

## 2300 Series self aligning ball bearing

Self Aligning Ball Bearing

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| Bearing Designation | Dimension [mm] |     |    |        | Basic load ratings (kN) |      | Speed ratings(rpm) |       | Weight |
|---------------------|----------------|-----|----|--------|-------------------------|------|--------------------|-------|--------|
|                     | d              | D   | B  | rs min | Cr                      | Cor  | Grease             | Oil   | (Kg)   |
| 2304K               | 20             | 52  | 21 | 1.1    | 18.1                    | 4.7  | 10000              | 12000 | 0.201  |
| 2304                | 20             | 52  | 21 | 1.1    | 18.1                    | 4.7  | 10000              | 12000 | 0.206  |
| 2303                | 17             | 47  | 19 | 1      | 14.4                    | 3.55 | 11000              | 14000 | 0.156  |
| 2302                | 15             | 42  | 17 | 1      | 12                      | 2.9  | 13000              | 15000 | 0.114  |
| 2301                | 12             | 37  | 17 | 1      | 11.8                    | 2.71 | 15000              | 17000 | 0.091  |
| 2300                | 10             | 35  | 17 | 0.6    | 10.1                    | 2.15 | 17000              | 20000 | 0.083  |
| 2305                | 25             | 62  | 24 | 1.1    | 24.4                    | 6.6  | 8500               | 10000 | 0.334  |
| 2305K               | 25             | 62  | 24 | 1.1    | 24.4                    | 6.6  | 8500               | 10000 | 0.326  |
| 2306                | 30             | 72  | 27 | 1.1    | 31.5                    | 8.75 | 7200               | 8500  | 0.496  |
| 2306K               | 30             | 72  | 27 | 1.1    | 31.5                    | 8.75 | 7200               | 8500  | 0.485  |
| 2307                | 35             | 80  | 31 | 1.5    | 39.5                    | 11.3 | 6300               | 7400  | 0.671  |
| 2307K               | 35             | 80  | 31 | 1.5    | 39.5                    | 11.3 | 6300               | 7400  | 0.653  |
| 2308                | 40             | 90  | 33 | 1.5    | 45                      | 13.5 | 5600               | 6600  | 0.918  |
| 2308K               | 40             | 90  | 33 | 1.5    | 45                      | 13.5 | 5600               | 6600  | 0.895  |
| 2309                | 45             | 100 | 36 | 1.5    | 54                      | 16.7 | 5000               | 5900  | 1.23   |
| 2309K               | 45             | 100 | 36 | 1.5    | 54                      | 16.7 | 5000               | 5900  | 1.2    |
| 2310                | 50             | 110 | 40 | 2      | 64.5                    | 20.2 | 4600               | 5400  | 1.63   |
| 2310K               | 50             | 110 | 40 | 2      | 64.5                    | 20.2 | 4600               | 5400  | 1.59   |
| 2311                | 55             | 120 | 43 | 2      | 75.5                    | 24   | 4200               | 4900  | 2.1    |
| 2311K               | 55             | 120 | 43 | 2      | 75.5                    | 24   | 4200               | 4900  | 2.05   |
| 2312                | 60             | 130 | 46 | 2.1    | 87                      | 28.2 | 3800               | 4500  | 2.59   |
| 2312K               | 60             | 130 | 46 | 2.1    | 87                      | 28.2 | 3800               | 4500  | 2.52   |
| 2313                | 65             | 140 | 48 | 2.1    | 96                      | 32.5 | 3600               | 4200  | 3.2    |
| 2313K               | 65             | 140 | 48 | 2.1    | 96                      | 32.5 | 3600               | 4200  | 3.12   |
| 2314                | 70             | 150 | 51 | 2.1    | 109                     | 37.5 | 3300               | 3900  | 3.92   |
| 2315                | 75             | 160 | 55 | 2.1    | 123                     | 43   | 3100               | 3600  | 4.78   |
| 2315K               | 75             | 160 | 55 | 2.1    | 123                     | 43   | 3100               | 3600  | 4.66   |
| 2316                | 80             | 170 | 58 | 2.1    | 128                     | 45   | 2900               | 3400  | 5.65   |
| 2316K               | 80             | 170 | 58 | 2.1    | 128                     | 45   | 2900               | 3400  | 5.51   |

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|       |     |     |    |   |     |      |      |      |      |
|-------|-----|-----|----|---|-----|------|------|------|------|
| 2317  | 85  | 180 | 60 | 3 | 140 | 51.5 | 2700 | 3200 | 6.55 |
| 2317K | 85  | 180 | 60 | 3 | 140 | 51.5 | 2700 | 3200 | 6.39 |
| 2318  | 90  | 190 | 64 | 3 | 152 | 57.5 | 2600 | 3000 | 7.75 |
| 2318K | 90  | 190 | 64 | 3 | 152 | 57.5 | 2600 | 3000 | 7.56 |
| 2319  | 95  | 200 | 67 | 3 | 165 | 64.5 | 2400 | 2800 | 9.05 |
| 2319K | 95  | 200 | 67 | 3 | 165 | 64.5 | 2400 | 2800 | 8.83 |
| 2320  | 100 | 215 | 73 | 3 | 192 | 79   | 2300 | 2700 | 11.5 |
| 2320K | 100 | 215 | 73 | 3 | 192 | 79   | 2300 | 2700 | 11.2 |
| 2321  | 105 | 225 | 77 | 3 | 205 | 87   | 2200 | 2600 | 13.2 |
| 2322  | 110 | 240 | 80 | 3 | 217 | 94.5 | 2100 | 2400 | 15.8 |
| 2322K | 110 | 240 | 80 | 3 | 217 | 94.5 | 2100 | 2400 | 15.4 |