

NUP31/630M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|--------|-----------------------|-------|
| d [mm] | 630 | d ₁ [mm] | ≈ 771 |
| D [mm] | 1030 | D ₁ [mm] | ≈ 903 |
| B [mm] | 315 | r _{1,2} [mm] | 7.5 |
| Weight [kg] | ≈ 1097 | r _{3,4} [mm] | 7.5 |
| F [mm] | 727 | s [mm] | 27.3 |



| Mating dimensions | | Calculation data | |
|--------------------------|-----|--------------------------------------|-------|
| d _{a, min} [mm] | 662 | C [kN] | 9250 |
| d _{c, min} [mm] | 774 | C ₀ [kN] | 18000 |
| D _{a, max} [mm] | 998 | C _u [kN] | 1335 |
| r _{a, max} [mm] | 6 | n _{th} [min ⁻¹] | 257 |
| | | n _g [min ⁻¹] | 680 |