

# 6200 series deep groove ball bearing

Deep Groove Ball Bearing

6200 series deep groove ball bearing



| Bearing Designation | Dimension□mm□ |     |    |        | Basic load ratings (kN) |      | Speed ratings(rpm) |       | Weight |
|---------------------|---------------|-----|----|--------|-------------------------|------|--------------------|-------|--------|
|                     | d             | D   | B  | rs min | Cr                      | Cor  | Grease             | Oil   | (Kg)   |
| 62/32               | 32            | 65  | 17 | 1      | 2110                    | 1190 | 11000              | 12000 | 0.226  |
| 62/28               | 28            | 58  | 16 | 1      | 1830                    | 995  | 12000              | 14000 | 0.171  |
| 62/22               | 22            | 50  | 14 | 1      | 1320                    | 690  | 14000              | 17000 | 0.117  |
| 6244                | 220           | 400 | 65 | 4      | 297                     | 365  | 15000              | 18000 | 30.2   |
| 6238                | 190           | 340 | 55 | 4      | 255                     | 281  | 18000              | 21000 | 18.2   |
| 6236                | 180           | 320 | 52 | 4      | 227                     | 241  | 19000              | 22000 | 15.1   |
| 6234                | 170           | 310 | 52 | 4      | 212                     | 223  | 20000              | 2400  | 14.5   |
| 6232                | 160           | 290 | 48 | 3      | 185                     | 186  | 2100               | 2500  | 11.7   |
| 6228                | 140           | 250 | 42 | 3      | 166                     | 150  | 2500               | 2900  | 7.57   |
| 6224                | 120           | 215 | 40 | 2.1    | 155                     | 131  | 2900               | 3400  | 5.15   |
| 6222                | 110           | 200 | 38 | 2.1    | 144                     | 117  | 3200               | 3800  | 4.36   |
| 6221                | 105           | 190 | 36 | 2.1    | 133                     | 105  | 3400               | 4000  | 3.7    |
| 6220                | 100           | 180 | 34 | 2.1    | 122                     | 93   | 3500               | 4200  | 3.14   |
| 6219                | 95            | 170 | 32 | 2.1    | 109                     | 82   | 3700               | 4400  | 2.62   |
| 6218                | 90            | 160 | 30 | 2      | 96                      | 71.5 | 4000               | 4700  | 2.15   |
| 6217                | 85            | 150 | 28 | 2      | 83.5                    | 64   | 4200               | 5000  | 1.79   |
| 6216                | 80            | 140 | 26 | 2      | 72.5                    | 53   | 4500               | 5300  | 1.4    |
| 6215                | 75            | 130 | 25 | 1.5    | 66                      | 49.5 | 4800               | 5600  | 1.18   |
| 6214                | 70            | 125 | 24 | 1.5    | 62                      | 44   | 5100               | 6000  | 1.07   |
| 6213                | 65            | 120 | 23 | 1.5    | 57.5                    | 40   | 5500               | 6500  | 0.99   |
| 6212                | 60            | 110 | 22 | 1.5    | 52.5                    | 36   | 6000               | 7000  | 0.783  |
| 6211                | 55            | 100 | 21 | 1.5    | 43.5                    | 29.2 | 6400               | 7600  | 0.601  |
| 6210                | 50            | 90  | 20 | 1.1    | 35                      | 23.2 | 7100               | 8300  | 0.454  |
| 6209                | 45            | 85  | 19 | 1.1    | 32.5                    | 20.4 | 7800               | 9200  | 0.398  |
| 6208                | 40            | 80  | 18 | 1.1    | 29.1                    | 17.8 | 8700               | 10000 | 0.366  |
| 6207                | 35            | 72  | 17 | 1.1    | 25.7                    | 15.3 | 9800               | 11000 | 0.288  |
| 6206                | 30            | 62  | 16 | 1      | 19.5                    | 11.3 | 11000              | 13000 | 0.199  |
| 6205                | 25            | 52  | 15 | 1      | 14                      | 7.85 | 13000              | 15000 | 0.128  |
| 6204                | 20            | 47  | 14 | 1      | 12.8                    | 6.65 | 16000              | 18000 | 0.106  |

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|      |    |    |    |     |      |      |       |       |       |
|------|----|----|----|-----|------|------|-------|-------|-------|
| 6203 | 17 | 40 | 12 | 0.6 | 9.6  | 4.6  | 18000 | 21000 | 0.066 |
| 6202 | 15 | 35 | 11 | 0.6 | 7.75 | 3.6  | 19000 | 23000 | 0.045 |
| 6201 | 12 | 32 | 10 | 0.6 | 6.1  | 2.75 | 22000 | 26000 | 0.037 |
| 6200 | 10 | 30 | 9  | 0.6 | 5.1  | 2.39 | 25000 | 30000 | 0.032 |