

NU28/560M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|--------------|----------------|-----------------|
| d [mm] | 560 | D_1 [mm] | ≈ 638.8 |
| D [mm] | 680 | $r_{1,2}$ [mm] | 3 |
| B [mm] | 72 | $r_{3,4}$ [mm] | 3 |
| Weight [kg] | ≈ 54 | s [mm] | 8.5 |
| F [mm] | 594 | | |



Mating dimensions

Calculation data

| | | | |
|--------------------|-------|--------------------------------|------|
| $d_{a, \min}$ [mm] | 572.4 | C [kN] | 1110 |
| $d_{a, \max}$ [mm] | 590 | C_0 [kN] | 2870 |
| $d_{b, \min}$ [mm] | 598 | C_u [kN] | 232 |
| $D_{a, \max}$ [mm] | 667.6 | n_{th} [min^{-1}] | 549 |
| $r_{a, \max}$ [mm] | 2.5 | n_g [min^{-1}] | 990 |
| $r_{b, \max}$ [mm] | 2.5 | | |