

NJ1926E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|--------|-----------------------|---------|
| d [mm] | 130 | d ₁ [mm] | ≈ 147.6 |
| D [mm] | 180 | D ₁ [mm] | ≈ 164.4 |
| B [mm] | 24 | r _{1,2} [mm] | 1.5 |
| Weight [kg] | ≈ 1.86 | r _{3,4} [mm] | 1.1 |
| F [mm] | 142 | s [mm] | 1.7 |



| Mating dimensions | | Calculation data | |
|--------------------------|-----|--------------------------------------|------|
| d _{a, min} [mm] | 137 | C [kN] | 154 |
| d _{a, max} [mm] | 139 | C ₀ [kN] | 233 |
| d _{b, min} [mm] | 145 | C _u [kN] | 27.8 |
| d _{c, min} [mm] | 150 | n _{th} [min ⁻¹] | 3032 |
| D _{a, max} [mm] | 173 | n _g [min ⁻¹] | 4600 |
| r _{a, max} [mm] | 1.5 | | |