

N3012M3

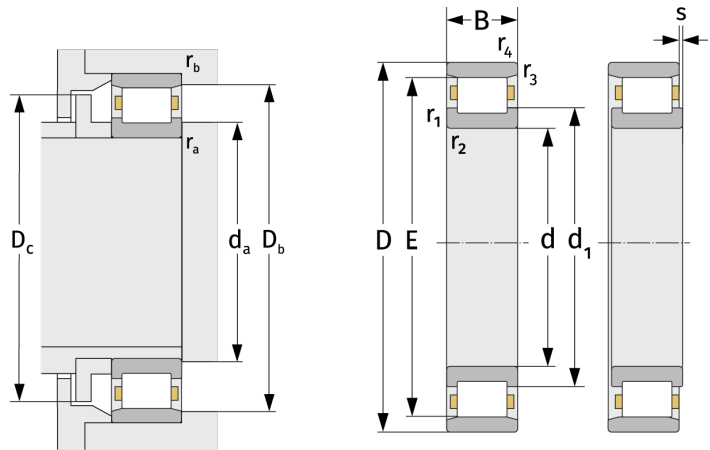
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|---------|-----------------------|--------|
| d [mm] | 60 | d ₁ [mm] | ≈ 72.7 |
| D [mm] | 95 | r _{1,2} [mm] | 1.1 |
| B [mm] | 26 | r _{3,4} [mm] | 1 |
| Weight [kg] | ≈ 0.703 | s [mm] | 3 |
| E [mm] | 85.5 | | |



Mating dimensions

| | |
|-------------------------|----|
| d _{a,min} [mm] | 66 |
| D _{b,min} [mm] | 87 |
| D _{c,max} [mm] | 84 |
| r _{a,max} [mm] | 1 |
| r _{b,max} [mm] | 1 |

Calculation data

| | |
|--------------------------------------|------|
| C [kN] | 68.4 |
| C ₀ [kN] | 96 |
| C _u [kN] | 12.6 |
| n _{th} [min ⁻¹] | 6461 |
| n _g [min ⁻¹] | 9500 |