

NJ3984E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|--------|-----------------------|---------|
| d [mm] | 420 | d ₁ [mm] | ≈ 469.2 |
| D [mm] | 560 | D ₁ [mm] | ≈ 514.8 |
| B [mm] | 106 | r _{1,2} [mm] | 4 |
| Weight [kg] | ≈ 75.8 | r _{3,4} [mm] | 4 |
| F [mm] | 454 | s [mm] | 5.7 |



| Mating dimensions | | Calculation data | |
|--------------------------|-------|--------------------------------------|------|
| d _{a, min} [mm] | 434.6 | C [kN] | 1810 |
| d _{a, max} [mm] | 450 | C ₀ [kN] | 3980 |
| d _{b, min} [mm] | 458 | C _u [kN] | 343 |
| d _{c, min} [mm] | 473 | n _{th} [min ⁻¹] | 613 |
| D _{a, max} [mm] | 545.4 | n _g [min ⁻¹] | 1300 |
| r _{a, max} [mm] | 3 | | |