

N18/800M3

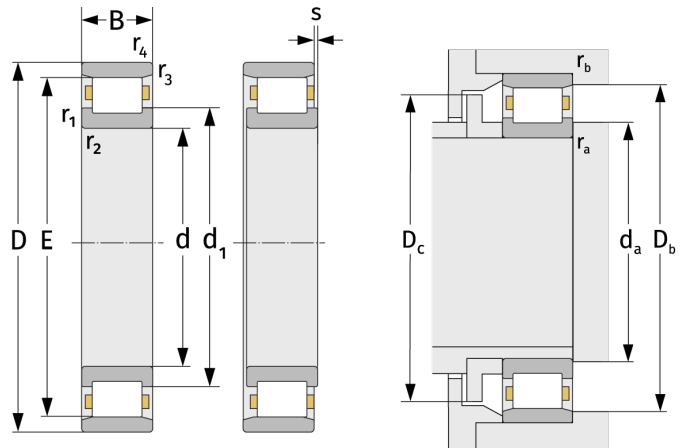
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|-------|-----------------------|-------|
| d [mm] | 800 | d ₁ [mm] | ≈ 867 |
| D [mm] | 980 | r _{1,2} [mm] | 5 |
| B [mm] | 82 | r _{3,4} [mm] | 5 |
| Weight [kg] | ≈ 127 | s [mm] | 11.8 |
| E [mm] | 939 | | |



Mating dimensions

Calculation data

| | | | |
|-------------------------|-----|--------------------------------------|------|
| d _{a,min} [mm] | 818 | C [kN] | 1760 |
| D _{b,min} [mm] | 944 | C ₀ [kN] | 4190 |
| D _{c,max} [mm] | 934 | C _u [kN] | 305 |
| r _{a,max} [mm] | 4 | n _{th} [min ⁻¹] | 419 |
| r _{b,max} [mm] | 4 | n _g [min ⁻¹] | 620 |