

# Ball Bearing Inserts

## SER 200 Silver Series

Set Screw Lock

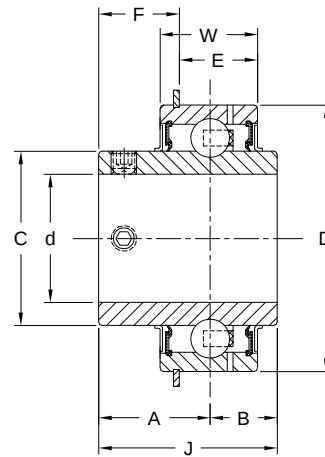
Normal Duty

Metric and Inch Bores

OD Snap Ring

Wide Inner Ring

Steel Retainer



| Part No.    | Shaft Size<br>d |         | Dimensions (mm)<br>(in) |      |      |       |       |       |       |      |      | Load Ratings                     |                                   | Max<br>rpm | Wt.<br>kg |
|-------------|-----------------|---------|-------------------------|------|------|-------|-------|-------|-------|------|------|----------------------------------|-----------------------------------|------------|-----------|
|             | mm              | in      | A                       | B    | C    | D     | E     | F     | G     | J    | W    | Dynamic<br>C <sub>N</sub><br>lbf | Static<br>C <sub>0</sub> N<br>lbf |            |           |
| SER201-12MM | 12              |         | 19.5                    | 11.5 | 28.3 | 47    | 12.06 | 15.08 | 52.7  | 31   | 15.9 | 12800                            | 6600                              | 8800       | 0.3       |
| SER202-15MM | 15              |         |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER203-17MM | 17              |         |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER201-8    |                 | 1/2     | 0.77                    | 0.45 | 1.11 | 1.850 | 0.47  | 0.59  | 2.07  | 1.22 | 0.63 | 2900                             | 2500                              |            |           |
| SER202-10   |                 | 5/8     |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER203-11   |                 | 11/16   |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER204-20MM | 20              |         | 19.5                    | 11.5 | 28.3 | 47    | 12.06 | 15.08 | 52.7  | 31   | 15.9 | 12800                            | 6600                              | 7450       | 0.3       |
| SER204-12   |                 | 3/4     | 0.77                    | 0.45 | 1.11 | 1.850 | 0.47  | 0.59  | 2.07  | 1.22 | 0.63 | 2900                             | 2500                              |            |           |
| SER205-25MM | 25              |         | 21.8                    | 13.1 | 34.0 | 52    | 15.29 | 15.78 | 57.9  | 34.9 | 19.1 | 13810                            | 7700                              | 6250       | 0.3       |
| SER205-14   |                 | 7/8     | 0.86                    | 0.52 | 1.34 | 2.047 | 0.60  | 0.62  | 2.28  | 1.37 | 0.75 | 3140                             | 1750                              |            |           |
| SER205-15   |                 | 15/16   |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER205-16   |                 | 1       |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER206-30MM | 30              |         | 22.2                    | 15.9 | 40.3 | 62    | 17.02 | 15.93 | 67.7  | 38.1 | 22.2 | 18920                            | 11000                             | 5300       | 0.4       |
| SER206-18   |                 | 1-1/8   | 0.87                    | 0.63 | 1.59 | 2.441 | 0.67  | 0.63  | 2.67  | 1.50 | 0.87 | 4300                             | 2500                              |            |           |
| SER206-19   |                 | 1-3/16  |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER206-20   |                 | 1-1/4   |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER207-35MM | 35              |         | 25.4                    | 17.5 | 46.9 | 72    | 18.62 | 18.32 | 78.6  | 42.9 | 23.8 | 25430                            | 15130                             | 4500       | 0.5       |
| SER207-20   |                 | 1-1/4   | 1.0                     | 0.69 | 1.85 | 2.835 | 0.73  | 0.72  | 3.09  | 1.69 | 0.94 | 5780                             | 3440                              |            |           |
| SER207-22   |                 | 1-3/8   |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER207-23   |                 | 1-7/16  |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER208-40MM | 40              |         | 30.2                    | 19   | 52.4 | 80    | 22.62 | 21.1  | 86.6  | 49.2 | 27.8 | 32030                            | 19580                             | 4000       | 0.7       |
| SER208-24   |                 | 1-1/2   | 1.19                    | 0.75 | 2.06 | 3.150 | 0.89  | 0.83  | 3.41  | 1.94 | 1.09 | 7820                             | 4450                              |            |           |
| SER209-45MM | 45              |         | 30.2                    | 19   | 57.4 | 85    | 22.62 | 21.1  | 91.6  | 49.2 | 27.8 | 32500                            | 20280                             | 3700       | 0.8       |
| SER209-26   |                 | 1-5/8   | 1.19                    | 0.75 | 2.26 | 3.347 | 0.89  | 0.83  | 3.61  | 1.94 | 1.09 | 7390                             | 4610                              |            |           |
| SER209-27   |                 | 1-11/16 |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER209-28   |                 | 1-3/4   |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER210-50MM | 50              |         | 32.6                    | 19   | 61.8 | 90    | 22.62 | 23.84 | 96.5  | 51.6 | 28.6 | 35000                            | 22830                             | 3400       | 0.9       |
| SER210-30   |                 | 1-7/8   | 1.28                    | 0.75 | 2.43 | 3.543 | 0.89  | 0.94  | 3.80  | 2.03 | 1.13 | 7900                             | 5190                              |            |           |
| SER210-31   |                 | 1-15/16 |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER210-32   |                 | 2       |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER211-55MM | 55              |         | 33.4                    | 22.2 | 68.7 | 100   | 24.22 | 23.84 | 106.5 | 55.6 | 30.2 | 43030                            | 28950                             | 3100       | 1.2       |
| SER211-32   |                 | 2       | 1.31                    | 0.87 | 2.70 | 3.937 | 0.95  | 0.94  | 4.19  | 2.19 | 1.19 | 9780                             | 6580                              |            |           |
| SER211-34   |                 | 2-1/8   |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER211-35   |                 | 2-3/16  |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER212-60MM | 60              |         | 39.7                    | 25.4 | 75.7 | 110   | 25.82 | 29.4  | 116.6 | 65.1 | 31.8 | 52000                            | 35590                             | 2800       | 1.6       |
| SER212-36   |                 | 2-1/4   | 1.56                    | 1.00 | 2.98 | 4.337 | 1.02  | 1.16  | 4.59  | 2.56 | 1.25 | 11800                            | 8090                              |            |           |
| SER212-38   |                 | 2-3/8   |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |
| SER212-39   |                 | 2-7/16  |                         |      |      |       |       |       |       |      |      |                                  |                                   |            |           |