



## Technical data

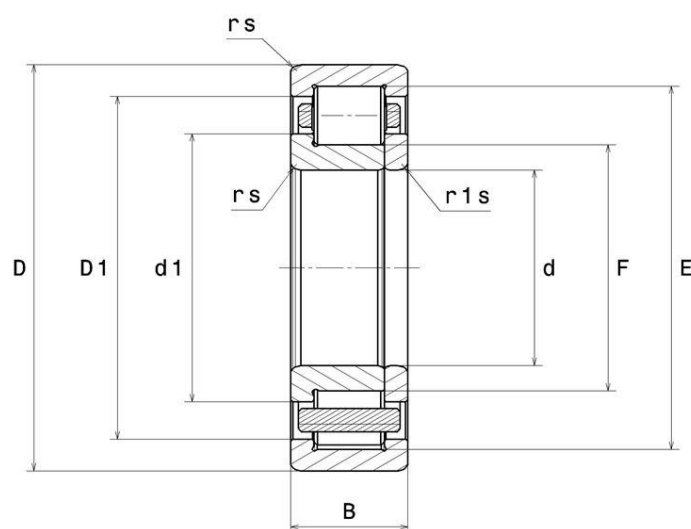
### NUP207EAT2XU

Single row cylindrical roller bearings

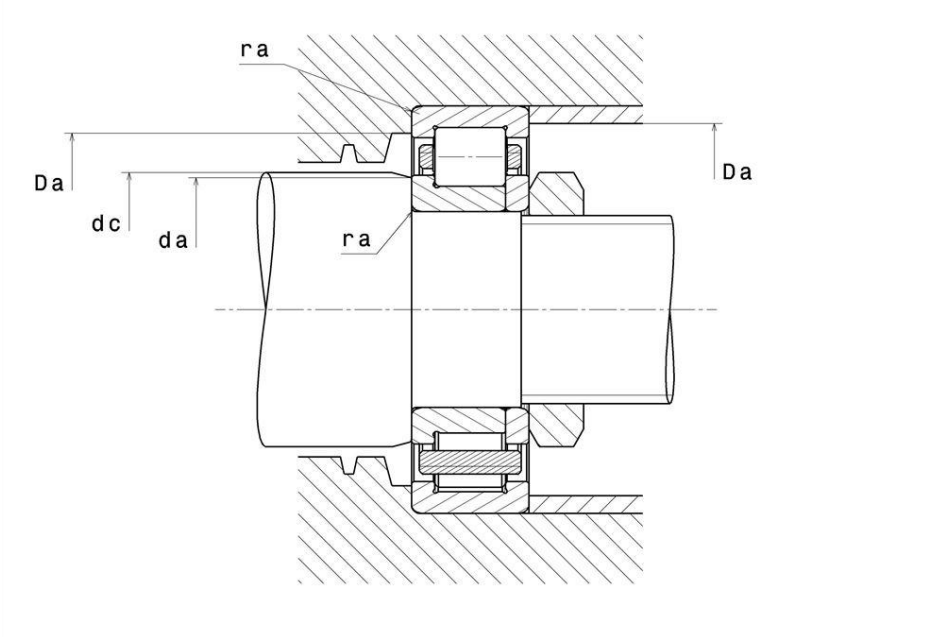
Single row cylindrical roller bearing, locating, separable, polyamide cage

**ULTAGE®**

## VISUAL (S)



NUP207EAT2XU  
Single row cylindrical roller bearings



| PRODUCT DEFINITION            |          |
|-------------------------------|----------|
| Brand                         | NTN      |
| d - Internal diameter         | 35 mm    |
| D - External diameter         | 72 mm    |
| B - Bearing/Inner ring width  | 17 mm    |
| E - Upper roller diameter     | 64 mm    |
| F - Under roller diameter     | 44 mm    |
| d1 - IR flange outer diameter | 48 mm    |
| rs - Min fillet radius        | 1,1 mm   |
| r1s - Min fillet radius       | 0,6 mm   |
| Radial clearance class        | CN       |
| Mass                          | 0,307 kg |

| PRODUCT PERFORMANCE |             |
|---------------------|-------------|
| C - Dynamic load    | 59500000 mN |

## PRODUCT PERFORMANCE

|                                               |             |
|-----------------------------------------------|-------------|
| <b>C0 - Static load</b>                       | 50000000 mN |
| <b>Cu - Fatigue limit load</b>                | 6100000 mN  |
| <b>N lim - Oil lubrication limit speed</b>    | 79200 °/s   |
| <b>N lim - Grease lubrication limit speed</b> | 57000 °/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>   | 39 mm   |
| <b>dc min - Min inner ring GO diameter</b> | 50 mm   |
| <b>Da max - Max shoulder diameter OR</b>   | 65,5 mm |
| <b>ra max - Max fillet radius</b>          | 1 mm    |
| <b>r1a - Max fillet radius</b>             | 0,6 mm  |



## INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = F_r$$

Equivalent static radial load

$$P_0 = F_r$$



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