

# N2224E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |        |                       |         |
|-------------|--------|-----------------------|---------|
| d [mm]      | 120    | d <sub>1</sub> [mm]   | ≈ 153.9 |
| D [mm]      | 215    | r <sub>1,2</sub> [mm] | 2.1     |
| B [mm]      | 58     | r <sub>3,4</sub> [mm] | 2.1     |
| Weight [kg] | ≈ 9.21 | s [mm]                | 5.8     |
| E [mm]      | 195.5  |                       |         |



### Mating dimensions

|                         |     |
|-------------------------|-----|
| d <sub>a,min</sub> [mm] | 132 |
| D <sub>b,min</sub> [mm] | 198 |
| D <sub>c,max</sub> [mm] | 193 |
| r <sub>a,max</sub> [mm] | 2.1 |
| r <sub>b,max</sub> [mm] | 2.1 |

### Calculation data

|                                      |      |
|--------------------------------------|------|
| C [kN]                               | 461  |
| C <sub>0</sub> [kN]                  | 635  |
| C <sub>u</sub> [kN]                  | 74.1 |
| n <sub>th</sub> [min <sup>-1</sup> ] | 2504 |
| n <sub>g</sub> [min <sup>-1</sup> ]  | 4200 |