

# NU2926E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |               |                |                 |
|-------------|---------------|----------------|-----------------|
| d [mm]      | 130           | $D_1$ [mm]     | $\approx 164.4$ |
| D [mm]      | 180           | $r_{1,2}$ [mm] | 1.5             |
| B [mm]      | 30            | $r_{3,4}$ [mm] | 1.1             |
| Weight [kg] | $\approx 2.3$ | s [mm]         | 2               |
| F [mm]      | 142           |                |                 |



### Mating dimensions

|                    |     |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 137 |
| $d_{a, \max}$ [mm] | 139 |
| $d_{b, \min}$ [mm] | 145 |
| $D_{a, \max}$ [mm] | 173 |
| $r_{a, \max}$ [mm] | 1.5 |
| $r_{b, \max}$ [mm] | 1   |

### Calculation data

|                                |      |
|--------------------------------|------|
| C [kN]                         | 191  |
| $C_0$ [kN]                     | 306  |
| $C_u$ [kN]                     | 36.7 |
| $n_{th}$ [ $\text{min}^{-1}$ ] | 2949 |
| $n_g$ [ $\text{min}^{-1}$ ]    | 4600 |