

# 16052M

Deep Groove Ball Bearings (single row, metric)



## Details:

### Main dimensions

|             |                |                |                 |
|-------------|----------------|----------------|-----------------|
| d [mm]      | 260            | $d_1$ [mm]     | $\approx 309.3$ |
| D [mm]      | 400            | $D_1$ [mm]     | $\approx 351.3$ |
| B [mm]      | 44             | $r_{1,2}$ [mm] | 3               |
| Weight [kg] | $\approx 22.2$ |                |                 |



### Mating dimensions

|                    |     |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 272 |
| $D_{a, \max}$ [mm] | 388 |
| $r_{a, \max}$ [mm] | 2.5 |

### Calculation data

|                                |      |
|--------------------------------|------|
| C [kN]                         | 237  |
| $C_0$ [kN]                     | 308  |
| $C_u$ [kN]                     | 8.48 |
| $n_{th}$ [ $\text{min}^{-1}$ ] | 1964 |
| $n_g$ [ $\text{min}^{-1}$ ]    | 2800 |
| $f_0$                          | 16,3 |