

# NU2924E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |                |                |                 |
|-------------|----------------|----------------|-----------------|
| d [mm]      | 120            | $D_1$ [mm]     | $\approx 150.7$ |
| D [mm]      | 165            | $r_{1,2}$ [mm] | 1.1             |
| B [mm]      | 27             | $r_{3,4}$ [mm] | 1               |
| Weight [kg] | $\approx 1.73$ | s [mm]         | 1.9             |
| F [mm]      | 131.5          |                |                 |



### Mating dimensions

|                    |     |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 126 |
| $d_{a, \max}$ [mm] | 129 |
| $d_{b, \min}$ [mm] | 134 |
| $D_{a, \max}$ [mm] | 159 |
| $r_{a, \max}$ [mm] | 1   |
| $r_{b, \max}$ [mm] | 1   |

### Calculation data

|                                |      |
|--------------------------------|------|
| C [kN]                         | 155  |
| $C_0$ [kN]                     | 255  |
| $C_u$ [kN]                     | 31.3 |
| $n_{th}$ [ $\text{min}^{-1}$ ] | 3103 |
| $n_g$ [ $\text{min}^{-1}$ ]    | 5100 |