



## Technical data

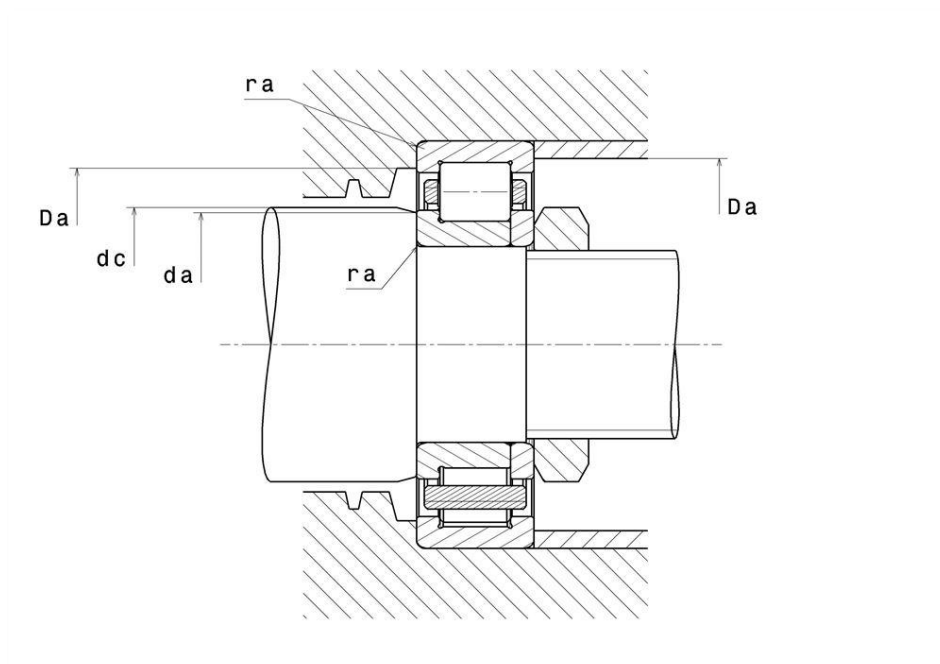
### NUP2305EAT2XU

Single row cylindrical roller bearings

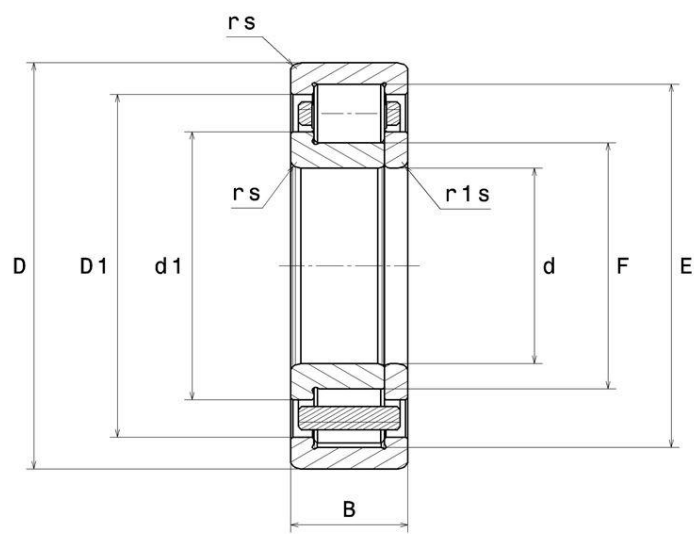
Single row cylindrical roller bearing, locating, separable, polyamide cage

**ULTAGE®**

## VISUAL (S)



NUP2305EAT2XU  
Single row cylindrical roller bearings



PRODUCT DEFINITION

|                               |        |
|-------------------------------|--------|
| Brand                         | NTN    |
| d - Internal diameter         | 25 mm  |
| D - External diameter         | 62 mm  |
| B - Bearing/Inner ring width  | 24 mm  |
| E - Upper roller diameter     | 54 mm  |
| F - Under roller diameter     | 34 mm  |
| d1 - IR flange outer diameter | 38 mm  |
| rNs - Min fillet radius       | 1,1 mm |
| rs - Min fillet radius        | 1,1 mm |
| Radial clearance class        | CN     |

PRODUCT PERFORMANCE

|                  |             |
|------------------|-------------|
| C - Dynamic load | 67500000 mN |
| C0 - Static load | 56000000 mN |



# NUP2305EAT2XU

Single row cylindrical roller bearings

## PRODUCT PERFORMANCE

|                                               |            |
|-----------------------------------------------|------------|
| <b>Cu - Fatigue limit load</b>                | 6850000 mN |
| <b>N lim - Oil lubrication limit speed</b>    | 79200 °/s  |
| <b>N lim - Grease lubrication limit speed</b> | 58200 °/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>         | 31,5 mm |
| <b>Da max - Max shoulder diameter OR</b>         | 55,5 mm |
| <b>Db min - Small face shoulder min diameter</b> | 55 mm   |
| <b>ra max - Max fillet radius</b>                | 1 mm    |
| <b>r1a - Max fillet radius</b>                   | 1 mm    |



### NTN Europe

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S.A. au capital de 322 639 919 € · RCS ANNECY B 325 821 072 · Id. Fiscale : FR 48 325 821 072  
SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15

## INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$



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