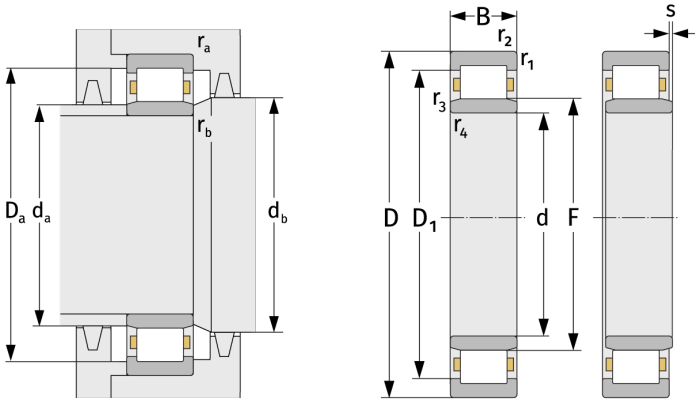
# NU324E.M3

Cylindrical Roller Bearings (single row, with cage)

## Details:

| Main dimensions | | | |
|---|---|---|---|
| d [mm] | 120 | $D_1$ [mm] | ≈ 214.8 |
| D [mm] | 260 | $r_{1,2}$ [mm] | 3 |
| B [mm] | 55 | $r_{3,4}$ [mm] | 3 |
| Weight [kg] | ≈ 14 | s [mm] | 3.8 |
| F [mm] | 154 | | |




| Mating dimensions | | Calculation data | |
|---|---|---|---|
| $d_{a, min}$ [mm] | 134 | C [kN] | 540 |
| $d_{a, max}$ [mm] | 151 | $C_0$ [kN] | 625 |
| $d_{b, min}$ [mm] | 156 | $C_u$ [kN] | 70.2 |
| $D_{a, max}$ [mm] | 246 | $n_{th}$ [$min^{-1}$] | 2656 |
| $r_{a, max}$ [mm] | 2.5 | $n_g$ [$min^{-1}$] | 3700 |
| $r_{b, max}$ [mm] | 2.5 | | |