

NU1860M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|--------|----------------|-------|
| d [mm] | 300 | D_1 [mm] | ≈ 354 |
| D [mm] | 380 | $r_{1,2}$ [mm] | 2.1 |
| B [mm] | 38 | $r_{3,4}$ [mm] | 1.5 |
| Weight [kg] | ≈ 9.93 | s [mm] | 5.5 |
| F [mm] | 322 | | |



Mating dimensions

| | |
|--------------------|-------|
| $d_{a, \min}$ [mm] | 310.2 |
| $d_{a, \max}$ [mm] | 319 |
| $d_{b, \min}$ [mm] | 325 |
| $D_{a, \max}$ [mm] | 369.8 |
| $r_{a, \max}$ [mm] | 2.1 |
| $r_{b, \max}$ [mm] | 1.5 |

Calculation data

| | |
|--------------------------------|------|
| C [kN] | 362 |
| C_0 [kN] | 710 |
| C_u [kN] | 67.9 |
| n_{th} [min^{-1}] | 1393 |
| n_g [min^{-1}] | 2000 |