

NUP3136M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|----------------|----------------|-----------------|
| d [mm] | 180 | d_1 [mm] | ≈ 223.8 |
| D [mm] | 300 | D_1 [mm] | ≈ 262.2 |
| B [mm] | 96 | $r_{1,2}$ [mm] | 3 |
| Weight [kg] | ≈ 28.9 | $r_{3,4}$ [mm] | 3 |
| F [mm] | 211 | s [mm] | 9.5 |



Mating dimensions

| | |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 194 |
| $d_{c, \min}$ [mm] | 225 |
| $D_{a, \max}$ [mm] | 286 |
| $r_{a, \max}$ [mm] | 2.5 |

Calculation data

| | |
|--------------------------------|------|
| C [kN] | 935 |
| C_0 [kN] | 1520 |
| C_u [kN] | 160 |
| n_{th} [min^{-1}] | 1641 |
| n_g [min^{-1}] | 2900 |