

# 32300 Series

| Bearing No. | Boundary dimensionsmm |     |       |     |            |      | Basic load ratings(kN) |             | Limiting speed(rpm ) |       | Mass Kg |
|-------------|-----------------------|-----|-------|-----|------------|------|------------------------|-------------|----------------------|-------|---------|
|             | d                     | D   | T     | B   | Sueño Rmin | rmin | Dynamic(Cr)            | Static(Cor) | Grease               | Oil   |         |
| 32303       | 17                    | 47  | 20.25 | 19  | 16         | 1    | 35.4                   | 36.6        | 8000                 | 11000 | 0.174   |
| 32304       | 20                    | 52  | 22.25 | 21  | 18         | 1.5  | 42.7                   | 46.4        | 7500                 | 10000 | 0.231   |
| 32305       | 25                    | 62  | 25.25 | 24  | 20         | 1.5  | 61.7                   | 68.9        | 6000                 | 8000  | 0.367   |
| 32306       | 30                    | 72  | 28.75 | 27  | 23         | 1.5  | 81.7                   | 97.6        | 5300                 | 7000  | 0.56    |
| 32307       | 35                    | 80  | 32.75 | 31  | 25         | 2    | 99.1                   | 119         | 4800                 | 6300  | 0.77    |
| 32308       | 40                    | 90  | 35.25 | 33  | 27         | 2    | 115                    | 149         | 4000                 | 5300  | 1.05    |
| 32309       | 45                    | 100 | 38.25 | 36  | 30         | 2    | 145                    | 191         | 3600                 | 4800  | 1.4     |
| 32310       | 50                    | 110 | 42.25 | 40  | 33         | 2.5  | 177                    | 239         | 3200                 | 4300  | 1.89    |
| 32311       | 55                    | 120 | 45.5  | 43  | 35         | 2.5  | 203                    | 274         | 3000                 | 4000  | 2.37    |
| 32312       | 60                    | 130 | 48.5  | 46  | 37         | 3    | 226                    | 306         | 2600                 | 3600  | 2.9     |
| 32313       | 65                    | 140 | 51    | 48  | 39         | 3    | 259                    | 353         | 2400                 | 3400  | 3.51    |
| 32314       | 70                    | 150 | 54    | 51  | 42         | 3    | 298                    | 413         | 2000                 | 3000  | 4.35    |
| 32315       | 75                    | 160 | 58    | 55  | 45         | 3    | 346                    | 488         | 2000                 | 3000  | 5.34    |
| 32316       | 80                    | 170 | 61.5  | 58  | 48         | 3    | 387                    | 549         | 1900                 | 2800  | 6.38    |
| 32317       | 85                    | 180 | 63.5  | 60  | 49         | 4    | 421                    | 599         | 1800                 | 2600  | 7.3     |
| 32318       | 90                    | 190 | 67.5  | 64  | 53         | 4    | 477                    | 690         | 1700                 | 2400  | 8.78    |
| 32319       | 95                    | 200 | 71.5  | 67  | 55         | 4    | 515                    | 745         | 1700                 | 2400  | 10.7    |
| 32320       | 100                   | 215 | 77.5  | 73  | 60         | 4    | 572                    | 780         | 1600                 | 2200  | 3       |
| 32321       | 105                   | 225 | 81.5  | 77  | 63         | 4    | 646                    | 955         | 1500                 | 2000  | 14.5    |
| 32322       | 110                   | 240 | 84.5  | 80  | 65         | 4    | 722                    | 1070        | 1400                 | 1900  | 17.8    |
| 32324       | 120                   | 260 | 90.5  | 86  | 69         | 4    | 824                    | 1240        | 1300                 | 1800  | 21.7    |
| 32334       | 170                   | 360 | 128   | 120 | 100        | 3.7  | 1300                   | 1760        | 850                  | 1100  | 59.5    |