

N210E.M3

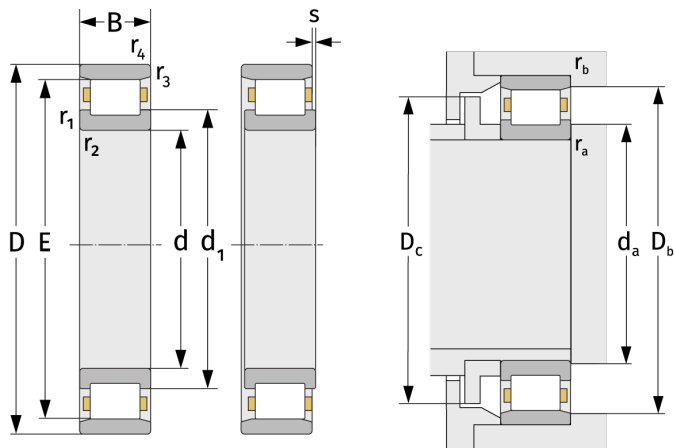
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|---------|-----------------------|--------|
| d [mm] | 50 | d ₁ [mm] | ≈ 63.9 |
| D [mm] | 90 | r _{1,2} [mm] | 1.1 |
| B [mm] | 20 | r _{3,4} [mm] | 1.1 |
| Weight [kg] | ≈ 0.533 | s [mm] | 2.2 |
| E [mm] | 81.5 | | |



Mating dimensions

Calculation data

| | | | |
|-------------------------|----|--------------------------------------|-------|
| d _{a,min} [mm] | 57 | C [kN] | 66.2 |
| D _{b,min} [mm] | 83 | C ₀ [kN] | 71.9 |
| D _{c,max} [mm] | 79 | C _u [kN] | 9.45 |
| r _{a,max} [mm] | 1 | n _{th} [min ⁻¹] | 6638 |
| r _{b,max} [mm] | 1 | n _g [min ⁻¹] | 11000 |