

60921M

Deep Groove Ball Bearings (single row, metric)



Details:

Main dimensions

| | | | |
|-------------|---------|-----------------------|---------|
| d [mm] | 105 | d ₁ [mm] | ≈ 119.1 |
| D [mm] | 145 | D ₁ [mm] | ≈ 131.1 |
| B [mm] | 13 | r _{1,2} [mm] | 0.6 |
| Weight [kg] | ≈ 0.704 | | |



Mating dimensions

| | |
|-------------------------|-----|
| d _{a,min} [mm] | 108 |
| D _{a,max} [mm] | 142 |
| r _{a,max} [mm] | 0.6 |

Calculation data

| | |
|--------------------------------------|------|
| C [kN] | 31.8 |
| C ₀ [kN] | 33.9 |
| C _u [kN] | 1.55 |
| n _{th} [min ⁻¹] | 3617 |
| n _g [min ⁻¹] | 7700 |
| f ₀ | 16,2 |