

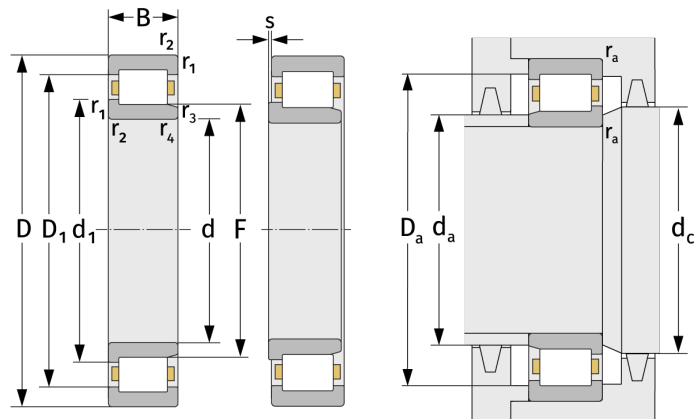
# NJ424M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

| Main dimensions |        |                       |       |
|-----------------|--------|-----------------------|-------|
| d [mm]          | 120    | d <sub>1</sub> [mm]   | ≈ 188 |
| D [mm]          | 310    | D <sub>1</sub> [mm]   | ≈ 242 |
| B [mm]          | 72     | r <sub>1,2</sub> [mm] | 5     |
| Weight [kg]     | ≈ 30.6 | r <sub>3,4</sub> [mm] | 5     |
| F [mm]          | 170    | s [mm]                | 3.3   |



| Mating dimensions        |     | Calculation data                     |      |
|--------------------------|-----|--------------------------------------|------|
| d <sub>a, min</sub> [mm] | 144 | C [kN]                               | 730  |
| d <sub>a, max</sub> [mm] | 168 | C <sub>0</sub> [kN]                  | 855  |
| d <sub>b, min</sub> [mm] | 172 | C <sub>u</sub> [kN]                  | 93.5 |
| d <sub>c, min</sub> [mm] | 190 | n <sub>th</sub> [min <sup>-1</sup> ] | 2183 |
| D <sub>a, max</sub> [mm] | 286 | n <sub>g</sub> [min <sup>-1</sup> ]  | 3300 |
| r <sub>a, max</sub> [mm] | 4   |                                      |      |