

NJ28/560M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

| | | | |
|-------------|--------|-----------------------|---------|
| d [mm] | 560 | d ₁ [mm] | ≈ 605.2 |
| D [mm] | 680 | D ₁ [mm] | ≈ 638.8 |
| B [mm] | 72 | r _{1,2} [mm] | 3 |
| Weight [kg] | ≈ 55.3 | r _{3,4} [mm] | 3 |
| F [mm] | 594 | s [mm] | 8.5 |



| 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 _{c, min} [mm] | 609 | n _{th} [min ⁻¹] | 549 |
| D _{a, max} [mm] | 667.6 | n _g [min ⁻¹] | 990 |
| r _{a, max} [mm] | 2.5 | | |