

N3184M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|-------|-----------------------|-------|
| d [mm] | 420 | d ₁ [mm] | ≈ 517 |
| D [mm] | 700 | r _{1,2} [mm] | 6 |
| B [mm] | 224 | r _{3,4} [mm] | 6 |
| Weight [kg] | ≈ 353 | s [mm] | 19 |
| E [mm] | 645 | | |



Mating dimensions

| | |
|-------------------------|-----|
| d _{a,min} [mm] | 446 |
| D _{b,min} [mm] | 650 |
| D _{c,max} [mm] | 640 |
| r _{a,max} [mm] | 5 |
| r _{b,max} [mm] | 5 |

Calculation data

| | |
|--------------------------------------|------|
| C [kN] | 4930 |
| C ₀ [kN] | 8900 |
| C _u [kN] | 739 |
| n _{th} [min ⁻¹] | 455 |
| n _g [min ⁻¹] | 1200 |