

# NU39/900E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |       |                |        |
|-------------|-------|----------------|--------|
| d [mm]      | 900   | $D_1$ [mm]     | ≈ 1089 |
| D [mm]      | 1180  | $r_{1,2}$ [mm] | 6      |
| B [mm]      | 206   | $r_{3,4}$ [mm] | 6      |
| Weight [kg] | ≈ 618 | s [mm]         | 9.9    |
| F [mm]      | 969   |                |        |



### Mating dimensions

|                    |      |
|--------------------|------|
| $d_{a, \min}$ [mm] | 923  |
| $d_{a, \max}$ [mm] | 964  |
| $d_{b, \min}$ [mm] | 974  |
| $D_{a, \max}$ [mm] | 1157 |
| $r_{a, \max}$ [mm] | 5    |
| $r_{b, \max}$ [mm] | 5    |

### Calculation data

|                                |       |
|--------------------------------|-------|
| C [kN]                         | 6600  |
| $C_0$ [kN]                     | 16600 |
| $C_u$ [kN]                     | 1153  |
| $n_{th}$ [ $\text{min}^{-1}$ ] | 197   |
| $n_g$ [ $\text{min}^{-1}$ ]    | 500   |