

NJ2038E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|------|-----------------------|---------|
| d [mm] | 190 | d ₁ [mm] | ≈ 225.2 |
| D [mm] | 290 | D ₁ [mm] | ≈ 258.8 |
| B [mm] | 60 | r _{1,2} [mm] | 2.1 |
| Weight [kg] | ≈ 15 | r _{3,4} [mm] | 2.1 |
| F [mm] | 214 | s [mm] | 3.5 |



| Mating dimensions | | Calculation data | |
|--------------------------|-------|--------------------------------------|------|
| d _{a, min} [mm] | 200.2 | C [kN] | 655 |
| d _{a, max} [mm] | 211 | C ₀ [kN] | 1060 |
| d _{b, min} [mm] | 217 | C _u [kN] | 111 |
| d _{c, min} [mm] | 230 | n _{th} [min ⁻¹] | 1884 |
| D _{a, max} [mm] | 279.8 | n _g [min ⁻¹] | 2900 |
| r _{a, max} [mm] | 2.1 | | |