

# NU2352E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |               |                |               |
|-------------|---------------|----------------|---------------|
| d [mm]      | 260           | $D_1$ [mm]     | $\approx 448$ |
| D [mm]      | 540           | $r_{1,2}$ [mm] | 6             |
| B [mm]      | 165           | $r_{3,4}$ [mm] | 6             |
| Weight [kg] | $\approx 191$ | s [mm]         | 8.5           |
| F [mm]      | 328           |                |               |



### Mating dimensions

|                    |     |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 286 |
| $d_{a, \max}$ [mm] | 325 |
| $d_{b, \min}$ [mm] | 331 |
| $D_{a, \max}$ [mm] | 514 |
| $r_{a, \max}$ [mm] | 5   |
| $r_{b, \max}$ [mm] | 5   |

### Calculation data

|                                |      |
|--------------------------------|------|
| C [kN]                         | 2960 |
| $C_0$ [kN]                     | 4370 |
| $C_u$ [kN]                     | 399  |
| $n_{th}$ [ $\text{min}^{-1}$ ] | 682  |
| $n_g$ [ $\text{min}^{-1}$ ]    | 1700 |