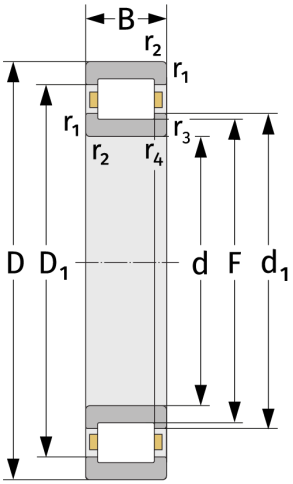
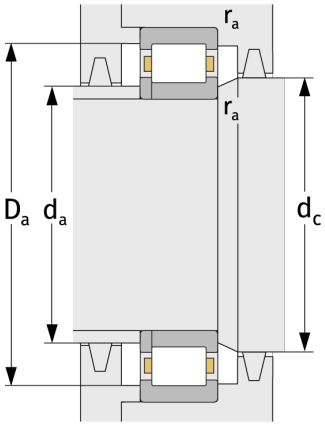
# NUP3009M3

Cylindrical Roller Bearings (single row, with cage)

## Details:

| Main dimensions | | | |
|---|---|---|---|
| d [mm] | 45 | $d_1$ [mm] | ≈ 55.5 |
| D [mm] | 75 | $D_1$ [mm] | ≈ 64.5 |
| B [mm] | 23 | $r_{1,2}$ [mm] | 1 |
| F [mm] | 52.5 | $r_{3,4}$ [mm] | 0.6 |




| Mating dimensions | |
|---|---|
| $d_{a,\,min}$ [mm] | 49.6 |
| $d_{c,\,min}$ [mm] | 57 |
| $D_{a,\,max}$ [mm] | 70.4 |
| $r_{a,\,max}$ [mm] | 1 |

| Calculation data | |
|---|---|
| C [kN] | 52.5 |
| $C_0$ [kN] | 65.7 |
| $C_u$ [kN] | 8.62 |
| $n_{th}$ [$min^{-1}$] | 8222 |
| $n_g$ [$min^{-1}$] | 13000 |