

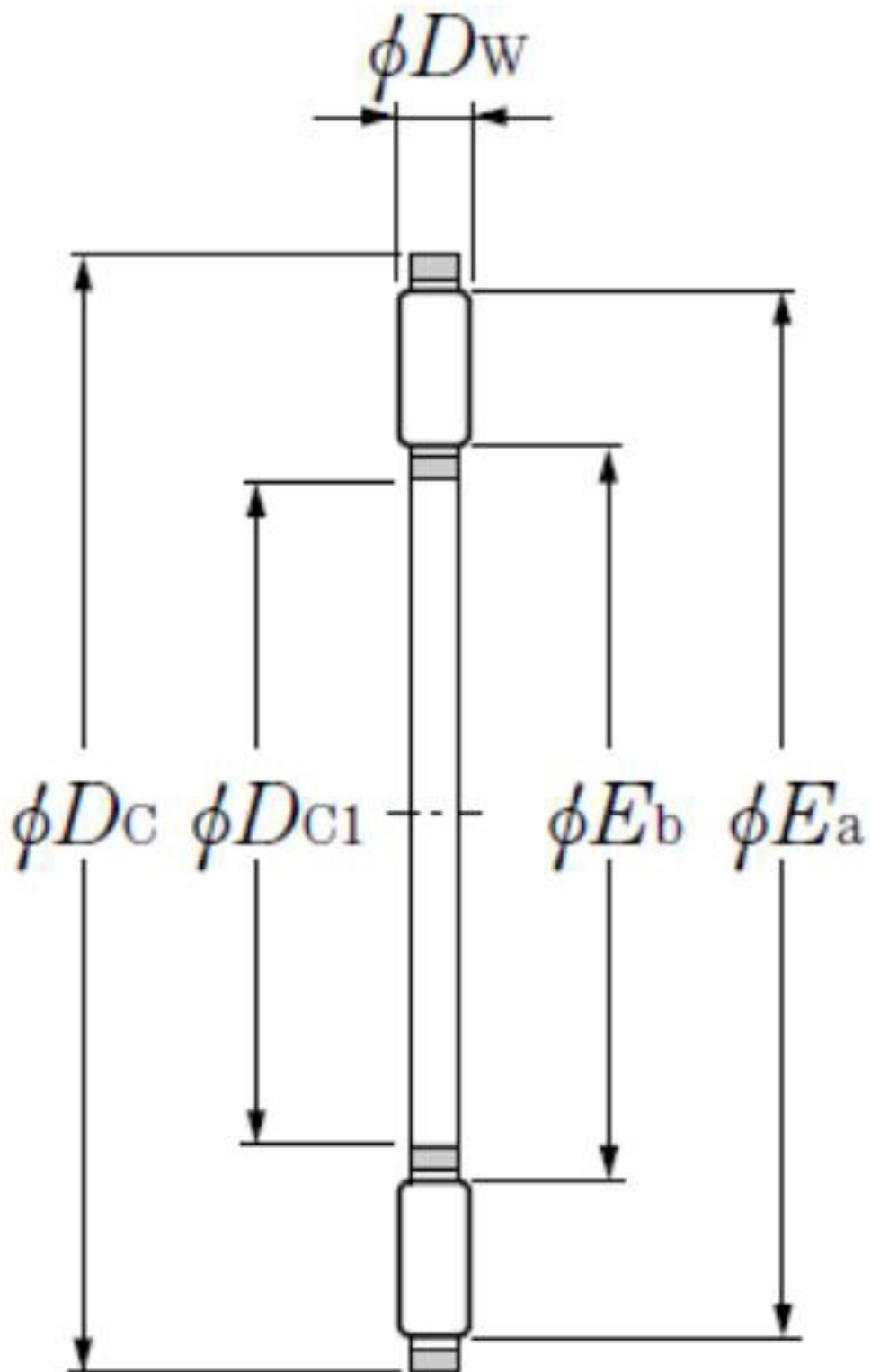


## Technical data

**AXK1117**

Thrust needle roller bearing cages

## Visual(s)



| Product definition                  |          |
|-------------------------------------|----------|
| <b>Dc1</b>                          | 85 mm    |
| <b>Dc</b>                           | 110 mm   |
| <b>Dw</b>                           | 4 mm     |
| <b>Lw</b>                           | 7.8 mm   |
| <b>Bearing ring (washer) AS</b>     | AS1117   |
| <b>Bearing ring (inner ring) WS</b> | WS81117  |
| <b>Bearing ring (outer ring) GS</b> | GS81117  |
| <b>Ea</b>                           | 106.4 mm |
| <b>Eb</b>                           | 90.5 mm  |
| <b>Cage assembly mass</b>           | 0.07 kg  |
| <b>Brand</b>                        | NTN      |

| Product performance                                  |              |
|------------------------------------------------------|--------------|
| <b>Ca</b>                                            | 57.5 kN      |
| <b>C0a</b>                                           | 291 kN       |
| <b>Nlim (grease)</b>                                 | 600 Tr/min   |
| <b>Nlim (oil)</b>                                    | 2,400 Tr/min |
| <b>Min operating temperature, Tmin</b>               | -20 °C       |
| <b>Max operating temperature, Tmax</b>               | 120 °C       |
| <b>Characteristic cage frequency, FTF</b>            | 0.5 Hz       |
| <b>Characteristic rolling element frequency, BSF</b> | 24.61 Hz     |
| <b>Characteristic outer ring frequency, BPF0</b>     | 23 Hz        |
| <b>Characteristic inner ring frequency, BPFI</b>     | 23 Hz        |