

NUP208E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|--------|------|----------------|--------|
| d [mm] | 40 | d_1 [mm] | ≈ 53.9 |
| D [mm] | 80 | D_1 [mm] | ≈ 67.1 |
| B [mm] | 18 | $r_{1,2}$ [mm] | 1.1 |
| F [mm] | 49.5 | $r_{3,4}$ [mm] | 1.1 |



Mating dimensions

| | |
|--------------------|----|
| $d_{a, \min}$ [mm] | 47 |
| $d_{c, \min}$ [mm] | 56 |
| $D_{a, \max}$ [mm] | 73 |
| $r_{a, \max}$ [mm] | 1 |

Calculation data

| | |
|--------------------------------|-------|
| C [kN] | 55.9 |
| C_0 [kN] | 55.5 |
| C_u [kN] | 7.29 |
| n_{th} [min^{-1}] | 7561 |
| n_g [min^{-1}] | 13000 |