

61848M

Deep Groove Ball Bearings (single row, metric)



Details:

Main dimensions

| | | | |
|-------------|-------|-----------------------|---------|
| d [mm] | 240 | d ₁ [mm] | ≈ 258.7 |
| D [mm] | 300 | D ₁ [mm] | ≈ 281.7 |
| B [mm] | 28 | r _{1,2} [mm] | 2 |
| Weight [kg] | ≈ 4.6 | | |



Mating dimensions

| | |
|-------------------------|-----|
| d _{a,min} [mm] | 249 |
| D _{a,max} [mm] | 291 |
| r _{a,max} [mm] | 2 |

Calculation data

| | |
|--------------------------------------|------|
| C [kN] | 111 |
| C ₀ [kN] | 145 |
| C _u [kN] | 4.42 |
| n _{th} [min ⁻¹] | 2258 |
| n _g [min ⁻¹] | 3500 |
| f ₀ | 16,1 |