

# NU2824M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |         |                       |         |
|-------------|---------|-----------------------|---------|
| d [mm]      | 120     | D <sub>1</sub> [mm]   | ≈ 139.5 |
| D [mm]      | 150     | r <sub>1,2</sub> [mm] | 1       |
| B [mm]      | 19      | r <sub>3,4</sub> [mm] | 0.6     |
| Weight [kg] | ≈ 0.748 | s [mm]                | 2.5     |
| F [mm]      | 127.5   |                       |         |



### Mating dimensions

|                         |       |
|-------------------------|-------|
| d <sub>a,min</sub> [mm] | 124.6 |
| d <sub>a,max</sub> [mm] | 126   |
| d <sub>b,min</sub> [mm] | 130   |
| D <sub>a,max</sub> [mm] | 145.4 |
| r <sub>a,max</sub> [mm] | 1     |
| r <sub>b,max</sub> [mm] | 0.6   |

### Calculation data

|                                      |      |
|--------------------------------------|------|
| C [kN]                               | 71.7 |
| C <sub>0</sub> [kN]                  | 131  |
| C <sub>u</sub> [kN]                  | 16.3 |
| n <sub>th</sub> [min <sup>-1</sup> ] | 3053 |
| n <sub>g</sub> [min <sup>-1</sup> ]  | 5400 |