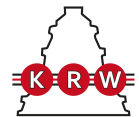


NU3184M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|-------|----------------|-------|
| d [mm] | 420 | D_1 [mm] | ≈ 613 |
| D [mm] | 700 | $r_{1,2}$ [mm] | 6 |
| B [mm] | 224 | $r_{3,4}$ [mm] | 6 |
| Weight [kg] | ≈ 356 | s [mm] | 19 |
| F [mm] | 485 | | |



Mating dimensions

| | |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 446 |
| $d_{a, \max}$ [mm] | 480 |
| $d_{b, \min}$ [mm] | 490 |
| $D_{a, \max}$ [mm] | 674 |
| $r_{a, \max}$ [mm] | 5 |
| $r_{b, \max}$ [mm] | 5 |

Calculation data

| | |
|--------------------------------|------|
| C [kN] | 4930 |
| C_0 [kN] | 8900 |
| C_u [kN] | 739 |
| n_{th} [min^{-1}] | 455 |
| n_g [min^{-1}] | 1200 |