

NJ10/800M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|-------|-----------------------|--------|
| d [mm] | 800 | d ₁ [mm] | ≈ 921 |
| D [mm] | 1150 | D ₁ [mm] | ≈ 1029 |
| B [mm] | 155 | r _{1,2} [mm] | 7.5 |
| Weight [kg] | ≈ 543 | r _{3,4} [mm] | 7.5 |
| F [mm] | 885 | s [mm] | 17.5 |



| Mating dimensions | | Calculation data | |
|--------------------------|------|--------------------------------------|------|
| d _{a, min} [mm] | 828 | C [kN] | 4970 |
| d _{a, max} [mm] | 879 | C ₀ [kN] | 9950 |
| d _{b, min} [mm] | 891 | C _u [kN] | 704 |
| d _{c, min} [mm] | 927 | n _{th} [min ⁻¹] | 365 |
| D _{a, max} [mm] | 1122 | n _g [min ⁻¹] | 550 |
| r _{a, max} [mm] | 6 | | |