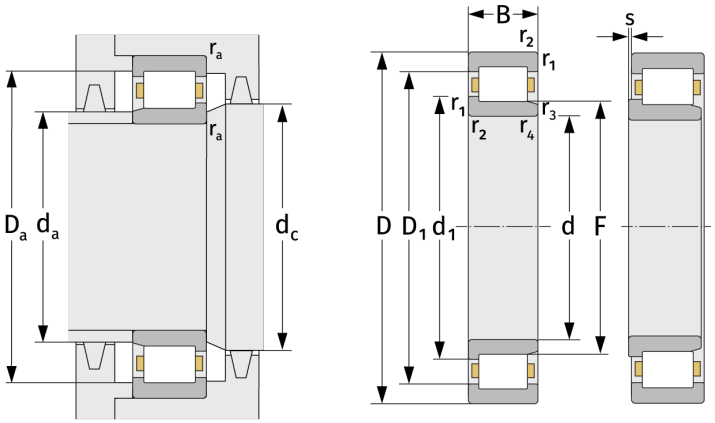
# NJ39/750E.M3

Cylindrical Roller Bearings (single row, with cage)

## Details:

| Main dimensions | | | |
|---|---|---|---|
| d [mm] | 750 | $d_1$ [mm] | ≈ 840.6 |
| D [mm] | 1000 | $D_1$ [mm] | ≈ 917.4 |
| B [mm] | 185 | $r_{1,2}$ [mm] | 6 |
| Weight [kg] | ≈ 422 | $r_{3,4}$ [mm] | 6 |
| F [mm] | 815 | s [mm] | 10 |




| Mating dimensions | | Calculation data | |
|---|---|---|---|
| $d_{a,\,min}$ [mm] | 773 | C [kN] | 4900 |
| $d_{a,\,max}$ [mm] | 810 | $C_0$ [kN] | 12100 |
| $d_{b,\,min}$ [mm] | 820 | $C_u$ [kN] | 880 |
| $d_{c,\,min}$ [mm] | 845 | $n_{th}$ [$min^{-1}$] | 262 |
| $D_{a,\,max}$ [mm] | 977 | $n_g$ [$min^{-1}$] | 630 |
| $r_{a,\,max}$ [mm] | 5 | | |