

NU3012M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|---------|----------------|--------|
| d [mm] | 60 | D_1 [mm] | ≈ 82.3 |
| D [mm] | 95 | $r_{1,2}$ [mm] | 1.1 |
| B [mm] | 26 | $r_{3,4}$ [mm] | 1 |
| Weight [kg] | ≈ 0.708 | s [mm] | 3 |
| F [mm] | 69.5 | | |



Mating dimensions

| | |
|--------------------|----|
| $d_{a, \min}$ [mm] | 66 |
| $d_{a, \max}$ [mm] | 68 |
| $d_{b, \min}$ [mm] | 71 |
| $D_{a, \max}$ [mm] | 89 |
| $r_{a, \max}$ [mm] | 1 |
| $r_{b, \max}$ [mm] | 1 |

Calculation data

| | |
|--------------------------------|------|
| C [kN] | 68.4 |
| C_0 [kN] | 96 |
| C_u [kN] | 12.6 |
| n_{th} [min^{-1}] | 6461 |
| n_g [min^{-1}] | 9500 |