

N1856M3

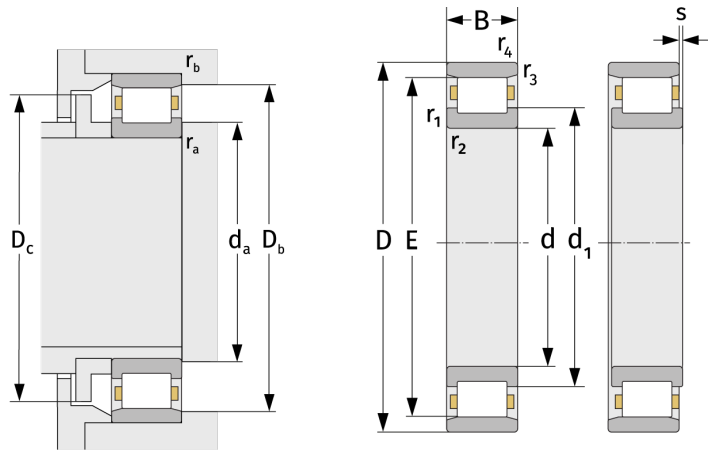
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|-----|-----------------------|---------|
| d [mm] | 280 | d ₁ [mm] | ≈ 305.8 |
| D [mm] | 350 | r _{1,2} [mm] | 2 |
| B [mm] | 33 | r _{3,4} [mm] | 1.1 |
| Weight [kg] | ≈ 6 | s [mm] | 5 |
| E [mm] | 333 | | |



Mating dimensions

| | |
|-------------------------|-------|
| d _{a,min} [mm] | 288.8 |
| D _{b,min} [mm] | 336 |
| D _{c,max} [mm] | 330 |
| r _{a,max} [mm] | 2 |
| r _{b,max} [mm] | 1 |

Calculation data

| | |
|--------------------------------------|------|
| C [kN] | 277 |
| C ₀ [kN] | 555 |
| C _u [kN] | 54.1 |
| n _{th} [min ⁻¹] | 1507 |
| n _g [min ⁻¹] | 2200 |