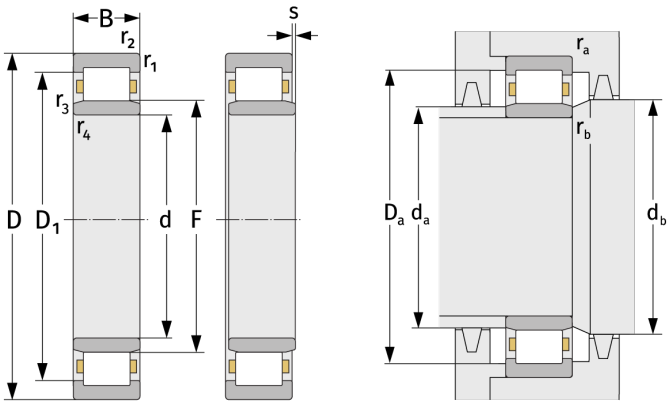
# NU210E.M3

Cylindrical Roller Bearings (single row, with cage)

## Details:

| Main dimensions | | | |
|---|---|---|---|
| d [mm] | 50 | $D_1$ [mm] | ≈ 77.1 |
| D [mm] | 90 | $r_{1,2}$ [mm] | 1.1 |
| B [mm] | 20 | $r_{3,4}$ [mm] | 1.1 |
| F [mm] | 59.5 | s [mm] | 2.2 |




| Mating dimensions | | Calculation data | |
|---|---|---|---|
| $d_{a, min}$ [mm] | 57 | C [kN] | 66.2 |
| $d_{a, max}$ [mm] | 58 | $C_0$ [kN] | 71.9 |
| $d_{b, min}$ [mm] | 62 | $C_u$ [kN] | 9.45 |
| $D_{a, max}$ [mm] | 83 | $n_{th}$ [$min^{-1}$] | 6638 |
| $r_{a, max}$ [mm] | 1 | $n_g$ [$min^{-1}$] | 11000 |
| $r_{b, max}$ [mm] | 1 | | |