

N10/710M3

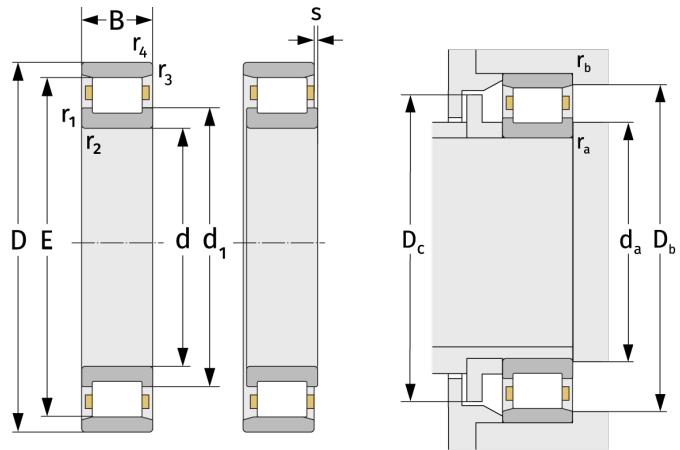
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|-------|-----------------------|-------|
| d [mm] | 710 | d ₁ [mm] | ≈ 822 |
| D [mm] | 1030 | r _{1,2} [mm] | 7.5 |
| B [mm] | 140 | r _{3,4} [mm] | 7.5 |
| Weight [kg] | ≈ 392 | s [mm] | 15.5 |
| E [mm] | 950 | | |



Mating dimensions

Calculation data

| | | | |
|-------------------------|-----|--------------------------------------|------|
| d _{a,min} [mm] | 738 | C [kN] | 4020 |
| D _{b,min} [mm] | 956 | C ₀ [kN] | 7900 |
| D _{c,max} [mm] | 944 | C _u [kN] | 578 |
| r _{a,max} [mm] | 6 | n _{th} [min ⁻¹] | 429 |
| r _{b,max} [mm] | 6 | n _g [min ⁻¹] | 640 |