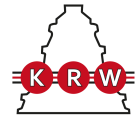


# NU2014E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |         |                       |        |
|-------------|---------|-----------------------|--------|
| d [mm]      | 70      | D <sub>1</sub> [mm]   | ≈ 97.1 |
| D [mm]      | 110     | r <sub>1,2</sub> [mm] | 1.1    |
| B [mm]      | 24      | r <sub>3,4</sub> [mm] | 1      |
| Weight [kg] | ≈ 0.844 | s [mm]                | 2      |
| F [mm]      | 79.5    |                       |        |



### Mating dimensions

|                         |     |
|-------------------------|-----|
| d <sub>a,min</sub> [mm] | 76  |
| d <sub>a,max</sub> [mm] | 79  |
| d <sub>b,min</sub> [mm] | 81  |
| D <sub>a,max</sub> [mm] | 104 |
| r <sub>a,max</sub> [mm] | 1   |
| r <sub>b,max</sub> [mm] | 1   |

### Calculation data

|                                      |      |
|--------------------------------------|------|
| C [kN]                               | 95.7 |
| C <sub>0</sub> [kN]                  | 126  |
| C <sub>u</sub> [kN]                  | 16.4 |
| n <sub>th</sub> [min <sup>-1</sup> ] | 5206 |
| n <sub>g</sub> [min <sup>-1</sup> ]  | 8100 |