

NJ1972E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|--------|-----------------------|---------|
| d [mm] | 360 | d ₁ [mm] | ≈ 402.8 |
| D [mm] | 480 | D ₁ [mm] | ≈ 441.2 |
| B [mm] | 56 | r _{1,2} [mm] | 3 |
| Weight [kg] | ≈ 27.9 | r _{3,4} [mm] | 3 |
| F [mm] | 390 | s [mm] | 4.4 |



Mating dimensions

Calculation data

| | | | |
|--------------------------|-------|--------------------------------------|------|
| d _{a, min} [mm] | 372.4 | C [kN] | 745 |
| d _{a, max} [mm] | 386 | C ₀ [kN] | 1370 |
| d _{b, min} [mm] | 394 | C _u [kN] | 123 |
| d _{c, min} [mm] | 406 | n _{th} [min ⁻¹] | 1110 |
| D _{a, max} [mm] | 467.6 | n _g [min ⁻¹] | 1600 |
| r _{a, max} [mm] | 2.5 | | |