

NUP39/530E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|-------|----------------|---------|
| d [mm] | 530 | d_1 [mm] | ≈ 594.2 |
| D [mm] | 710 | D_1 [mm] | ≈ 651.8 |
| B [mm] | 136 | $r_{1,2}$ [mm] | 5 |
| Weight [kg] | ≈ 161 | $r_{3,4}$ [mm] | 5 |
| F [mm] | 575 | s [mm] | 6.9 |



| Mating dimensions | | Calculation data | |
|--------------------|-----|--------------------------------|------|
| $d_{a, \min}$ [mm] | 548 | C [kN] | 2780 |
| $d_{c, \min}$ [mm] | 599 | C_0 [kN] | 6350 |
| $D_{a, \max}$ [mm] | 692 | C_u [kN] | 512 |
| $r_{a, \max}$ [mm] | 4 | n_{th} [min^{-1}] | 436 |
| | | n_g [min^{-1}] | 980 |