

NUP2248E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|----------------|----------------|-----------------|
| d [mm] | 240 | d_1 [mm] | ≈ 310.6 |
| D [mm] | 440 | D_1 [mm] | ≈ 375.4 |
| B [mm] | 120 | $r_{1,2}$ [mm] | 4 |
| Weight [kg] | ≈ 87.3 | $r_{3,4}$ [mm] | 4 |
| F [mm] | 289 | s [mm] | 6 |



| Mating dimensions | | Calculation data | |
|--------------------|-----|--------------------------------|------|
| $d_{a, \min}$ [mm] | 257 | C [kN] | 1920 |
| $d_{c, \min}$ [mm] | 314 | C_0 [kN] | 2970 |
| $D_{a, \max}$ [mm] | 423 | C_u [kN] | 284 |
| $r_{a, \max}$ [mm] | 3 | n_{th} [min^{-1}] | 872 |
| | | n_g [min^{-1}] | 2000 |