

# NU3092M3

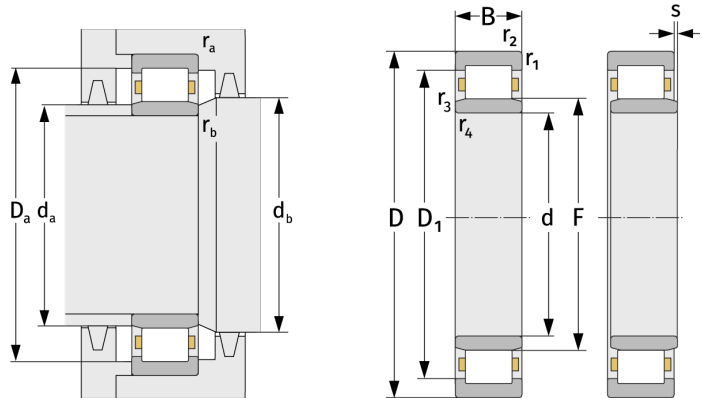
Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |               |                |                 |
|-------------|---------------|----------------|-----------------|
| d [mm]      | 460           | $D_1$ [mm]     | $\approx 602.4$ |
| D [mm]      | 680           | $r_{1,2}$ [mm] | 6               |
| B [mm]      | 163           | $r_{3,4}$ [mm] | 6               |
| Weight [kg] | $\approx 215$ | s [mm]         | 13.3            |
| F [mm]      | 516           |                |                 |



### Mating dimensions

|                    |     |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 483 |
| $d_{a, \max}$ [mm] | 511 |
| $d_{b, \min}$ [mm] | 521 |
| $D_{a, \max}$ [mm] | 657 |
| $r_{a, \max}$ [mm] | 5   |
| $r_{b, \max}$ [mm] | 5   |

### Calculation data

|                                |      |
|--------------------------------|------|
| C [kN]                         | 3310 |
| $C_0$ [kN]                     | 7050 |
| $C_u$ [kN]                     | 584  |
| $n_{th}$ [ $\text{min}^{-1}$ ] | 471  |
| $n_g$ [ $\text{min}^{-1}$ ]    | 1100 |