| Product performance                                  |            |
|------------------------------------------------------|------------|
| <b>Cr</b>                                            | 2.67 kN    |
| <b>C0r</b>                                           | 2.35 kN    |
| <b>Nlim (grease)</b>                                 | 23,000 rpm |
| <b>Nlim (oil)</b>                                    | 34,000 rpm |
| <b>Min operating temperature, Tmin</b>               | -20 °C     |
| <b>Max operating temperature, Tmax</b>               | 120 °C     |
| <b>Characteristic cage frequency, FTF</b>            | 0.41 Hz    |
| <b>Characteristic rolling element frequency, BSF</b> | 5.49 Hz    |
| <b>Characteristic outer ring frequency, BPF0</b>     | 3.29 Hz    |
| <b>Characteristic inner ring frequency, BPFI</b>     | 4.71 Hz    |

| Abutment dimensions |      |
|---------------------|------|
| <b>b</b>            | 8 mm |