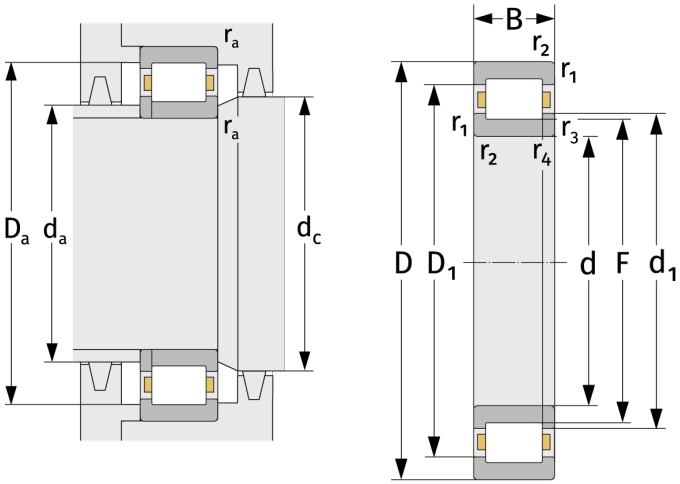
# NUP448M3

Cylindrical Roller Bearings (single row, with cage)

## Details:

| Main dimensions | | | |
|---|---|---|---|
| d [mm] | 240 | $d_1$ [mm] | ≈ 362 |
| D [mm] | 580 | $D_1$ [mm] | ≈ 458 |
| B [mm] | 122 | $r_{1,2}$ [mm] | 6 |
| Weight [kg] | ≈ 182 | $r_{3,4}$ [mm] | 6 |
| F [mm] | 330 | | |




| Mating dimensions | |
|---|---|
| $d_{a,\,min}$ [mm] | 270 |
| $d_{c,\,min}$ [mm] | 366 |
| $D_{a,\,max}$ [mm] | 550 |
| $r_{a,\,max}$ [mm] | 5 |

| Calculation data | |
|---|---|
| C [kN] | 2260 |
| $C_0$ [kN] | 2980 |
| $C_u$ [kN] | 271 |
| $n_{th}$ [$min^{-1}$] | 835 |
| $n_g$ [$min^{-1}$] | 1700 |