

N2056E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|--------|-----------------------|---------|
| d [mm] | 280 | d ₁ [mm] | ≈ 329.2 |
| D [mm] | 420 | r _{1,2} [mm] | 4 |
| B [mm] | 82 | r _{3,4} [mm] | 4 |
| Weight [kg] | ≈ 41.7 | s [mm] | 4.5 |
| E [mm] | 390 | | |



Mating dimensions

| | |
|-------------------------|-------|
| d _{a,min} [mm] | 294.6 |
| D _{b,min} [mm] | 393 |
| D _{c,max} [mm] | 387 |
| r _{a,max} [mm] | 3 |
| r _{b,max} [mm] | 3 |

Calculation data

| | |
|--------------------------------------|------|
| C [kN] | 1260 |
| C ₀ [kN] | 2230 |
| C _u [kN] | 211 |
| n _{th} [min ⁻¹] | 1085 |
| n _g [min ⁻¹] | 2000 |