

NJ1021M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|--------|-----------------------|---------|
| d [mm] | 105 | d ₁ [mm] | ≈ 124.7 |
| D [mm] | 160 | D ₁ [mm] | ≈ 140.9 |
| B [mm] | 26 | r _{1,2} [mm] | 2 |
| Weight [kg] | ≈ 1.86 | r _{3,4} [mm] | 1.1 |
| F [mm] | 119.5 | s [mm] | 4.5 |



| Mating dimensions | | Calculation data | |
|--------------------------|-------|--------------------------------------|------|
| d _{a, min} [mm] | 113.8 | C [kN] | 111 |
| d _{a, max} [mm] | 118 | C ₀ [kN] | 153 |
| d _{b, min} [mm] | 122 | C _u [kN] | 19.1 |
| d _{c, min} [mm] | 126 | n _{th} [min ⁻¹] | 4035 |
| D _{a, max} [mm] | 151.2 | n _g [min ⁻¹] | 5500 |
| r _{a, max} [mm] | 2 | | |