

# 16022M

Deep Groove Ball Bearings (single row, metric)



## Details:

### Main dimensions

|             |                |                |                 |
|-------------|----------------|----------------|-----------------|
| d [mm]      | 110            | $d_1$ [mm]     | $\approx 131.1$ |
| D [mm]      | 170            | $D_1$ [mm]     | $\approx 149.1$ |
| B [mm]      | 19             | $r_{1,2}$ [mm] | 1               |
| Weight [kg] | $\approx 1.74$ |                |                 |



### Mating dimensions

|                    |     |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 115 |
| $D_{a, \max}$ [mm] | 165 |
| $r_{a, \max}$ [mm] | 1   |

### Calculation data

|                               |      |
|-------------------------------|------|
| C [kN]                        | 57.6 |
| $C_0$ [kN]                    | 56.5 |
| $C_u$ [kN]                    | 2.44 |
| $n_{th}$ [min <sup>-1</sup> ] | 3862 |
| $n_g$ [min <sup>-1</sup> ]    | 6900 |
| $f_0$                         | 16,3 |