

NUP20/710E.M3

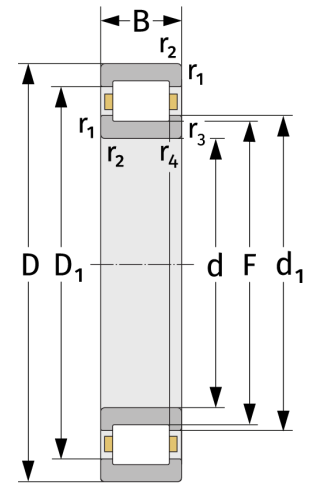
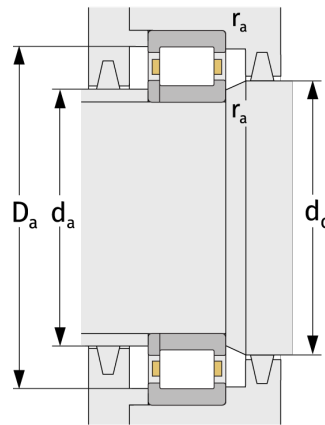
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|---------------|----------------|-----------------|
| d [mm] | 710 | d_1 [mm] | ≈ 825.8 |
| D [mm] | 1030 | D_1 [mm] | ≈ 924.2 |
| B [mm] | 185 | $r_{1,2}$ [mm] | 7.5 |
| Weight [kg] | ≈ 552 | $r_{3,4}$ [mm] | 7.5 |
| F [mm] | 793 | s [mm] | 9 |



| Mating dimensions | | Calculation data | |
|--------------------|------|--------------------------------|-------|
| $d_{a, \min}$ [mm] | 738 | C [kN] | 5650 |
| $d_{c, \min}$ [mm] | 831 | C_0 [kN] | 12000 |
| $D_{a, \max}$ [mm] | 1002 | C_u [kN] | 872 |
| $r_{a, \max}$ [mm] | 6 | n_{th} [min^{-1}] | 299 |
| | | n_g [min^{-1}] | 640 |