

NJ2222E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|-------|-----------------------|---------|
| d [mm] | 110 | d ₁ [mm] | ≈ 142.1 |
| D [mm] | 200 | D ₁ [mm] | ≈ 170.9 |
| B [mm] | 53 | r _{1,2} [mm] | 2.1 |
| Weight [kg] | ≈ 7.6 | r _{3,4} [mm] | 2.1 |
| F [mm] | 132.5 | s [mm] | 5.3 |



| Mating dimensions | | Calculation data | |
|--------------------------|-----|--------------------------------------|------|
| d _{a, min} [mm] | 122 | C [kN] | 388 |
| d _{a, max} [mm] | 130 | C ₀ [kN] | 525 |
| d _{b, min} [mm] | 135 | C _u [kN] | 62.7 |
| d _{c, min} [mm] | 144 | n _{th} [min ⁻¹] | 2802 |
| D _{a, max} [mm] | 188 | n _g [min ⁻¹] | 4600 |
| r _{a, max} [mm] | 2.1 | | |