

NU2988E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|--------------|----------------|-----------------|
| d [mm] | 440 | D_1 [mm] | ≈ 547.2 |
| D [mm] | 600 | $r_{1,2}$ [mm] | 4 |
| B [mm] | 95 | $r_{3,4}$ [mm] | 4 |
| Weight [kg] | ≈ 82 | s [mm] | 5 |
| F [mm] | 480 | | |



Mating dimensions

| | |
|--------------------|-------|
| $d_{a, \min}$ [mm] | 454.6 |
| $d_{a, \max}$ [mm] | 476 |
| $d_{b, \min}$ [mm] | 484 |
| $D_{a, \max}$ [mm] | 585.4 |
| $r_{a, \max}$ [mm] | 3 |
| $r_{b, \max}$ [mm] | 3 |

Calculation data

| | |
|--------------------------------|------|
| C [kN] | 1820 |
| C_0 [kN] | 3800 |
| C_u [kN] | 322 |
| n_{th} [min^{-1}] | 631 |
| n_g [min^{-1}] | 1300 |