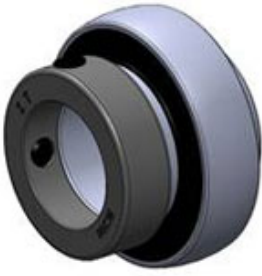


# HC200 Series



| Bearing NO. | Shaft Dia d |    | Dimensions(mm/in.) |      |      |    |      |      |     |      |      |   |                   | Dynamic load ratings(N) | Static load ratings(N) | Weight(kg) |
|-------------|-------------|----|--------------------|------|------|----|------|------|-----|------|------|---|-------------------|-------------------------|------------------------|------------|
|             | in          | mm | D                  | G    | k    | w  | T    | m    | n   | Be   | Bi   | L | ds                |                         |                        |            |
| HC201-8     | 1/2         |    | 47                 | 43.7 | 34.2 | 17 | 17.1 | 17.1 | 3.7 | 33.3 | 13.5 | 5 | 1/4-28<br>M6X0.75 | 1000                    | 630                    | 0.27       |
| 202-9       | 9/16        |    | 47                 | 43.7 | 34.2 | 17 | 17.1 | 17.1 | 3.7 | 33.3 | 13.5 | 5 | 1/4-28<br>M6X0.75 | 1000                    | 630                    | 0.26       |
| 202-10      | 5/8         |    | 47                 | 43.7 | 34.2 | 17 | 17.1 | 17.1 | 3.7 | 33.3 | 13.5 | 5 | 1/4-28<br>M6X0.75 | 1000                    | 630                    | 0.24       |
| 203-11      | 11/16       |    | 47                 | 43.7 | 34.2 | 17 | 17.1 | 17.1 | 3.7 | 33.3 | 13.5 | 5 | 1/4-28<br>M6X0.75 | 1000                    | 630                    | 0.23       |
| 204-12      | 3/4         |    | 47                 | 43.7 | 34.2 | 17 | 17.1 | 17.1 | 3.7 | 33.3 | 13.5 | 5 | 1/4-28<br>M6X0.75 | 1000                    | 630                    | 0.26       |
| HC201       |             | 12 | 47                 | 43.7 | 34.2 | 17 | 17.1 | 17.1 | 3.7 | 33.3 | 13.5 | 5 | 1/4-28<br>M6X0.75 | 1000                    | 630                    | 0.27       |
| 202         |             | 15 | 47                 | 43.7 | 34.2 | 17 | 17.1 | 17.1 | 3.7 | 33.3 | 13.5 | 5 | 1/4-28<br>M6X0.75 | 1000                    | 630                    | 0.24       |
| 203         |             | 17 | 47                 | 43.7 | 34.2 | 17 | 17.1 | 17.1 | 3.7 | 33.3 | 13.5 | 5 | 1/4-28<br>M6X0.75 | 1000                    | 630                    | 0.23       |
| 204         |             | 20 | 47                 | 43.7 | 34.2 | 17 | 17.1 | 17.1 | 3.7 | 33.3 | 13.5 | 5 | 1/4-28<br>M6X0.75 | 1000                    | 630                    | 0.21       |
| HC205-13    | 13/16       |    | 52                 | 44.4 | 34.9 | 17 | 17.5 | 174  | 3.9 | 38.1 | 13.5 | 5 | 1/4-28<br>M6X0.75 | 1100                    | 710                    | 0.31       |
