

# NJ1044M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |        |                       |       |
|-------------|--------|-----------------------|-------|
| d [mm]      | 220    | d <sub>1</sub> [mm]   | ≈ 262 |
| D [mm]      | 340    | D <sub>1</sub> [mm]   | ≈ 298 |
| B [mm]      | 56     | r <sub>1,2</sub> [mm] | 3     |
| Weight [kg] | ≈ 18.7 | r <sub>3,4</sub> [mm] | 3     |
| F [mm]      | 250    | s [mm]                | 8     |



| Mating dimensions        |       | Calculation data                     |      |
|--------------------------|-------|--------------------------------------|------|
| d <sub>a, min</sub> [mm] | 232.4 | C [kN]                               | 545  |
| d <sub>a, max</sub> [mm] | 248   | C <sub>0</sub> [kN]                  | 825  |
| d <sub>b, min</sub> [mm] | 254   | C <sub>u</sub> [kN]                  | 83.7 |
| d <sub>c, min</sub> [mm] | 265   | n <sub>th</sub> [min <sup>-1</sup> ] | 2003 |
| D <sub>a, max</sub> [mm] | 327.6 | n <sub>g</sub> [min <sup>-1</sup> ]  | 2500 |
| r <sub>a, max</sub> [mm] | 2.5   |                                      |      |