

NCF3009V

Cylindrical Roller Bearings (full complement, single row)



Details:

Main dimensions

| | | | |
|-------------|---------|-----------------------|---------|
| d [mm] | 45 | d ₁ [mm] | ≈ 54.1 |
| D [mm] | 75 | D ₁ [mm] | ≈ 63.65 |
| B [mm] | 23 | r _{1,2} [mm] | 1 |
| Weight [kg] | ≈ 0.389 | r _{3,4} [mm] | 0.6 |
| E [mm] | 66.85 | s [mm] | 2 |



| Mating dimensions | | Calculation data | |
|--------------------------|-----|--------------------------------------|------|
| d _{a, min} [mm] | 50 | C [kN] | 61.9 |
| d _{c, min} [mm] | 54 | C ₀ [kN] | 78.4 |
| D _{a, max} [mm] | 70 | C _u [kN] | 10.3 |
| D _{b, max} [mm] | 70 | n _{th} [min ⁻¹] | 4019 |
| r _{a, max} [mm] | 1 | n _g [min ⁻¹] | 5700 |
| r _{b, max} [mm] | 0.6 | | |