| 205-14      | 7/8         |    | 52                 | 44.4 | 34.9 | 17 | 17.5 | 174  | 3.9 | 38.1 | 13.5 | 5 | 1/4-28<br>M6X0.75 | 1100                    | 710                    | 0.29       |
| 205-15      | 15/16       |    | 52                 | 44.4 | 34.9 | 17 | 17.5 | 174  | 3.9 | 38.1 | 13.5 | 5 | 1/4-28<br>M6X0.75 | 1100                    | 710                    | 0.27       |
| 205-16      | 1           |    | 52                 | 44.4 | 34.9 | 17 | 17.5 | 174  | 3.9 | 38.1 | 13.5 | 5 | 1/4-28<br>M6X0.75 | 1100                    | 710                    | 0.25       |
| HC205       |             | 25 | 52                 | 44.4 | 34.9 | 17 | 17.5 | 174  | 3.9 | 38.1 | 13.5 | 5 | 1/4-28<br>M6X0.75 | 1100                    | 710                    | 0.25       |
| HC206-17    | 1-1/16      |    | 62                 | 484  | 36.5 | 19 | 183  | 182  | 5   | 44.5 | 15.9 | 6 | 5/16-24<br>M8X 1  | 1540                    | 1020                   | 0.4        |
| 206-18      | 1-1/8       |    | 62                 | 484  | 36.5 | 19 | 183  | 182  | 5   | 44.5 | 15.9 | 6 | 5/16-24<br>M8X 1  | 1540                    | 1020                   | 0.38       |

## HC200 Series

|          |         |    |     |      |      |    |      |      |     |      |          |     |                         |      |      |      |  |
|----------|---------|----|-----|------|------|----|------|------|-----|------|----------|-----|-------------------------|------|------|------|--|
| 206-19   | 1-3/16  |    | 62  | 484  | 36.5 | 19 | 183  | 182  | 5   | 44.5 | 15.9     | 6   | 5/16-24<br>M8X 1        | 1540 | 1020 | 0.35 |  |
| 206-20   | 1-1/4   |    | 62  | 484  | 36.5 | 19 | 183  | 182  | 5   | 44.5 | 15.9     | 6   | 5/16-24<br>M8X 1        | 1540 | 1020 | 0.32 |  |
| HC206    |         | 30 | 62  | 484  | 36.5 | 19 | 183  | 182  | 5   | 44.5 | 15.9     | 6   | 5/16-24<br>M8X 1        | 1540 | 1020 | 0.36 |  |
| HC207-20 | 1-1/4   |    | 72  | 51.1 | 37.6 | 20 | 188  | 188  | 5.7 | 55.6 | 17.5     | 6.5 | 5/16 24<br>M8X 1        | 2030 | 1400 | 0.65 |  |
| 207-21   | 1-5/16  |    | 72  | 51.1 | 37.6 | 20 | 188  | 188  | 5.7 | 55.6 | 17.5     | 6.5 | 5/16 24<br>M8X 1        | 2030 | 1400 | 0.62 |  |
| 207-22   | 1-3/8   |    | 72  | 51.1 | 37.6 | 20 | 188  | 188  | 5.7 | 55.6 | 17.5     | 6.5 | 5/16 24<br>M8X 1        | 2030 | 1400 | 0.59 |  |
| 207-23   | 1-7/16  |    | 72  | 51.1 | 37.6 | 20 | 188  | 188  | 5.7 | 55.6 | 17.5     | 6.5 | 5/16 24<br>M8X 1        | 2030 | 1400 | 0.55 |  |
| HC207    |         | 35 | 72  | 51.1 | 37.6 | 20 | 188  | 188  | 5.7 | 55.6 | 17.5     | 6.5 | 5/16 24<br>M8X 1        | 2030 | 1400 | 0.59 |  |
