

# NF300 Series cylindrical roller bearing

NF Series

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| Designation | Principal Dimensions(mm) |     |    |        |        | Basic Load Ratings(KN) |             | Limited Speed(rpm) |       | Weight |
|-------------|--------------------------|-----|----|--------|--------|------------------------|-------------|--------------------|-------|--------|
|             | d                        | D   | B  | rs min | rs1min | Dynamic(Cr)            | Static(Cor) | Grease             | Oil   | (kg)   |
| NF303E      | 17                       | 47  | 14 | 1      | 0.6    | 24.65                  | 21.16       | 13000              | 15000 | 0.139  |
| NF304E      | 20                       | 52  | 15 | 1.1    | 0.6    | 23.1                   | 19.2        | 14000              | 17000 | 0.149  |
| NF305E      | 25                       | 62  | 17 | 1.1    | 1.1    | 38.5                   | 35.8        | 9000               | 12000 | 0.24   |
| NF306E      | 30                       | 72  | 19 | 1.1    | 1.1    | 49.2                   | 48.2        | 8000               | 10000 | 0.38   |
| NF307E      | 35                       | 80  | 21 | 1.5    | 1.1    | 62                     | 63.2        | 7000               | 9000  | 0.54   |
| NF308E      | 40                       | 90  | 23 | 1.5    | 1.5    | 76.8                   | 77.8        | 6300               | 8000  | 0.65   |
| NF309E      | 45                       | 100 | 25 | 1.5    | 1.5    | 93                     | 98          | 5600               | 7000  | 0.95   |
| NF310E      | 50                       | 110 | 27 | 2      | 2      | 105                    | 112         | 5300               | 6700  | 1.2    |
| NF311E      | 55                       | 120 | 29 | 2      | 2      | 128                    | 138         | 4800               | 6000  | 1.61   |
| NF312E      | 60                       | 130 | 31 | 2.1    | 2.1    | 142                    | 155         | 4500               | 5600  | 1.94   |
| NF313E      | 65                       | 140 | 33 | 2.1    | 2.1    | 170                    | 188         | 4000               | 5000  | 2.42   |
| NF314E      | 70                       | 150 | 35 | 2.1    | 2.1    | 195                    | 220         | 3800               | 4800  | 2.9    |
| NF315E      | 75                       | 160 | 37 | 2.1    | 2.1    | 228                    | 260         | 3600               | 4500  | 3.59   |
| NF316E      | 80                       | 170 | 39 | 2.1    | 2.1    | 245                    | 270         | 3400               | 4300  | 3.9    |
| NF317E      | 85                       | 180 | 41 | 3      | 3      | 265                    | 280         | 3200               | 4000  | 5.2    |
| NF318E      | 90                       | 190 | 43 | 3      | 3      | 290                    | 320         | 3000               | 3800  | 6.17   |
| NF319E      | 95                       | 200 | 45 | 3      | 3      | 320                    | 350         | 2800               | 3600  | 6.92   |
| NF320E      | 100                      | 215 | 47 | 3      | 3      | 355                    | 380         | 2600               | 3200  | 8.24   |
| NF321E      | 105                      | 225 | 49 | 3      | 3      | 390                    | 420         | 2200               | 3000  | 9.9    |
| NF322E      | 110                      | 240 | 50 | 3      | 3      | 415                    | 470         | 2000               | 2800  | 11.2   |
| NF324E      | 120                      | 260 | 55 | 3      | 3      | 440                    | 552         | 1900               | 2600  | 14.1   |