

NUP1826M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|-----------------|----------------|-----------------|
| d [mm] | 130 | d_1 [mm] | ≈ 142.6 |
| D [mm] | 165 | D_1 [mm] | ≈ 153.4 |
| B [mm] | 18 | $r_{1,2}$ [mm] | 1.1 |
| Weight [kg] | ≈ 0.929 | $r_{3,4}$ [mm] | 0.6 |
| F [mm] | 139 | s [mm] | 2.8 |



Mating dimensions

| | |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 136 |
| $d_{c, \min}$ [mm] | 145 |
| $D_{a, \max}$ [mm] | 159 |
| $r_{a, \max}$ [mm] | 1 |

Calculation data

| | |
|--------------------------------|------|
| C [kN] | 74.9 |
| C_0 [kN] | 125 |
| C_u [kN] | 15.2 |
| n_{th} [min^{-1}] | 2923 |
| n_g [min^{-1}] | 4900 |