

# 61817M

Deep Groove Ball Bearings (single row, metric)



## Details:

### Main dimensions

|             |         |                       |         |
|-------------|---------|-----------------------|---------|
| d [mm]      | 85      | d <sub>1</sub> [mm]   | ≈ 93.1  |
| D [mm]      | 110     | D <sub>1</sub> [mm]   | ≈ 102.1 |
| B [mm]      | 13      | r <sub>1,2</sub> [mm] | 1       |
| Weight [kg] | ≈ 0.314 |                       |         |



### Mating dimensions

|                         |     |
|-------------------------|-----|
| d <sub>a,min</sub> [mm] | 90  |
| D <sub>a,max</sub> [mm] | 105 |
| r <sub>a,max</sub> [mm] | 1   |

### Calculation data

|                                      |       |
|--------------------------------------|-------|
| C [kN]                               | 19.3  |
| C <sub>0</sub> [kN]                  | 19.9  |
| C <sub>u</sub> [kN]                  | 0.81  |
| n <sub>th</sub> [min <sup>-1</sup> ] | 4905  |
| n <sub>g</sub> [min <sup>-1</sup> ]  | 10000 |
| f <sub>0</sub>                       | 16,2  |