

# NCF2984V

Cylindrical Roller Bearings (full complement, single row)



## Details:

### Main dimensions

|             |        |                       |         |
|-------------|--------|-----------------------|---------|
| d [mm]      | 420    | d <sub>1</sub> [mm]   | ≈ 462.2 |
| D [mm]      | 560    | D <sub>1</sub> [mm]   | ≈ 507.8 |
| B [mm]      | 82     | r <sub>1,2</sub> [mm] | 4       |
| Weight [kg] | ≈ 56.8 | r <sub>3,4</sub> [mm] | 4       |
| E [mm]      | 523    | s [mm]                | 5       |



| Mating dimensions        |     | Calculation data                     |      |
|--------------------------|-----|--------------------------------------|------|
| d <sub>a, min</sub> [mm] | 435 | C [kN]                               | 1700 |
| d <sub>c, min</sub> [mm] | 458 | C <sub>0</sub> [kN]                  | 3680 |
| D <sub>a, max</sub> [mm] | 545 | C <sub>u</sub> [kN]                  | 319  |
| D <sub>b, max</sub> [mm] | 545 | n <sub>th</sub> [min <sup>-1</sup> ] | 331  |
| r <sub>a, max</sub> [mm] | 3   | n <sub>g</sub> [min <sup>-1</sup> ]  | 600  |
| r <sub>b, max</sub> [mm] | 3   |                                      |      |