

## Single Row Full Complement Cylindrical Roller Bearings

| Bearing NO. | Boundary dimensions(mm) |     |     |          |         | Basic load ratings(kN) |      | Limiting speed(rpm) |      | Abutment and fillet dimensions(mm) |        |        | Weight (kg) |
|-------------|-------------------------|-----|-----|----------|---------|------------------------|------|---------------------|------|------------------------------------|--------|--------|-------------|
|             | d                       | D   | B   | r 1.2min | r3.4min | Cr                     | Cor  | Grease              | Oil  | da max                             | Da max | ra max | Refer       |
|             | NCF2920V                | 100 | 140 | 24       | 1.1     | 1                      | 132  | 224                 | 1000 | 2200                               | 106.5  | 133.5  | 1           |
| NCF3020V    | 100                     | 150 | 37  | 1.5      | 1       | 242                    | 375  | 950                 | 2000 | 108                                | 142    | 1.5    | 2.2         |
| NCF2220V    | 100                     | 180 | 46  | 2.1      | 2.1     | 380                    | 530  | 850                 | 1800 | 111                                | 169    | 2      | 5.1         |
| NJG2320VH   | 100                     | 215 | 73  | 3        | -       | 704                    | 900  | 600                 | 1200 | 113                                | 202    | 2.5    | 13          |
| NCF2922V    | 110                     | 150 | 24  | 1.1      | 1       | 140                    | 250  | 900                 | 1900 | 116.5                              | 143.5  | 1      | 1.25        |
| NCF3022V    | 110                     | 170 | 45  | 2        | 1       | 330                    | 500  | 850                 | 1800 | 119                                | 161    | 2      | 3.65        |
| NCF2222V    | 110                     | 200 | 53  | 2.1      | 2.1     | 440                    | 600  | 750                 | 1600 | 122                                | 188    | 2      | 7.15        |
| NJG2322VH   | 110                     | 240 | 80  | 3        | -       | 858                    | 1060 | 560                 | 1100 | 123                                | 227    | 2.5    | 17.5        |
| NCF2924V    | 120                     | 165 | 27  | 1.1      | 1       | 172                    | 290  | 850                 | 1800 | 126.5                              | 158.5  | 1      | 1.7         |
| NCF3024V    | 120                     | 180 | 46  | 2        | 1       | 341                    | 550  | 800                 | 1700 | 129                                | 171    | 2      | 3.95        |
| NCF2224V    | 120                     | 215 | 58  | 2.1      | 2.1     | 512                    | 735  | 700                 | 1500 | 132                                | 203    | 2      | 9.05        |
| NJG2324VH   | 120                     | 260 | 86  | 3        | -       | 935                    | 1200 | 530                 | 1000 | 133                                | 247    | 2.5    | 22.5        |
| NCF2926V    | 130                     | 180 | 30  | 1.5      | 1.1     | 205                    | 360  | 750                 | 1600 | 138                                | 172    | 1.5    | 2.3         |
| NCF3026V    | 130                     | 200 | 52  | 2        | 1       | 429                    | 695  | 700                 | 1500 | 139                                | 191    | 2      | 5.8         |
| NCF2226V    | 130                     | 230 | 64  | 3        | 3       | 605                    | 880  | 670                 | 1400 | 143                                | 217    | 2.5    | 11          |
| NJG2326VH   | 130                     | 280 | 93  | 4        | -       | 1080                   | 1430 | 500                 | 950  | 146                                | 264    | 3      | 28          |
| NCF2928V    | 140                     | 190 | 30  | 1.5      | 1.1     | 220                    | 390  | 700                 | 1500 | 148                                | 182    | 1.5    | 2.4         |
| NCF3028V    | 140                     | 210 | 53  | 2        | 1       | 468                    | 750  | 670                 | 1400 | 149                                | 201    | 2      | 6.1         |
| NCF2228V    | 140                     | 250 | 68  | 3        | 3       | 693                    | 1020 | 630                 | 1300 | 153                                | 237    | 2.5    | 14.5        |
| NJG2328VH   | 140                     | 300 | 102 | 4        | -       | 1230                   | 1660 | 450                 | 850  | 156                                | 284    | 3      | 35.5        |
| NCF1830V    | 150                     | 190 | 20  | 1.1      | 1       | 108                    | 200  | 700                 | 1500 | 157.5                              | 182.5  | 1      | 1.3         |
| NCF2830V    | 150                     | 190 | 24  | 1.1      | 1       | 145                    | 285  | 700                 | 1500 | 157.5                              | 182.5  | 1      | 1.7         |
| NCF2930V    | 150                     | 210 | 36  | 2        | 1.1     | 286                    | 500  | 670                 | 1400 | 159                                | 201    | 2      | 3.85        |
| NCF3030V    | 150                     | 225 | 56  | 2.1      | 1.1     | 539                    | 865  | 630                 | 1300 | 161                                | 214    | 2      | 7.5         |
| NCF2230V    | 150                     | 270 | 73  | 3        | 3       | 792                    | 1180 | 600                 | 1200 | 163                                | 257    | 2.5    | 18.5        |
| NJG2330VH   | 150                     | 320 | 108 | 4        | -       | 1450                   | 1930 | 430                 | 800  | 166                                | 177    | 3      | 42.5        |
| NCF1832V    | 150                     | 200 | 20  | 1.1      | 1       | 112                    | 212  | 670                 | 1400 | 167.5                              | 192.5  | 1      | 1.45        |
| NCF2832V    | 160                     | 200 | 24  | 1.1      | 1       | 147                    | 305  | 670                 | 1400 | 167.5                              | 192.5  | 1      | 1.65        |
| NCF2932V    | 160                     | 220 | 36  | 2        | 1.1     | 297                    | 540  | 630                 | 1300 | 169                                | 211    | 2      | 4.05        |

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|----------|-----|-----|----|-----|-----|-----|-----|-----|------|-----|-----|---|-----|
| NCF3032V | 160 | 240 | 60 | 2.1 | 1.1 | 583 | 950 | 600 | 1200 | 171 | 229 | 2 | 9.1 |
|----------|-----|-----|----|-----|-----|-----|-----|-----|------|-----|-----|---|-----|