

NU2022E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|----------------|----------------|-----------------|
| d [mm] | 110 | D_1 [mm] | ≈ 150.6 |
| D [mm] | 170 | $r_{1,2}$ [mm] | 2 |
| B [mm] | 36 | $r_{3,4}$ [mm] | 1.1 |
| Weight [kg] | ≈ 3.04 | s [mm] | 2 |
| F [mm] | 125 | | |



Mating dimensions

| | |
|--------------------|-------|
| $d_{a, \min}$ [mm] | 118.8 |
| $d_{a, \max}$ [mm] | 123 |
| $d_{b, \min}$ [mm] | 127 |
| $D_{a, \max}$ [mm] | 161.2 |
| $r_{a, \max}$ [mm] | 2 |
| $r_{b, \max}$ [mm] | 1 |

Calculation data

| | |
|--------------------------------|------|
| C [kN] | 222 |
| C_0 [kN] | 328 |
| C_u [kN] | 40.4 |
| n_{th} [min^{-1}] | 3562 |
| n_g [min^{-1}] | 5100 |