

NUP1916E.M3

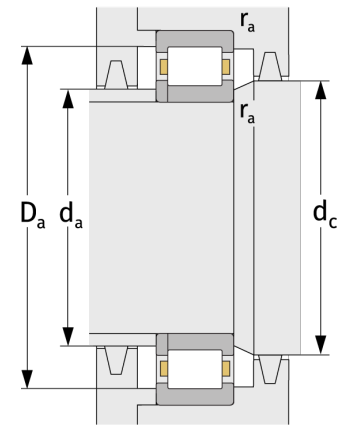
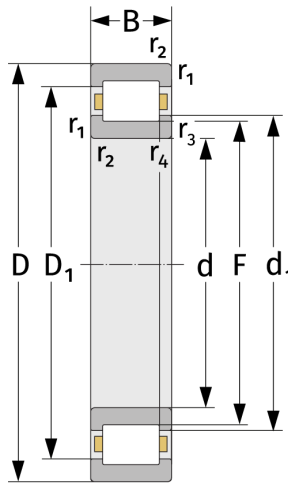
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|--------|-----------------------|---------|
| d [mm] | 80 | d ₁ [mm] | ≈ 90.7 |
| D [mm] | 110 | D ₁ [mm] | ≈ 100.3 |
| B [mm] | 16 | r _{1,2} [mm] | 1 |
| Weight [kg] | ≈ 0.46 | r _{3,4} [mm] | 0.6 |
| F [mm] | 87.5 | s [mm] | 1.4 |



| Mating dimensions | | Calculation data | |
|--------------------------|-------|--------------------------------------|------|
| d _{a, min} [mm] | 84.6 | C [kN] | 55.5 |
| d _{c, min} [mm] | 93 | C ₀ [kN] | 79.4 |
| D _{a, max} [mm] | 105.4 | C _u [kN] | 10.4 |
| r _{a, max} [mm] | 1 | n _{th} [min ⁻¹] | 4536 |
| | | n _g [min ⁻¹] | 7700 |