

# N18/800M3

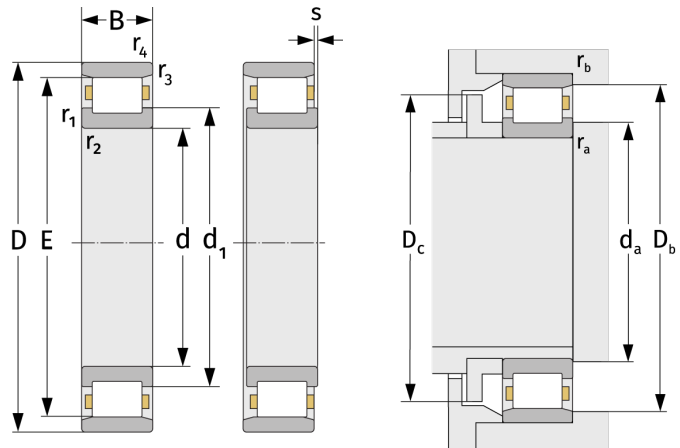
Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |       |                       |       |
|-------------|-------|-----------------------|-------|
| d [mm]      | 800   | d <sub>1</sub> [mm]   | ≈ 867 |
| D [mm]      | 980   | r <sub>1,2</sub> [mm] | 5     |
| B [mm]      | 82    | r <sub>3,4</sub> [mm] | 5     |
| Weight [kg] | ≈ 127 | s [mm]                | 11.8  |
| E [mm]      | 939   |                       |       |



### Mating dimensions

### Calculation data

|                          |     |                                      |      |
|--------------------------|-----|--------------------------------------|------|
| d <sub>a, min</sub> [mm] | 818 | C [kN]                               | 1760 |
| D <sub>b, min</sub> [mm] | 944 | C <sub>0</sub> [kN]                  | 4190 |
| D <sub>c, max</sub> [mm] | 934 | C <sub>u</sub> [kN]                  | 305  |
| r <sub>a, max</sub> [mm] | 4   | n <sub>th</sub> [min <sup>-1</sup> ] | 419  |
| r <sub>b, max</sub> [mm] | 4   | n <sub>g</sub> [min <sup>-1</sup> ]  | 620  |