

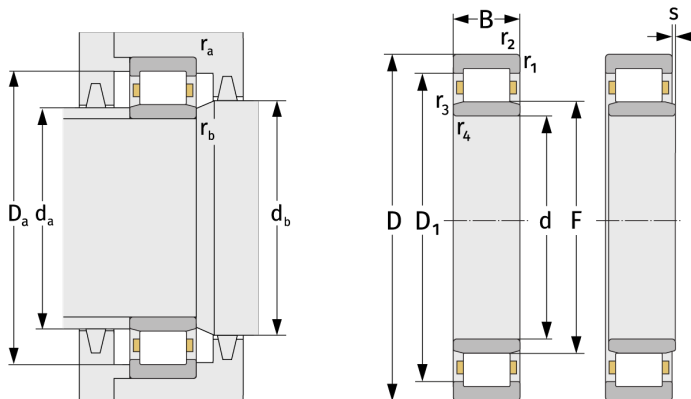
NU3016M3

Cylindrical Roller Bearings (single row, with cage)



Details:

| Main dimensions | | | |
|-----------------|----------------|----------------|-----------------|
| d [mm] | 80 | D_1 [mm] | ≈ 109.1 |
| D [mm] | 125 | $r_{1,2}$ [mm] | 1.1 |
| B [mm] | 34 | $r_{3,4}$ [mm] | 1 |
| Weight [kg] | ≈ 1.57 | s [mm] | 3.8 |
| F [mm] | 91.5 | | |



| Mating dimensions | | Calculation data | |
|--------------------|-----|--------------------------------|------|
| $d_{a, \min}$ [mm] | 86 | C [kN] | 125 |
| $d_{a, \max}$ [mm] | 90 | C_0 [kN] | 182 |
| $d_{b, \min}$ [mm] | 93 | C_u [kN] | 24.5 |
| $D_{a, \max}$ [mm] | 119 | n_{th} [min^{-1}] | 5077 |
| $r_{a, \max}$ [mm] | 1 | n_g [min^{-1}] | 7100 |
| $r_{b, \max}$ [mm] | 1 | | |