



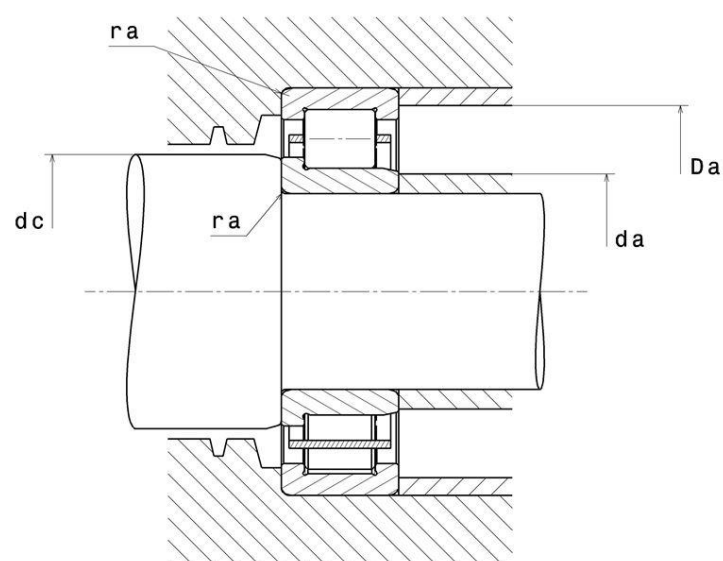
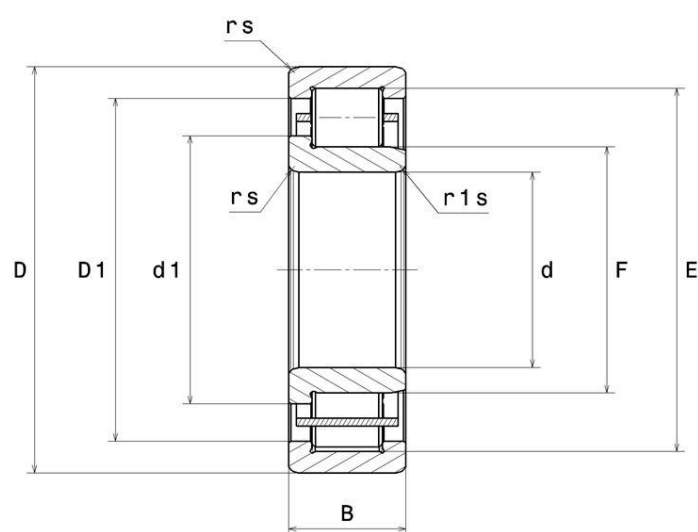
## Technical data

### NJ2315

Single row cylindrical roller bearings

Single row cylindrical roller bearing, single direction for axial loads, separable, pressed steel cage.

#### VISUAL (S)



## PRODUCT DEFINITION

|                                      |          |
|--------------------------------------|----------|
| <b>Brand</b>                         | NTN      |
| <b>d - Internal diameter</b>         | 75 mm    |
| <b>D - External diameter</b>         | 160 mm   |
| <b>B - Bearing/Inner ring width</b>  | 55 mm    |
| <b>E - Upper roller diameter</b>     | 139,5 mm |
| <b>F - Under roller diameter</b>     | 95,5 mm  |
| <b>d1 - IR flange outer diameter</b> | 104,2 mm |
| <b>rs - Min fillet radius</b>        | 2,1 mm   |
| <b>r1s - Min fillet radius</b>       | 2,1 mm   |
| <b>Radial clearance class</b>        | CN       |
| <b>Mass</b>                          | 4,87 kg  |

## PRODUCT PERFORMANCE

|                                               |              |
|-----------------------------------------------|--------------|
| <b>C - Dynamic load</b>                       | 286000000 mN |
| <b>C0 - Static load</b>                       | 300000000 mN |
| <b>Cu - Fatigue limit load</b>                | 35000000 mN  |
| <b>N lim - Oil lubrication limit speed</b>    | 27000 °/s    |
| <b>N lim - Grease lubrication limit speed</b> | 22800 °/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>         | 86 mm  |
| <b>da max - Small face shoulder max diameter</b> | 93 mm  |
| <b>dc min - Min inner ring GO diameter</b>       | 106 mm |



| ABUTMENT                          |        |
|-----------------------------------|--------|
| Da max - Max shoulder diameter OR | 149 mm |
| ra max - Max fillet radius        | 2 mm   |

| INDUSTRY CALCUL FACTORS        |  |
|--------------------------------|--|
| Equivalent dynamic radial load |  |
| $P = Fr$                       |  |
| Equivalent static radial load  |  |
| $P_0 = Fr$                     |  |