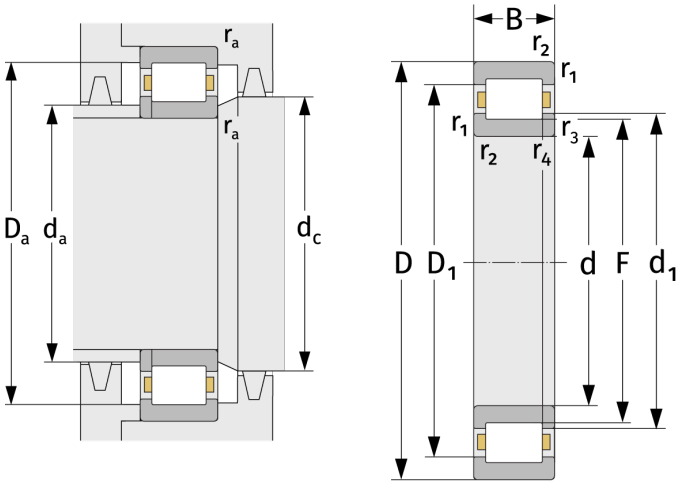
# NUP10/900M3

Cylindrical Roller Bearings (single row, with cage)

## Details:

| Main dimensions | | | |
|---|---|---|---|
| d [mm] | 900 | $d_1$ [mm] | ≈ 1030 |
| D [mm] | 1280 | $D_1$ [mm] | ≈ 1150 |
| B [mm] | 170 | $r_{1,2}$ [mm] | 7.5 |
| Weight [kg] | ≈ 743 | $r_{3,4}$ [mm] | 7.5 |
| F [mm] | 990 | | |




| Mating dimensions | |
|---|---|
| $d_{a,\,min}$ [mm] | 928 |
| $d_{c,\,min}$ [mm] | 1036 |
| $D_{a,\,max}$ [mm] | 1252 |
| $r_{a,\,max}$ [mm] | 6 |

| Calculation data | |
|---|---|
| C [kN] | 6350 |
| $C_0$ [kN] | 13100 |
| $C_u$ [kN] | 899 |
| $n_{th}$ [$min^{-1}$] | 300 |
| $n_g$ [$min^{-1}$] | 470 |