

NNCF5018V

Cylindrical Roller Bearings (full complement, double row)



Details:

Main dimensions

| | | | |
|-------------|----------|----------------|-----|
| d [mm] | 90 | d_s [mm] | 3.2 |
| D [mm] | 140 | n_s [mm] | 6.5 |
| B [mm] | 67 | $r_{1,2}$ [mm] | 1.5 |
| Weight [kg] | ≈ 3.59 | $r_{3,4}$ [mm] | 1.1 |
| d_1 [mm] | ≈ 106.11 | s [mm] | 4 |
| D_1 [mm] | ≈ 124.11 | | |



| Mating dimensions | | Calculation data | |
|---------------------------|-----|---------------------------------------|------|
| $d_{a, \min}$ [mm] | 97 | C [kN] | 347 |
| $d_{c, \text{empf}}$ [mm] | 105 | C_0 [kN] | 575 |
| $D_{a, \max}$ [mm] | 133 | C_u [kN] | 75.2 |
| $r_{a, \max}$ [mm] | 1.5 | n_{th} [min^{-1}] | 2105 |
| $r_{b, \max}$ [mm] | 1 | n_g [min^{-1}] | 2900 |