

N3196M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|-------|-----------------------|-------|
| d [mm] | 480 | d ₁ [mm] | ≈ 590 |
| D [mm] | 790 | r _{1,2} [mm] | 7.5 |
| B [mm] | 248 | r _{3,4} [mm] | 7.5 |
| Weight [kg] | ≈ 487 | s [mm] | 22.5 |
| E [mm] | 726 | | |



Mating dimensions

Calculation data

| | | | |
|-------------------------|-----|--------------------------------------|-------|
| d _{a,min} [mm] | 512 | C [kN] | 5750 |
| D _{b,min} [mm] | 731 | C ₀ [kN] | 10800 |
| D _{c,max} [mm] | 721 | C _u [kN] | 857 |
| r _{a,max} [mm] | 6 | n _{th} [min ⁻¹] | 390 |
| r _{b,max} [mm] | 6 | n _g [min ⁻¹] | 950 |