

NU2852M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|----------------|----------------|-----------------|
| d [mm] | 260 | D_1 [mm] | ≈ 300.6 |
| D [mm] | 320 | $r_{1,2}$ [mm] | 2 |
| B [mm] | 36 | $r_{3,4}$ [mm] | 1.1 |
| Weight [kg] | ≈ 6.27 | s [mm] | 4.3 |
| F [mm] | 275 | | |



Mating dimensions

| | |
|--------------------|-------|
| $d_{a, \min}$ [mm] | 268.8 |
| $d_{a, \max}$ [mm] | 272 |
| $d_{b, \min}$ [mm] | 278 |
| $D_{a, \max}$ [mm] | 311.2 |
| $r_{a, \max}$ [mm] | 2 |
| $r_{b, \max}$ [mm] | 1 |

Calculation data

| | |
|--------------------------------|------|
| C [kN] | 335 |
| C_0 [kN] | 715 |
| C_u [kN] | 71.6 |
| n_{th} [min^{-1}] | 1437 |
| n_g [min^{-1}] | 2400 |