

# NJ1072M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |        |                       |       |
|-------------|--------|-----------------------|-------|
| d [mm]      | 360    | d <sub>1</sub> [mm]   | ≈ 423 |
| D [mm]      | 540    | D <sub>1</sub> [mm]   | ≈ 477 |
| B [mm]      | 82     | r <sub>1,2</sub> [mm] | 5     |
| Weight [kg] | ≈ 66.2 | r <sub>3,4</sub> [mm] | 5     |
| F [mm]      | 405    | s [mm]                | 12    |



| Mating dimensions        |     | Calculation data                     |      |
|--------------------------|-----|--------------------------------------|------|
| d <sub>a, min</sub> [mm] | 378 | C [kN]                               | 1170 |
| d <sub>a, max</sub> [mm] | 400 | C <sub>0</sub> [kN]                  | 1950 |
| d <sub>b, min</sub> [mm] | 410 | C <sub>u</sub> [kN]                  | 172  |
| d <sub>c, min</sub> [mm] | 427 | n <sub>th</sub> [min <sup>-1</sup> ] | 1108 |
| D <sub>a, max</sub> [mm] | 522 | n <sub>g</sub> [min <sup>-1</sup> ]  | 1500 |
| r <sub>a, max</sub> [mm] | 4   |                                      |      |