

NJ2034E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|--------|-----------------------|-------|
| d [mm] | 170 | d ₁ [mm] | ≈ 201 |
| D [mm] | 260 | D ₁ [mm] | ≈ 231 |
| B [mm] | 54 | r _{1,2} [mm] | 2.1 |
| Weight [kg] | ≈ 10.6 | r _{3,4} [mm] | 2.1 |
| F [mm] | 191 | s [mm] | 3.5 |



| Mating dimensions | | Calculation data | |
|--------------------------|-------|--------------------------------------|------|
| d _{a, min} [mm] | 180.2 | C [kN] | 495 |
| d _{a, max} [mm] | 188 | C ₀ [kN] | 770 |
| d _{b, min} [mm] | 194 | C _u [kN] | 84.1 |
| d _{c, min} [mm] | 205 | n _{th} [min ⁻¹] | 2285 |
| D _{a, max} [mm] | 249.8 | n _g [min ⁻¹] | 3300 |
| r _{a, max} [mm] | 2.1 | | |