| HC208-24 | 1-1/2   |    | 80  | 56.3 | 42.8 | 21 | 21.4 | 21.4 | 6.2 | 60.3 | 18.3     | 6.5 | 5/16-24<br>M8 X 1       | 2300 | 1600 | 0.74 |  |
| 208-25   | 1-9/16  |    | 80  | 56.3 | 42.8 | 21 | 21.4 | 21.4 | 6.2 | 60.3 | 18.3     | 6.5 | 5/16-24<br>M8 X 1       | 2300 | 1600 | 0.75 |  |
| HC208    |         | 40 | 80  | 56.3 | 42.8 | 21 | 21.4 | 21.4 | 6.2 | 60.3 | 18.3     | 6.5 | 5/16-24<br>M8 X 1       | 2300 | 1600 | 0.74 |  |
| HC209-26 | 1-5/8   |    | 85  | 56.3 | 42.8 | 22 | 21.4 | 21.4 | 6.4 | 63.5 | 18.3     | 6.5 | 5/16 24<br>M8X 1        | 2560 | 1810 | 0.93 |  |
| 209-27   | 1-11/16 |    | 85  | 56.3 | 42.8 | 22 | 21.4 | 21.4 | 6.4 | 63.5 | 18.3     | 6.5 | 5/16 24<br>M8X 1        | 2560 | 1810 | 0.88 |  |
| 209-28   | 1-3/4   |    | 85  | 56.3 | 42.8 | 22 | 21.4 | 21.4 | 6.4 | 63.5 | 18.3     | 6.5 | 5/16 24<br>M8X 1        | 2560 | 1810 | 0.84 |  |
| HC209    |         | 45 | 85  | 56.3 | 42.8 | 22 | 21.4 | 21.4 | 6.4 | 63.5 | 18.3     | 6.5 | 5/16 24<br>M8X 1        | 2560 | 1810 | 0.82 |  |
| HC210-29 | 1-13/16 |    | 90  | 62.7 | 49.2 | 24 | 24.6 | 246  | 6.5 | 69.9 | 18.3     | 6.5 | 5/16-24<br>M8X 1        | 2750 | 2020 | 1.22 |  |
| 210-30   | 1-7/8   |    | 90  | 62.7 | 49.2 | 24 | 24.6 | 246  | 6.5 | 69.9 | 18.3     | 6.5 | 5/16-24<br>M8X 1        | 2750 | 2020 | 1.17 |  |
| 210-31   | 1-15/16 |    | 90  | 62.7 | 49.2 | 24 | 24.6 | 246  | 6.5 | 69.9 | 18.3     | 6.5 | 5/16-24<br>M8X 1        | 2750 | 2020 | 1.11 |  |
| 210-32   | 2       |    | 90  | 62.7 | 49.2 | 24 | 24.6 | 246  | 6.5 | 69.9 | 18.3     | 6.5 | 5/16-24<br>M8X 1        | 2750 | 2020 | 1.05 |  |
| HC210    |         | 50 | 90  | 62.7 | 49.2 | 24 | 24.6 | 246  | 6.5 | 69.9 | 18.3     | 6.5 | 5/16-24<br>M8X 1        | 2750 | 2020 | 1.08 |  |
| HC211-32 | 2       |    | 100 | 71.4 | 55.5 | 25 | 27.8 | 27.7 | 7   | 76.2 | 20.<br>7 | 8   | 3/8-24<br>M10X<br>1. 25 | 3400 | 2550 | 1.59 |  |
| 211-33   | 2-1/16  |    | 100 | 71.4 | 55.5 | 25 | 27.8 | 27.7 | 7   | 76.2 | 20.<br>7 | 8   | 3/8-24<br>M10X<br>1. 25 | 3400 | 2550 | 1.52 |  |
| 211-34   | 2-1/8   |    | 100 | 71.4 | 55.5 | 25 | 27.8 | 27.7 | 7   | 76.2 | 20.<br>7 | 8   | 3/8-24<br>M10X<br>1. 25 | 3400 | 2550 | 1.45 |  |
| 211-35   | 2-3/16  |    | 100 | 71.4 | 55.5 | 25 | 27.8 | 27.7 | 7   | 76.2 | 20.<br>7 | 8   | 3/8-24<br>M10X<br>1. 25 | 3400 | 2550 | 1.37 |  |
| HC211    |         | 55 | 100 | 71.4 | 55.5 | 25 | 27.8 | 27.7 | 7   | 76.2 | 20.<br>7 | 8   | 3/8-24<br>M10X<br>1. 25 | 3400 | 2550 | 1.4  |  |
| HC212-36 | 2-1/4   |    | 110 | 77.8 | 61.9 | 24 | 31   | 309  | 7.6 | 84.2 | 223      | 8   | 3/8-24<br>M10<br>X1. 25 | 4100 | 3150 | 1.95 |  |

