

160/750M

Deep Groove Ball Bearings (single row, metric)



Details:

Main dimensions

| | | | |
|-------------|-------|-----------------------|---------|
| d [mm] | 750 | d ₁ [mm] | ≈ 870.4 |
| D [mm] | 1090 | D ₁ [mm] | ≈ 971.2 |
| B [mm] | 109 | r _{1,2} [mm] | 7.5 |
| Weight [kg] | ≈ 370 | | |



Mating dimensions

| | |
|-------------------------|------|
| d _{a,min} [mm] | 778 |
| D _{a,max} [mm] | 1062 |
| r _{a,max} [mm] | 6 |

Calculation data

| | |
|--------------------------------------|------|
| C [kN] | 875 |
| C ₀ [kN] | 2110 |
| C _u [kN] | 33.8 |
| n _{th} [min ⁻¹] | 624 |
| n _g [min ⁻¹] | 790 |
| f ₀ | 16,4 |