

NUP2280E.M3

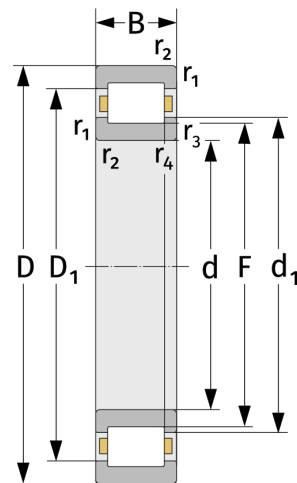
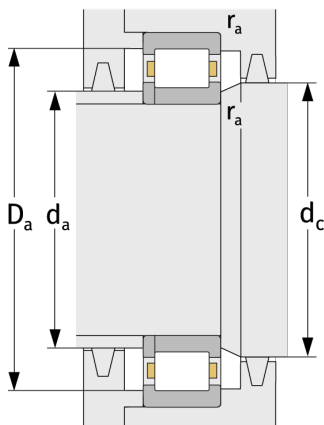
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|-------|----------------|-------|
| d [mm] | 400 | d_1 [mm] | ≈ 509 |
| D [mm] | 720 | D_1 [mm] | ≈ 623 |
| B [mm] | 185 | $r_{1,2}$ [mm] | 6 |
| Weight [kg] | ≈ 347 | $r_{3,4}$ [mm] | 6 |
| F [mm] | 471 | s [mm] | 15.4 |



| Mating dimensions | | Calculation data | |
|--------------------|-----|--------------------------------|------|
| $d_{a, \min}$ [mm] | 426 | C [kN] | 4590 |
| $d_{c, \min}$ [mm] | 513 | C_0 [kN] | 7250 |
| $D_{a, \max}$ [mm] | 694 | C_u [kN] | 600 |
| $r_{a, \max}$ [mm] | 5 | n_{th} [min^{-1}] | 430 |
| | | n_g [min^{-1}] | 1200 |