

# N2209E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |         |                       |        |
|-------------|---------|-----------------------|--------|
| d [mm]      | 45      | d <sub>1</sub> [mm]   | ≈ 58.9 |
| D [mm]      | 85      | r <sub>1,2</sub> [mm] | 1.1    |
| B [mm]      | 23      | r <sub>3,4</sub> [mm] | 1.1    |
| Weight [kg] | ≈ 0.584 | s [mm]                | 2.3    |
| E [mm]      | 76.5    |                       |        |



### Mating dimensions

### Calculation data

|                         |    |                                      |       |
|-------------------------|----|--------------------------------------|-------|
| d <sub>a,min</sub> [mm] | 52 | C [kN]                               | 76.3  |
| D <sub>b,min</sub> [mm] | 77 | C <sub>0</sub> [kN]                  | 84.6  |
| D <sub>c,max</sub> [mm] | 74 | C <sub>u</sub> [kN]                  | 11.1  |
| r <sub>a,max</sub> [mm] | 1  | n <sub>th</sub> [min <sup>-1</sup> ] | 5768  |
| r <sub>b,max</sub> [mm] | 1  | n <sub>g</sub> [min <sup>-1</sup> ]  | 12000 |