

629/850M

Deep Groove Ball Bearings (single row, metric)



Details:

Main dimensions

| | | | |
|-------------|-------|-----------------------|----------|
| d [mm] | 850 | d ₁ [mm] | ≈ 935.8 |
| D [mm] | 1120 | D ₁ [mm] | ≈ 1035.8 |
| B [mm] | 155 | r _{1,2} [mm] | 6 |
| Weight [kg] | ≈ 398 | | |



Mating dimensions

| | |
|-------------------------|------|
| d _{a,min} [mm] | 873 |
| D _{a,max} [mm] | 1097 |
| r _{a,max} [mm] | 5 |

Calculation data

| | |
|--------------------------------------|------|
| C [kN] | 850 |
| C ₀ [kN] | 2060 |
| C _u [kN] | 31.9 |
| n _{th} [min ⁻¹] | 669 |
| n _g [min ⁻¹] | 720 |
| f ₀ | 16,3 |