## HC200 Series

|          |         |    |     |      |      |    |      |      |     |      |      |     |                        |      |      |      |  |
|----------|---------|----|-----|------|------|----|------|------|-----|------|------|-----|------------------------|------|------|------|--|
| 212-37   | 2-5/16  |    | 110 | 77.8 | 61.9 | 24 | 31   | 309  | 7.6 | 84.2 | 223  | 8   | 3/8-24<br>M10<br>X1.25 | 4100 | 3150 | 1.86 |  |
| 212-38   | 2-3/8   |    | 110 | 77.8 | 61.9 | 24 | 31   | 309  | 7.6 | 84.2 | 223  | 8   | 3/8-24<br>M10<br>X1.25 | 4100 | 3150 | 1.77 |  |
| 212-39   | 2-7/16  |    | 110 | 77.8 | 61.9 | 24 | 31   | 309  | 7.6 | 84.2 | 223  | 8   | 3/8-24<br>M10<br>X1.25 | 4100 | 3150 | 1.68 |  |
| HC212    |         | 60 | 110 | 77.8 | 61.9 | 24 | 31   | 309  | 7.6 | 84.2 | 223  | 8   | 3/8-24<br>M10<br>X1.25 | 4100 | 3150 | 1.7  |  |
| HC213-40 | 2-1/2   |    | 120 | 85.7 | 68.2 | 28 | 34.1 | 34.1 | 8.9 | 86   | 23.5 | 8.5 | 3/8-24<br>M10X<br>1.25 | 4480 | 3470 | 2.14 |  |
| 213-41   | 2-9/16  |    | 120 | 85.7 | 68.2 | 28 | 34.1 | 34.1 | 8.9 | 86   | 23.5 | 8.5 | 3/8-24<br>M10X<br>1.25 | 4480 | 3470 | 2.04 |  |
| HC213    |         | 65 | 120 | 85.7 | 68.2 | 28 | 34.1 | 34.1 | 8.9 | 86   | 23.5 | 8.5 | 3/8-24<br>M10X<br>1.25 | 4480 | 3470 | 2.05 |  |
| HC214-42 | 2-5/8   |    | 125 | 85.7 | 68.2 | 30 | 34.1 | 34.1 | 8.9 | 90   | 23.5 | 8.5 | 3/8-24<br>M10X<br>1.25 | 4870 | 3810 | 2.38 |  |
| 214-43   | 2-11/16 |    | 125 | 85.7 | 68.2 | 30 | 34.1 | 34.1 | 8.9 | 90   | 23.5 | 8.5 | 3/8-24<br>M10X<br>1.25 | 4870 | 3810 | 2.72 |  |
| 214-44   | 2-3/4   |    | 125 | 85.7 | 68.2 | 30 | 34.1 | 34.1 | 8.9 | 90   | 23.5 | 8.5 | 3/8-24<br>M10X<br>1.25 | 4870 | 3810 | 2.15 |  |
| HC214    |         | 70 | 125 | 85.7 | 68.2 | 30 | 34.1 | 34.1 | 8.9 | 90   | 23.5 | 8.5 | 3/8-24<br>M10X<br>1.25 | 4870 | 3810 | 2.14 |  |
| HC215-45 | 2-13/16 |    | 130 | 92.1 | 74.6 | 32 | 37.3 | 37.3 | 8.9 | 102  | 23.5 | 8   | 3/8-24<br>M10X<br>1.25 | 5700 | 4200 | 2.83 |  |
| 215-46   | 2-7/8   |    | 130 | 92.1 | 74.6 | 32 | 37.3 | 37.3 | 8.9 | 102  | 23.5 | 8   | 3/8-24<br>M10X<br>1.25 | 5700 | 4200 | 2.7  |  |
| 215-47   | 2-15/16 |    | 130 | 92.1 | 74.6 | 32 | 37.3 | 37.3 | 8.9 | 102  | 23.5 | 8   | 3/8-24<br>M10X<br>1.25 | 5700 | 4200 | 2.56 |  |
| 215-48   | 3       |    | 130 | 92.1 | 74.6 | 32 | 37.3 | 37.3 | 8.9 | 102  | 23.5 | 8   | 3/8-24<br>M10X<br>1.25 | 5700 | 4200 | 2.43 |  |
| HC215    |         | 75 | 130 | 92.1 | 74.6 | 32 | 37.3 | 37.3 | 8.9 | 102  | 23.5 | 8   | 3/8-24<br>M10X<br>1.25 | 5700 | 4200 | 2.53 |  |