

NCF2844V

Cylindrical Roller Bearings (full complement, single row)



Details:

Main dimensions

| | | | |
|-------------|--------|-----------------------|----------|
| d [mm] | 220 | d ₁ [mm] | ≈ 237 |
| D [mm] | 270 | D ₁ [mm] | ≈ 252.55 |
| B [mm] | 30 | r _{1,2} [mm] | 1.5 |
| Weight [kg] | ≈ 3.64 | r _{3,4} [mm] | 1.1 |
| E [mm] | 257.75 | s [mm] | 1.5 |



| Mating dimensions | | Calculation data | |
|--------------------------|-----|--------------------------------------|------|
| d _{a, min} [mm] | 227 | C [kN] | 272 |
| d _{c, min} [mm] | 235 | C ₀ [kN] | 605 |
| D _{a, max} [mm] | 263 | C _u [kN] | 63.8 |
| D _{b, max} [mm] | 263 | n _{th} [min ⁻¹] | 858 |
| r _{a, max} [mm] | 1.5 | n _g [min ⁻¹] | 1300 |
| r _{b, max} [mm] | 1 | | |