

NUP2812M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|---------|-----------------------|------|
| d [mm] | 60 | d ₁ [mm] | ≈ 66 |
| D [mm] | 78 | D ₁ [mm] | ≈ 72 |
| B [mm] | 12 | r _{1,2} [mm] | 0.3 |
| Weight [kg] | ≈ 0.151 | r _{3,4} [mm] | 0.2 |
| F [mm] | 64 | s [mm] | 1.3 |



| Mating dimensions | | Calculation data | |
|--------------------------|-----|--------------------------------------|-------|
| d _{a, min} [mm] | 62 | C [kN] | 28 |
| d _{c, min} [mm] | 69 | C ₀ [kN] | 41.2 |
| D _{a, max} [mm] | 76 | C _u [kN] | 5.41 |
| r _{a, max} [mm] | 0.3 | n _{th} [min ⁻¹] | 5366 |
| | | n _g [min ⁻¹] | 11000 |