

# NJ417M3

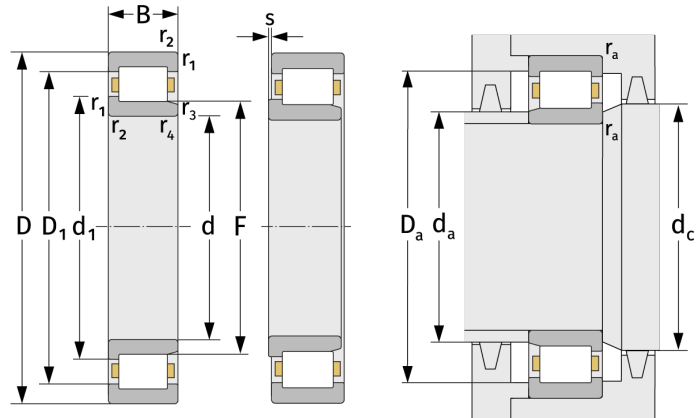
Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |     |                       |         |
|-------------|-----|-----------------------|---------|
| d [mm]      | 85  | d <sub>1</sub> [mm]   | ≈ 125.8 |
| D [mm]      | 210 | D <sub>1</sub> [mm]   | ≈ 164.2 |
| B [mm]      | 52  | r <sub>1,2</sub> [mm] | 4       |
| Weight [kg] | ≈ 9 | r <sub>3,4</sub> [mm] | 4       |
| F [mm]      | 113 | s [mm]                | 2.8     |



### Mating dimensions

|                          |     |
|--------------------------|-----|
| d <sub>a, min</sub> [mm] | 105 |
| d <sub>a, max</sub> [mm] | 111 |
| d <sub>b, min</sub> [mm] | 115 |
| d <sub>c, min</sub> [mm] | 128 |
| D <sub>a, max</sub> [mm] | 190 |
| r <sub>a, max</sub> [mm] | 3   |

### Calculation data

|                                      |      |
|--------------------------------------|------|
| C [kN]                               | 366  |
| C <sub>0</sub> [kN]                  | 396  |
| C <sub>u</sub> [kN]                  | 48.4 |
| n <sub>th</sub> [min <sup>-1</sup> ] | 3729 |
| n <sub>g</sub> [min <sup>-1</sup> ]  | 5000 |