

NUP2936E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|----------------|----------------|-----------------|
| d [mm] | 180 | d_1 [mm] | ≈ 204.6 |
| D [mm] | 250 | D_1 [mm] | ≈ 227.4 |
| B [mm] | 42 | $r_{1,2}$ [mm] | 2 |
| Weight [kg] | ≈ 6.59 | $r_{3,4}$ [mm] | 1.1 |
| F [mm] | 197 | s [mm] | 2.8 |



| Mating dimensions | | Calculation data | |
|--------------------|-------|--------------------------------|------|
| $d_{a, \min}$ [mm] | 188.8 | C [kN] | 354 |
| $d_{c, \min}$ [mm] | 208 | C_0 [kN] | 610 |
| $D_{a, \max}$ [mm] | 241.2 | C_u [kN] | 66.5 |
| $r_{a, \max}$ [mm] | 2 | n_{th} [min^{-1}] | 2222 |
| | | n_g [min^{-1}] | 3300 |