



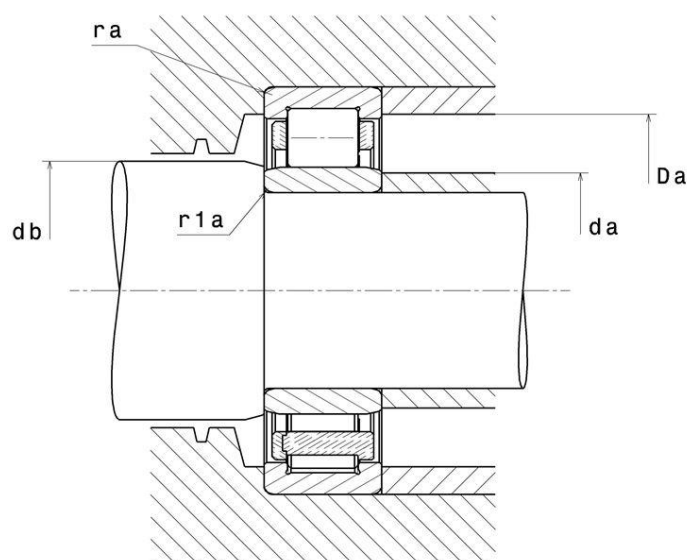
## Technical data

### NU1028

Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, brass cage

#### VISUAL (S)



### PRODUCT DEFINITION

|                                     |         |
|-------------------------------------|---------|
| <b>Brand</b>                        | NTN     |
| <b>d - Internal diameter</b>        | 140 mm  |
| <b>D - External diameter</b>        | 210 mm  |
| <b>B - Bearing/Inner ring width</b> | 33 mm   |
| <b>E - Upper roller diameter</b>    | 192 mm  |
| <b>F - Under roller diameter</b>    | 158 mm  |
| <b>rs - Min fillet radius</b>       | 2 mm    |
| <b>r1s - Min fillet radius</b>      | 1,1 mm  |
| <b>Radial clearance class</b>       | CN      |
| <b>Mass</b>                         | 4,05 kg |

### PRODUCT PERFORMANCE

|                                               |              |
|-----------------------------------------------|--------------|
| <b>C - Dynamic load</b>                       | 195000000 mN |
| <b>C0 - Static load</b>                       | 250000000 mN |
| <b>Cu - Fatigue limit load</b>                | 25700000 mN  |
| <b>N lim - Oil lubrication limit speed</b>    | 22800 °/s    |
| <b>N lim - Grease lubrication limit speed</b> | 19200 °/s    |
| <b>Tmin - Min operating temperature</b>       | 233,15 °K    |
| <b>Tmax - Max operating temperature</b>       | 393,15 °K    |

### ABUTMENT

|                                                  |          |
|--------------------------------------------------|----------|
| <b>da min - Min shoulder diameter IR</b>         | 146,5 mm |
| <b>da max - Small face shoulder max diameter</b> | 156 mm   |
| <b>db min - Min inner ring GO diameter</b>       | 161 mm   |
| <b>Da max - Max shoulder diameter OR</b>         | 201 mm   |



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## ABUTMENT

**ra max - Max fillet radius**

2 mm

**r1a - Max fillet radius**

1 mm

## INDUSTRY CALCUL FACTORS

**Equivalent dynamic radial load**

$$P = Fr$$

**Equivalent static radial load**

$$P_0 = Fr$$



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