

# NU29/850E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |       |                |        |
|-------------|-------|----------------|--------|
| d [mm]      | 850   | $D_1$ [mm]     | ≈ 1031 |
| D [mm]      | 1120  | $r_{1,2}$ [mm] | 6      |
| B [mm]      | 155   | $r_{3,4}$ [mm] | 6      |
| Weight [kg] | ≈ 425 | s [mm]         | 8.5    |
| F [mm]      | 919   |                |        |



### Mating dimensions

|                    |      |
|--------------------|------|
| $d_{a, \min}$ [mm] | 873  |
| $d_{a, \max}$ [mm] | 914  |
| $d_{b, \min}$ [mm] | 924  |
| $D_{a, \max}$ [mm] | 1097 |
| $r_{a, \max}$ [mm] | 5    |
| $r_{b, \max}$ [mm] | 5    |

### Calculation data

|                                |       |
|--------------------------------|-------|
| C [kN]                         | 4830  |
| $C_0$ [kN]                     | 11600 |
| $C_u$ [kN]                     | 816   |
| $n_{th}$ [ $\text{min}^{-1}$ ] | 255   |
| $n_g$ [ $\text{min}^{-1}$ ]    | 540   |