



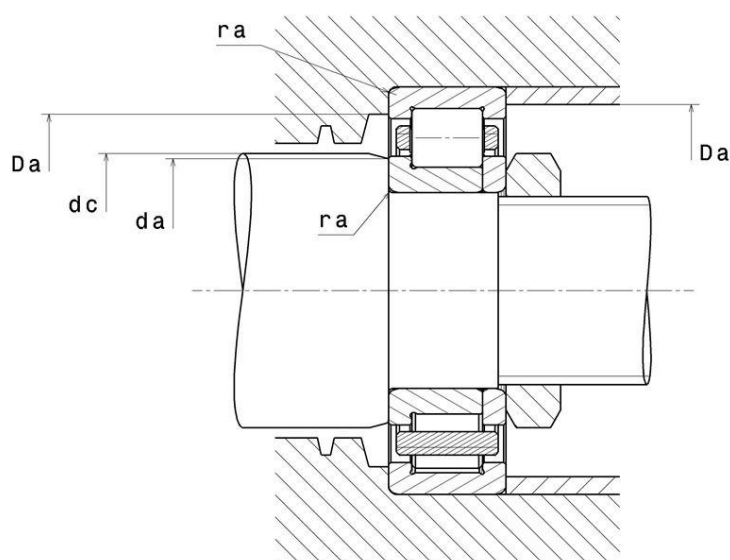
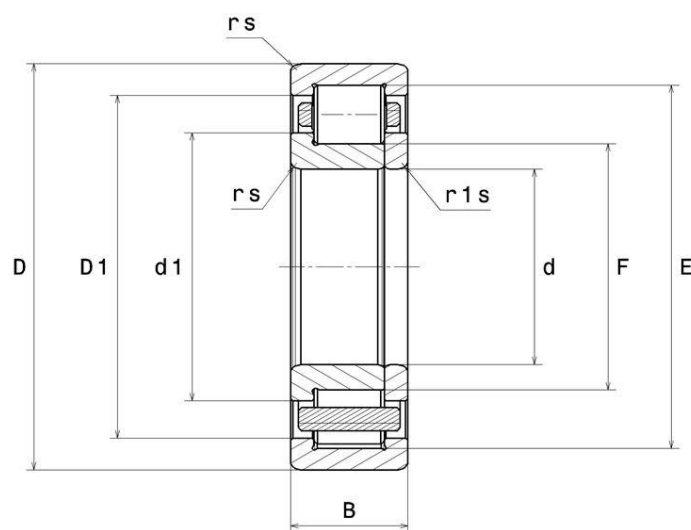
## Technical data

### NUP2306ET2XU

Single row cylindrical roller bearings

Single row cylindrical roller bearing, locating, separable, polyamide cage

#### VISUAL (S)



# NUP2306ET2XU

Single row cylindrical roller bearings

## PRODUCT DEFINITION

|                                      |         |
|--------------------------------------|---------|
| <b>Brand</b>                         | NTN     |
| <b>d - Internal diameter</b>         | 30 mm   |
| <b>D - External diameter</b>         | 72 mm   |
| <b>B - Bearing/Inner ring width</b>  | 27 mm   |
| <b>E - Upper roller diameter</b>     | 62,5 mm |
| <b>F - Under roller diameter</b>     | 40,5 mm |
| <b>d1 - IR flange outer diameter</b> | 44,9 mm |
| <b>rs - Min fillet radius</b>        | 1,1 mm  |
| <b>r1s - Min fillet radius</b>       | 1,1 mm  |
| <b>Radial clearance class</b>        | CN      |
| <b>Mass</b>                          | 0,55 kg |

## PRODUCT PERFORMANCE

|                                               |             |
|-----------------------------------------------|-------------|
| <b>C - Dynamic load</b>                       | 74500000 mN |
| <b>C0 - Static load</b>                       | 77500000 mN |
| <b>Cu - Fatigue limit load</b>                | 9500000 mN  |
| <b>N lim - Oil lubrication limit speed</b>    | 58200 °/s   |
| <b>N lim - Grease lubrication limit speed</b> | 49800 °/s   |
| <b>Tmin - Min operating temperature</b>       | 253,15 °K   |
| <b>Tmax - Max operating temperature</b>       | 393,15 °K   |

## ABUTMENT

|                                            |         |
|--------------------------------------------|---------|
| <b>da min - Min shoulder diameter IR</b>   | 36,5 mm |
| <b>dc min - Min inner ring GO diameter</b> | 48 mm   |
| <b>Da max - Max shoulder diameter OR</b>   | 65,5 mm |



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#### ABUTMENT

**ra max - Max fillet radius**

1 mm

#### INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$Po = Fr$$



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