

NUP3188M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|-------|----------------|-------|
| d [mm] | 440 | d_1 [mm] | ≈ 537 |
| D [mm] | 720 | D_1 [mm] | ≈ 633 |
| B [mm] | 226 | $r_{1,2}$ [mm] | 6 |
| Weight [kg] | ≈ 385 | $r_{3,4}$ [mm] | 6 |
| F [mm] | 505 | s [mm] | 19.5 |



| Mating dimensions | | Calculation data | |
|--------------------|-----|--------------------------------|------|
| $d_{a, \min}$ [mm] | 466 | C [kN] | 5150 |
| $d_{c, \min}$ [mm] | 541 | C_0 [kN] | 9450 |
| $D_{a, \max}$ [mm] | 694 | C_u [kN] | 774 |
| $r_{a, \max}$ [mm] | 5 | n_{th} [min^{-1}] | 429 |
| | | n_g [min^{-1}] | 1100 |