

NU29/670E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|-------|----------------|-------|
| d [mm] | 670 | D_1 [mm] | ≈ 824 |
| D [mm] | 900 | $r_{1,2}$ [mm] | 6 |
| B [mm] | 136 | $r_{3,4}$ [mm] | 6 |
| Weight [kg] | ≈ 251 | s [mm] | 8 |
| F [mm] | 728 | | |



Mating dimensions

Calculation data

| | | | |
|--------------------|-----|--------------------------------|------|
| $d_{a, \min}$ [mm] | 693 | C [kN] | 3480 |
| $d_{a, \max}$ [mm] | 723 | C_0 [kN] | 7850 |
| $d_{b, \min}$ [mm] | 733 | C_u [kN] | 589 |
| $D_{a, \max}$ [mm] | 877 | n_{th} [min^{-1}] | 361 |
| $r_{a, \max}$ [mm] | 5 | n_g [min^{-1}] | 730 |
| $r_{b, \max}$ [mm] | 5 | | |