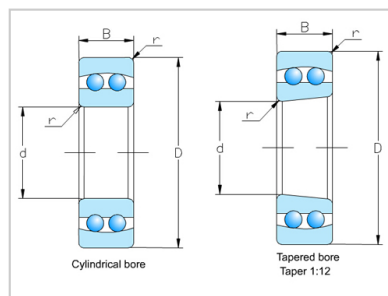


# Self Aligning Ball Bearing

## 2200 Series



BEARING



| Bearing Designation | Dimension mm |     |    |        | Basic load ratings (kN) |      | Speed ratings(rpm) |       | Weight (Kg) |
|---------------------|--------------|-----|----|--------|-------------------------|------|--------------------|-------|-------------|
|                     | d            | D   | B  | rs min | Cr                      | Cor  | Grease             | Oil   |             |
| 2208                | 40           | 80  | 23 | 1.1    | 22.3                    | 7.35 | 6700               | 7900  | 0.493       |
| 2207K               | 35           | 72  | 23 | 1.1    | 21.5                    | 6.6  | 7500               | 8800  | 0.382       |
| 2207                | 35           | 72  | 23 | 1.1    | 21.5                    | 6.6  | 7500               | 8800  | 0.392       |
| 2206K               | 30           | 62  | 20 | 1      | 15.2                    | 4.5  | 8600               | 10000 | 0.25        |
| 2206                | 30           | 62  | 20 | 1      | 15.2                    | 4.5  | 8600               | 10000 | 0.256       |
| 2205K               | 25           | 52  | 18 | 1      | 12.3                    | 3.45 | 10000              | 12000 | 0.153       |
| 2205                | 25           | 52  | 18 | 1      | 12.3                    | 3.45 | 10000              | 12000 | 0.157       |
| 2204K               | 20           | 47  | 18 | 1      | 12.6                    | 3.3  | 12000              | 14000 | 0.137       |
| 2204                | 20           | 47  | 18 | 1      | 12.6                    | 3.3  | 12000              | 14000 | 0.14        |
| 2203                | 17           | 40  | 16 | 0.6    | 9.8                     | 2.41 | 13000              | 16000 | 0.088       |
| 2202                | 15           | 35  | 14 | 0.6    | 7.7                     | 1.85 | 15000              | 18000 | 0.06        |
| 2201                | 12           | 32  | 14 | 0.6    | 7.6                     | 1.73 | 17000              | 20000 | 0.051       |
| 2200                | 10           | 30  | 14 | 0.6    | 7.3                     | 1.59 | 19000              | 23000 | 0.047       |
| 2208K               | 40           | 80  | 23 | 1.1    | 22.3                    | 7.35 | 6700               | 7900  | 0.482       |
| 2209                | 45           | 85  | 23 | 1.1    | 23.2                    | 8.15 | 6000               | 7100  | 0.54        |
| 2209K               | 45           | 85  | 23 | 1.1    | 23.2                    | 8.15 | 6000               | 7100  | 0.528       |
| 2210                | 50           | 90  | 23 | 1.1    | 23.2                    | 8.45 | 5500               | 6400  | 0.583       |
| 2210K               | 50           | 90  | 23 | 1.1    | 23.2                    | 8.45 | 5500               | 6400  | 0.569       |
| 2211                | 55           | 100 | 25 | 1.5    | 26.5                    | 9.9  | 5000               | 5800  | 0.787       |
| 2211K               | 55           | 100 | 25 | 1.5    | 26.5                    | 9.9  | 5000               | 5800  | 0.769       |

| Bearing Designation | Dimension□mm□ |     |    |        | Basic load ratings (kN) |      | Speed ratings(rpm) |      | Weight (Kg) |
|---------------------|---------------|-----|----|--------|-------------------------|------|--------------------|------|-------------|
|                     | d             | D   | B  | rs min | Cr                      | Cor  | Grease             | Oil  |             |
| 2212                | 60            | 110 | 28 | 1.5    | 34                      | 12.6 | 4600               | 5400 | 1.08        |
| 2212K               | 60            | 110 | 28 | 1.5    | 34                      | 12.6 | 4600               | 5400 | 1.06        |
| 2213                | 65            | 120 | 31 | 1.5    | 43.5                    | 16.4 | 4200               | 5000 | 1.44        |
| 2213K               | 65            | 120 | 31 | 1.5    | 43.5                    | 16.4 | 4200               | 5000 | 1.41        |
| 2214                | 70            | 125 | 31 | 1.5    | 44                      | 17.1 | 3900               | 4600 | 1.52        |
| 2215                | 75            | 130 | 31 | 1.5    | 44.5                    | 17.8 | 3700               | 4300 | 1.58        |
| 2215K               | 75            | 130 | 31 | 1.5    | 44.5                    | 17.8 | 3700               | 4300 | 1.54        |
| 2216                | 80            | 140 | 33 | 2      | 48.5                    | 19.9 | 3400               | 4000 | 1.99        |
| 2216K               | 80            | 140 | 33 | 2      | 48.5                    | 19.9 | 3400               | 4000 | 1.95        |
| 2217                | 85            | 150 | 36 | 2      | 58                      | 23.6 | 3200               | 3800 | 2.54        |
| 2217K               | 85            | 150 | 36 | 2      | 58                      | 23.6 | 3200               | 3800 | 2.49        |
| 2218                | 90            | 160 | 40 | 2      | 70                      | 28.7 | 3100               | 3600 | 3.19        |
| 2218K               | 90            | 160 | 40 | 2      | 70                      | 28.7 | 3100               | 3600 | 3.12        |
| 2219                | 95            | 170 | 43 | 2.1    | 83.5                    | 34.5 | 2900               | 3400 | 3.89        |
| 2219K               | 95            | 170 | 43 | 2.1    | 83.5                    | 34.5 | 2900               | 3400 | 3.8         |
| 2220                | 100           | 180 | 46 | 2.1    | 94                      | 38.5 | 2700               | 3200 | 4.65        |
| 2220K               | 100           | 180 | 46 | 2.1    | 94                      | 38.5 | 2700               | 3200 | 4.54        |
| 2221                | 105           | 190 | 50 | 2.1    | 109                     | 45   | 2600               | 3100 | 6.07        |
| 2222                | 110           | 200 | 53 | 2.1    | 124                     | 51.5 | 2500               | 2900 | 7.1         |
| 2222K               | 110           | 200 | 53 | 2.1    | 124                     | 51.5 | 2500               | 2900 | 6.94        |