

NU3060M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|--------|----------------|-------|
| d [mm] | 300 | D_1 [mm] | ≈ 404 |
| D [mm] | 460 | $r_{1,2}$ [mm] | 4 |
| B [mm] | 118 | $r_{3,4}$ [mm] | 4 |
| Weight [kg] | ≈ 75.2 | s [mm] | 9.8 |
| F [mm] | 340 | | |



Mating dimensions

| | |
|--------------------|-------|
| $d_{a, \min}$ [mm] | 314.6 |
| $d_{a, \max}$ [mm] | 336 |
| $d_{b, \min}$ [mm] | 344 |
| $D_{a, \max}$ [mm] | 445.4 |
| $r_{a, \max}$ [mm] | 3 |
| $r_{b, \max}$ [mm] | 3 |

Calculation data

| | |
|--------------------------------|------|
| C [kN] | 1740 |
| C_0 [kN] | 3340 |
| C_u [kN] | 310 |
| n_{th} [min^{-1}] | 873 |
| n_g [min^{-1}] | 1800 |