

## NU300 cylindrical roller bearing

NU Series

NU300 cylindrical roller bearing



| Designation | Principal Dimensions(mm) |     |    |        |        | Basic Load Ratings(KN) |             | Limited Speed(rpm) |       | Weight (kg) |
|-------------|--------------------------|-----|----|--------|--------|------------------------|-------------|--------------------|-------|-------------|
|             | d                        | D   | B  | rs min | rs1min | Dynamic(Cr)            | Static(Cor) | Grease             | Oil   |             |
| NU304E      | 20                       | 52  | 15 | 1.1    | 0.6    | 31.5                   | 26.9        | 13000              | 15000 | 0.176       |
| NU305E      | 25                       | 62  | 17 | 1.1    | 1.1    | 41.5                   | 37.5        | 11000              | 13000 | 0.275       |
| NU306E      | 30                       | 72  | 19 | 1.1    | 1.1    | 53                     | 50          | 9300               | 11000 | 0.398       |
| NU307E      | 35                       | 80  | 21 | 1.5    | 1.1    | 71                     | 71          | 8100               | 9600  | 0.545       |
| NU308       | 40                       | 90  | 23 | 1.5    | 1.5    | 58.5                   | 57          | 8000               | 9400  | 0.658       |
| NU308E      | 40                       | 90  | 23 | 1.5    | 1.5    | 83                     | 81.5        | 7200               | 8500  | 0.754       |
| NU309       | 45                       | 100 | 25 | 1.5    | 1.5    | 74                     | 71          | 7200               | 8400  | 0.877       |
| NU309E      | 45                       | 100 | 25 | 1.5    | 1.5    | 97.5                   | 98.5        | 6500               | 7600  | 0.996       |
| NU310       | 50                       | 110 | 27 | 2      | 2      | 87                     | 86          | 6500               | 7700  | 1.14        |
| NU310E      | 50                       | 110 | 27 | 2      | 2      | 110                    | 113         | 5900               | 6900  | 1.3         |
| NU311       | 55                       | 120 | 29 | 2      | 2      | 111                    | 111         | 5900               | 7000  | 1.45        |
| NU311E      | 55                       | 120 | 29 | 2      | 2      | 137                    | 143         | 5300               | 6300  | 1.65        |
| NU312       | 60                       | 130 | 31 | 2.1    | 2.1    | 124                    | 126         | 5500               | 6500  | 1.8         |
| NU312E      | 60                       | 130 | 31 | 2.1    | 2.1    | 150                    | 157         | 4900               | 5800  | 2.05        |
| NU313       | 65                       | 140 | 33 | 2.1    | 2.1    | 135                    | 139         | 5100               | 6000  | 2.23        |
| NU313E      | 65                       | 140 | 33 | 2.1    | 2.1    | 181                    | 191         | 4600               | 5400  | 2.54        |
| NU314       | 70                       | 150 | 35 | 2.1    | 2.1    | 158                    | 168         | 4700               | 5500  | 2.71        |
| NU314E      | 70                       | 150 | 35 | 2.1    | 2.1    | 205                    | 222         | 4200               | 5000  | 3.1         |
| NU315       | 75                       | 160 | 37 | 2.1    | 2.1    | 190                    | 205         | 4400               | 5200  | 3.28        |
| NU315E      | 75                       | 160 | 37 | 2.1    | 2.1    | 240                    | 263         | 4000               | 4700  | 3.74        |
| NU316       | 80                       | 170 | 39 | 2.1    | 2.1    | 190                    | 207         | 4100               | 4800  | 3.86        |
| NU316E      | 80                       | 170 | 39 | 2.1    | 2.1    | 256                    | 282         | 3700               | 4400  | 4.22        |
| NU317       | 85                       | 180 | 41 | 3      | 3      | 212                    | 228         | 3900               | 4600  | 4.54        |
| NU317E      | 85                       | 180 | 41 | 3      | 3      | 291                    | 330         | 3500               | 4100  | 4.81        |
| NU318       | 90                       | 190 | 43 | 3      | 3      | 240                    | 265         | 3700               | 4300  | 5.3         |
| NU318E      | 90                       | 190 | 43 | 3      | 3      | 315                    | 355         | 3300               | 3900  | 5.72        |
| NU319       | 95                       | 200 | 45 | 3      | 3      | 259                    | 285         | 3400               | 4000  | 6.13        |
| NU319E      | 95                       | 200 | 45 | 3      | 3      | 335                    | 385         | 3100               | 3600  | 6.62        |
| NU320       | 100                      | 215 | 47 | 3      | 3      | 299                    | 335         | 3300               | 3800  | 7.49        |
| NU320E      | 100                      | 215 | 47 | 3      | 3      | 380                    | 425         | 2900               | 3500  | 8.57        |
| NU321       | 105                      | 225 | 49 | 3      | 3      | 320                    | 360         | 3100               | 3700  | 8.53        |
| NU322       | 110                      | 240 | 50 | 3      | 3      | 360                    | 400         | 3000               | 3500  | 10          |
| NU322E      | 110                      | 240 | 50 | 3      | 3      | 450                    | 525         | 2700               | 3100  | 11.1        |

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|        |     |     |    |   |   |     |     |      |      |      |
|--------|-----|-----|----|---|---|-----|-----|------|------|------|
| NU324  | 120 | 260 | 55 | 3 | 3 | 450 | 510 | 2700 | 3200 | 12.8 |
| NU324E | 120 | 260 | 55 | 3 | 3 | 530 | 610 | 2400 | 2800 | 13.9 |
| NU326  | 130 | 280 | 58 | 4 | 4 | 560 | 665 | 2500 | 2900 | 17.4 |
| NU326E | 130 | 280 | 58 | 4 | 4 | 615 | 735 | 2200 | 2600 | 19.4 |
| NU328  | 140 | 300 | 62 | 4 | 4 | 615 | 745 | 2300 | 2700 | 21.2 |
| NU328E | 140 | 300 | 62 | 4 | 4 | 665 | 795 | 2100 | 2400 | 23.2 |
| NU330  | 150 | 320 | 65 | 4 | 4 | 665 | 805 | 2100 | 2500 | 25.3 |
| NU330E | 150 | 320 | 65 | 4 | 4 | 760 | 920 | 1900 | 2300 | 28.4 |