

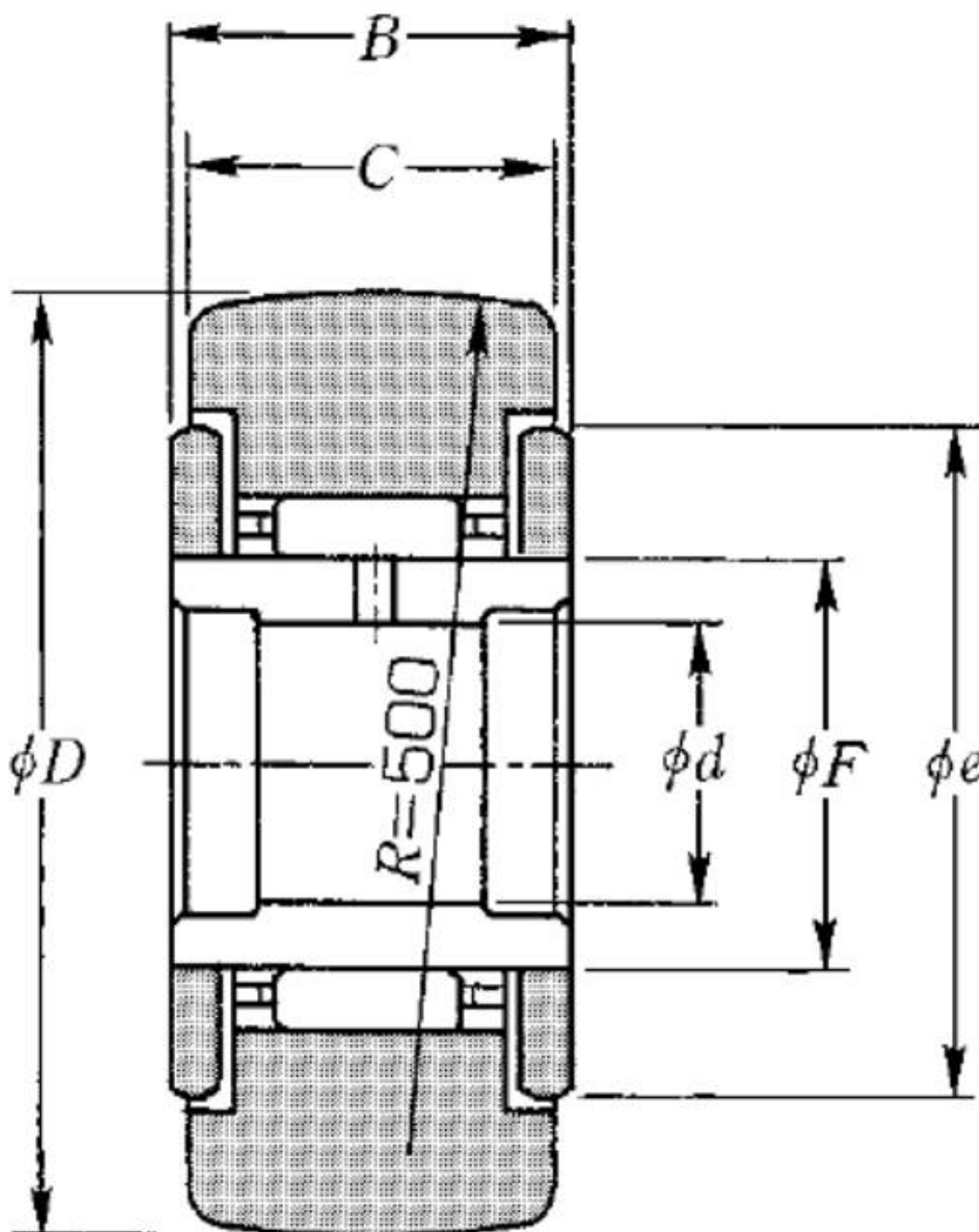
## Technical datasheet

### NATR8X

Roller follower with inner ring

Needle roller bearing, roller follower, with cage, with inner ring, cylindrical outer ring

## Visual(s)



| Product definition               |         |
|----------------------------------|---------|
| <b>d</b>                         | 8 mm    |
| <b>D</b>                         | 24 mm   |
| <b>C</b>                         | 14 mm   |
| <b>F</b>                         | 12 mm   |
| <b>B</b>                         | 15 mm   |
| <b>e</b>                         | 19 mm   |
| <b>Dw</b>                        | 2 mm    |
| <b>Lw</b>                        | 7.3 mm  |
| <b>Bearing with/without cage</b> | Avec    |
| <b>Radial clearance class</b>    | CN      |
| <b>Precision class</b>           | P0      |
| <b>Mass</b>                      | 0.04 kg |
| <b>Brand</b>                     | NTN     |

| Product performance                                  |            |
|------------------------------------------------------|------------|
| <b>Cr</b>                                            | 6.9 kN     |
| <b>C0r</b>                                           | 7.7 kN     |
| <b>Track load capacity cylindrical outer ring</b>    | 6.65 kN    |
| <b>Nlim (grease)</b>                                 | 10,000 rpm |
| <b>Nlim (oil)</b>                                    | 16,000 rpm |
| <b>Min operating temperature, Tmin</b>               | -20 °C     |
| <b>Max operating temperature, Tmax</b>               | 120 °C     |
| <b>Characteristic cage frequency, FTF</b>            | 0.43 Hz    |
| <b>Characteristic rolling element frequency, BSF</b> | 6.86 Hz    |
| <b>Characteristic outer ring frequency, BPF0</b>     | 6 Hz       |
| <b>Characteristic inner ring frequency, BPFI</b>     | 8 Hz       |