

NUP2032E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|----------------|----------------|-----------------|
| d [mm] | 160 | d_1 [mm] | ≈ 187.8 |
| D [mm] | 240 | D_1 [mm] | ≈ 214.2 |
| B [mm] | 48 | $r_{1,2}$ [mm] | 2.1 |
| Weight [kg] | ≈ 8.08 | $r_{3,4}$ [mm] | 1.5 |
| F [mm] | 179 | s [mm] | 2.5 |



| Mating dimensions | | Calculation data | |
|--------------------|-------|--------------------------------|------|
| $d_{a, \min}$ [mm] | 170.2 | C [kN] | 422 |
| $d_{c, \min}$ [mm] | 192 | C_0 [kN] | 675 |
| $D_{a, \max}$ [mm] | 229.8 | C_u [kN] | 74.8 |
| $r_{a, \max}$ [mm] | 2.1 | n_{th} [min^{-1}] | 2447 |
| | | n_g [min^{-1}] | 3600 |