

NU19/630E.M3

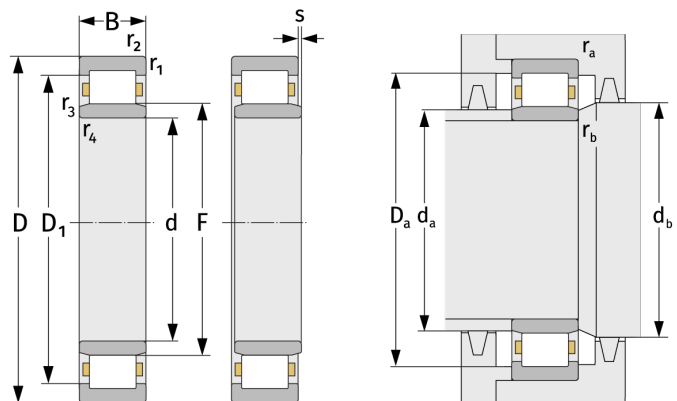
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|---------------|----------------|---------------|
| d [mm] | 630 | D_1 [mm] | ≈ 779 |
| D [mm] | 850 | $r_{1,2}$ [mm] | 6 |
| B [mm] | 100 | $r_{3,4}$ [mm] | 6 |
| Weight [kg] | ≈ 158 | s [mm] | 7.9 |
| F [mm] | 683 | | |



Mating dimensions

Calculation data

| | | | |
|--------------------|-----|--------------------------------|------|
| $d_{a, \min}$ [mm] | 653 | C [kN] | 2310 |
| $d_{a, \max}$ [mm] | 678 | C_0 [kN] | 4520 |
| $d_{b, \min}$ [mm] | 688 | C_u [kN] | 347 |
| $D_{a, \max}$ [mm] | 827 | n_{th} [min^{-1}] | 540 |
| $r_{a, \max}$ [mm] | 5 | n_g [min^{-1}] | 790 |
| $r_{b, \max}$ [mm] | 5 | | |