

N10/850M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|-------|-----------------------|-------|
| d [mm] | 850 | d ₁ [mm] | ≈ 981 |
| D [mm] | 1220 | r _{1,2} [mm] | 7.5 |
| B [mm] | 165 | r _{3,4} [mm] | 7.5 |
| Weight [kg] | ≈ 646 | s [mm] | 17.5 |
| E [mm] | 1125 | | |



Mating dimensions

Calculation data

| | | | |
|-------------------------|------|--------------------------------------|-------|
| d _{a,min} [mm] | 878 | C [kN] | 5600 |
| D _{b,min} [mm] | 1132 | C ₀ [kN] | 11800 |
| D _{c,max} [mm] | 1118 | C _u [kN] | 822 |
| r _{a,max} [mm] | 6 | n _{th} [min ⁻¹] | 327 |
| r _{b,max} [mm] | 6 | n _g [min ⁻¹] | 500 |