

# N3168M3

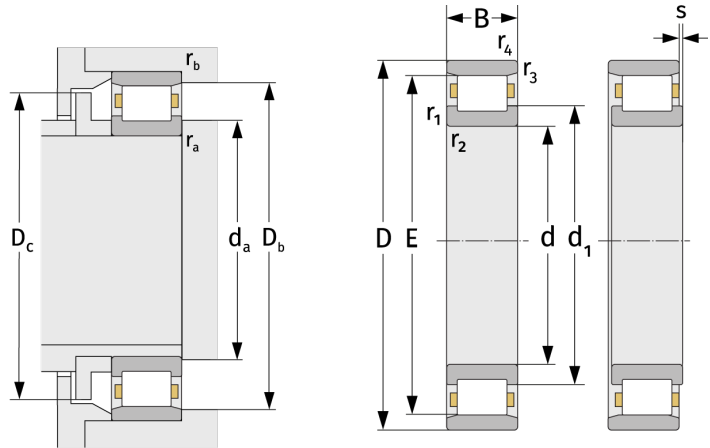
Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |       |                       |         |
|-------------|-------|-----------------------|---------|
| d [mm]      | 340   | d <sub>1</sub> [mm]   | ≈ 424.6 |
| D [mm]      | 580   | r <sub>1,2</sub> [mm] | 5       |
| B [mm]      | 190   | r <sub>3,4</sub> [mm] | 5       |
| Weight [kg] | ≈ 209 | s [mm]                | 18.5    |
| E [mm]      | 527   |                       |         |



### Mating dimensions

|                         |     |
|-------------------------|-----|
| d <sub>a,min</sub> [mm] | 360 |
| D <sub>b,min</sub> [mm] | 531 |
| D <sub>c,max</sub> [mm] | 523 |
| r <sub>a,max</sub> [mm] | 4   |
| r <sub>b,max</sub> [mm] | 4   |

### Calculation data

|                                      |      |
|--------------------------------------|------|
| C [kN]                               | 3270 |
| C <sub>0</sub> [kN]                  | 5750 |
| C <sub>u</sub> [kN]                  | 504  |
| n <sub>th</sub> [min <sup>-1</sup> ] | 645  |
| n <sub>g</sub> [min <sup>-1</sup> ]  | 1400 |