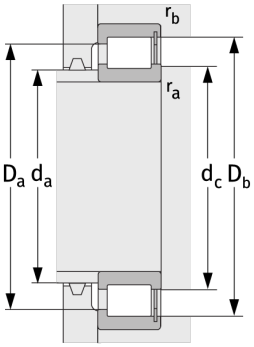
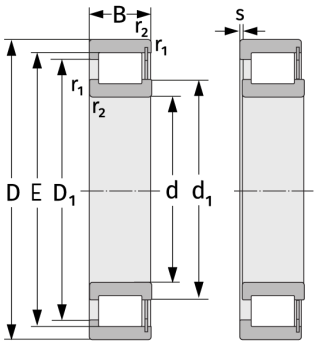
# NCF3044V

Cylindrical Roller Bearings (full complement, single row)

## Details:

| Main dimensions | | | |
|---|---|---|---|
| d [mm] | 220 | $d_1$ [mm] | ≈ 254.6 |
| D [mm] | 340 | $D_1$ [mm] | ≈ 297.8 |
| B [mm] | 90 | $r_{1,2}$ [mm] | 3 |
| Weight [kg] | ≈ 28.6 | $r_{3,4}$ [mm] | 3 |
| E [mm] | 312.2 | s [mm] | 9 |




| Mating dimensions | | Calculation data | |
|---|---|---|---|
| $d_{a, min}$ [mm] | 232 | C [kN] | 1120 |
| $d_{c, min}$ [mm] | 252 | $C_0$ [kN] | 1840 |
| $D_{a, max}$ [mm] | 328 | $C_u$ [kN] | 187 |
| $D_{b, max}$ [mm] | 328 | $n_{th}$ [$min^{-1}$] | 779 |
| $r_{a, max}$ [mm] | 2.5 | $n_g$ [$min^{-1}$] | 1200 |
| $r_{b, max}$ [mm] | 2.5 | | |