

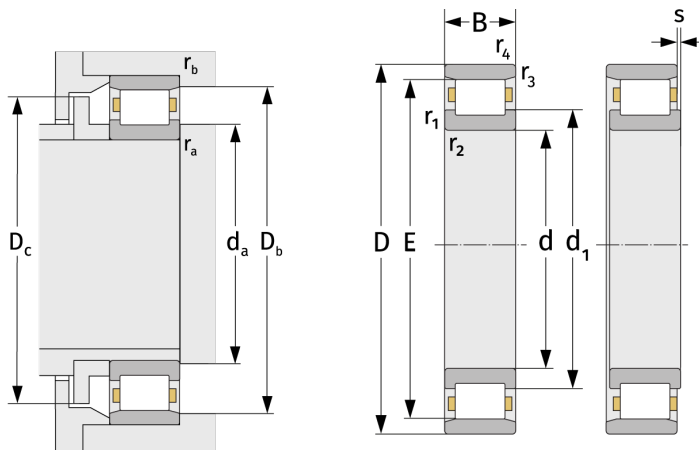
N319E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

| Main dimensions | | | |
|-----------------|--------|-----------------------|---------|
| d [mm] | 95 | d ₁ [mm] | ≈ 132.7 |
| D [mm] | 200 | r _{1,2} [mm] | 3 |
| B [mm] | 45 | r _{3,4} [mm] | 3 |
| Weight [kg] | ≈ 6.91 | s [mm] | 4.7 |
| E [mm] | 177.5 | | |



| Mating dimensions | | Calculation data | |
|-------------------------|-----|--------------------------------------|------|
| d _{a,min} [mm] | 109 | C [kN] | 340 |
| D _{b,min} [mm] | 180 | C ₀ [kN] | 393 |
| D _{c,max} [mm] | 175 | C _u [kN] | 47.7 |
| r _{a,max} [mm] | 2.5 | n _{th} [min ⁻¹] | 3548 |
| r _{b,max} [mm] | 2.5 | n _g [min ⁻¹] | 4800 |