

NCF1848V

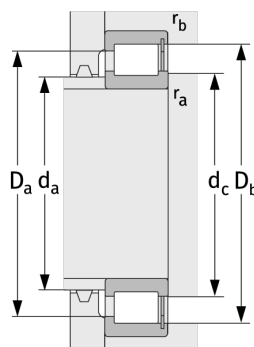
Cylindrical Roller Bearings (full complement, single row)



Details:

Main dimensions

| | | | |
|-------------|----------------|----------------|-----------------|
| d [mm] | 240 | d_1 [mm] | ≈ 261.4 |
| D [mm] | 300 | D_1 [mm] | ≈ 280.6 |
| B [mm] | 28 | $r_{1,2}$ [mm] | 2 |
| Weight [kg] | ≈ 4.32 | $r_{3,4}$ [mm] | 1.1 |
| E [mm] | 287 | s [mm] | 2 |



| Mating dimensions | | Calculation data | |
|--------------------|-----|--------------------------------|------|
| $d_{a, \min}$ [mm] | 249 | C [kN] | 266 |
| $d_{c, \min}$ [mm] | 259 | C_0 [kN] | 520 |
| $D_{a, \max}$ [mm] | 291 | C_u [kN] | 53.3 |
| $D_{b, \max}$ [mm] | 291 | n_{th} [min^{-1}] | 854 |
| $r_{a, \max}$ [mm] | 2 | n_g [min^{-1}] | 1200 |
| $r_{b, \max}$ [mm] | 1 | | |