

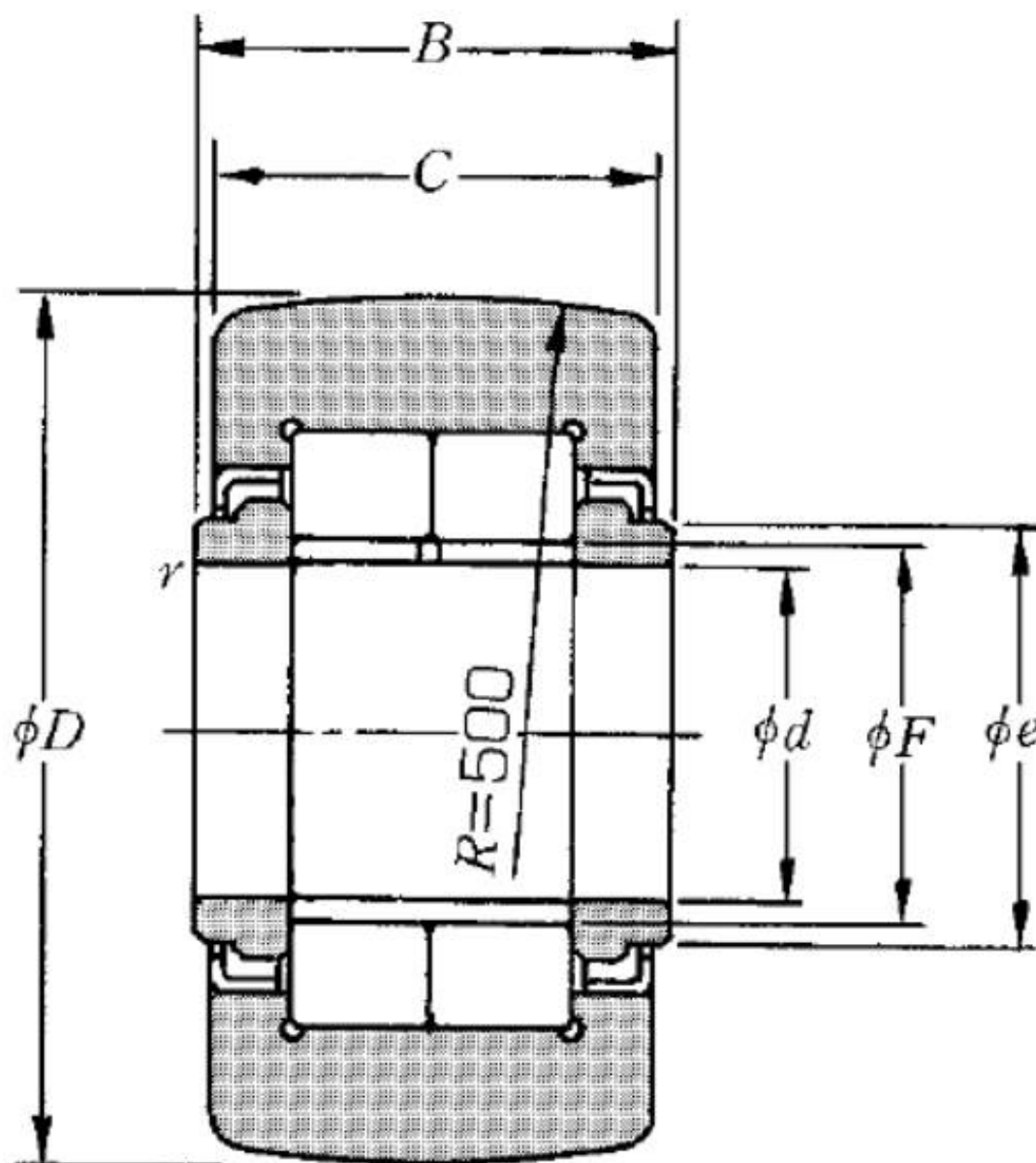
## Technical datasheet

### NUTR307X/3AS

Roller follower with inner ring

Needle roller bearing, roller follower, full-complement cylindrical roller, with inner ring, double-side shields, cylindrical outer ring

## Visual(s)



| Product definition               |         |
|----------------------------------|---------|
| <b>d</b>                         | 35 mm   |
| <b>D</b>                         | 80 mm   |
| <b>C</b>                         | 28 mm   |
| <b>F</b>                         | 41.5 mm |
| <b>B</b>                         | 29 mm   |
| <b>e</b>                         | 44 mm   |
| <b>Dw</b>                        | 6.5 mm  |
| <b>Lw</b>                        | 9 mm    |
| <b>rs min</b>                    | 0.6 mm  |
| <b>Bearing with/without cage</b> | Sans    |
| <b>Radial clearance class</b>    | CN      |
| <b>Precision class</b>           | P0      |
| <b>Mass</b>                      | 0.84 kg |
| <b>Brand</b>                     | NTN     |

| Product performance                                  |           |
|------------------------------------------------------|-----------|
| <b>Cr</b>                                            | 62 kN     |
| <b>C0r</b>                                           | 85.5 kN   |
| <b>Track load capacity cylindrical outer ring</b>    | 41 kN     |
| <b>Nlim (grease)</b>                                 | 2,400 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> | 7.25 Hz   |
| <b>Characteristic outer ring frequency, BPF0</b>     | 9.94 Hz   |
| <b>Characteristic inner ring frequency, BPFI</b>     | 13.06 Hz  |