

# Stainless Steel Ball Bearing Inserts



## SUC 200 PTI Series

**Stainless Steel Normal Duty Bearing**

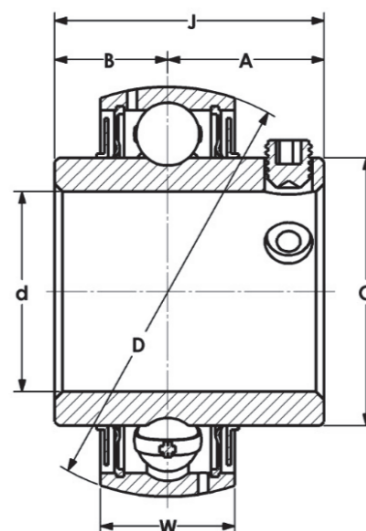
**Set Screw Lock**

**Metric and Inch Bores**

**Wide Inner Ring**



Triple Lip seal option (L3)



Bearing Insert:

Inner & Outer Race: AISI 440C Stainless

Cage: AISI 302 Stainless

Balls: AISI 400C Stainless

Seals: Rubber & AISI 302 Stainless

Set Screws: AISI 302 Stainless

Grease: Mobil FM222, USDA H-1

| Part No.    | Shaft Size<br>d |         | Dimensions (mm)<br>(in) |      |      |        |      |       | Basic Load<br>Rating<br>CN<br>lbf | Basic Static<br>Load Rating<br>C <sub>0</sub><br>lbf | Max<br>rpm | Wt.<br>kg |
|-------------|-----------------|---------|-------------------------|------|------|--------|------|-------|-----------------------------------|------------------------------------------------------|------------|-----------|
|             | mm              | in      | A                       | B    | C    | D      | J    | W     |                                   |                                                      |            |           |
| SUC204-20MM | 20              |         | 18.3                    | 12.7 | 28.5 | 47     | 31   | 17    | 10560                             | 5190                                                 |            |           |
| SUC201-8    |                 | 1/2     | 0.72                    | 0.5  | 1.12 | 1.8504 | 1.22 | 0.669 | 2400                              | 1180                                                 | 7450       | 0.2       |
| SUC202-10   |                 | 5/8     |                         |      |      |        |      |       |                                   |                                                      |            |           |
| SUC204-12   |                 | 3/4     |                         |      |      |        |      |       |                                   |                                                      |            |           |
| SUC205-25MM | 25              |         | 19.8                    | 14.3 | 34   | 52     | 34.1 | 17    | 11440                             | 6290                                                 |            |           |
| SUC205-14   |                 | 7/8     | 0.78                    | 0.56 | 1.34 | 2.0472 | 1.34 | 0.669 | 2600                              | 1430                                                 | 6250       | 0.2       |
| SUC205-15   |                 | 15/16   |                         |      |      |        |      |       |                                   |                                                      |            |           |
| SUC205-16   |                 | 1       |                         |      |      |        |      |       |                                   |                                                      |            |           |
| SUC206-30MM | 30              |         | 22.2                    | 15.9 | 40   | 62     | 38.1 | 19    | 16280                             | 8900                                                 |            |           |
| SUC206-18   |                 | 1-1/8   | 0.87                    | 0.63 | 1.57 | 2.4409 | 1.5  | 0.748 | 3700                              | 2030                                                 | 5300       | 0.3       |
| SUC206-19   |                 | 1-3/16  |                         |      |      |        |      |       |                                   |                                                      |            |           |
| SUC206-20   |                 | 1-1/4   |                         |      |      |        |      |       |                                   |                                                      |            |           |
| SUC207-35MM | 35              |         | 25.4                    | 17.5 | 46.7 | 72     | 42.9 | 20    | 21340                             | 12320                                                |            |           |
| SUC207-20   |                 | 1-1/4   | 1.0                     | 0.69 | 1.84 | 2.8346 | 1.69 | 0.787 | 4850                              | 2800                                                 | 4500       | 0.5       |
| SUC207-22   |                 | 1-3/8   |                         |      |      |        |      |       |                                   |                                                      |            |           |
| SUC207-23   |                 | 1-7/16  |                         |      |      |        |      |       |                                   |                                                      |            |           |
| SUC208-40MM | 40              |         | 30.2                    | 19   | 52.7 | 80     | 49.2 | 21    | 24640                             | 14080                                                |            |           |
| SUC208-24   |                 | 1-1/2   | 1.19                    | 0.75 | 2.07 | 3.1496 | 1.94 | 0.827 | 5600                              | 3200                                                 | 4000       | 0.7       |
| SUC209-45MM | 45              |         | 30.2                    | 19   | 57.3 | 85     | 49.2 | 22    | 27280                             | 15840                                                |            |           |
| SUC209-27   |                 | 1-11/16 | 1.19                    | 0.75 | 2.26 | 3.3465 | 1.94 | 0.866 | 6200                              | 3600                                                 | 3700       | 0.7       |
| SUC209-28   |                 | 1-3/4   |                         |      |      |        |      |       |                                   |                                                      |            |           |
| SUC210-50MM | 50              |         | 32.6                    | 19   | 62.2 | 90     | 51.6 | 24    | 29920                             | 18500                                                |            |           |
| SUC210-31   |                 | 1-15/16 | 1.28                    | 0.75 | 2.45 | 3.5433 | 2.03 | 0.945 | 6800                              | 4200                                                 | 3400       | 0.8       |
| SUC210-32   |                 | 2       |                         |      |      |        |      |       |                                   |                                                      |            |           |
| SUC211-55MM | 55              |         | 33.4                    | 22.2 | 68.8 | 100    | 55.6 | 25    | 32560                             | 24640                                                |            |           |
| SUC211-32   |                 | 2       | 1.31                    | 0.87 | 2.71 | 3.94   | 2.19 | 0.984 | 7400                              | 5600                                                 | 3100       | 1.1       |
| SUC211-35   |                 | 2-3/16  |                         |      |      |        |      |       |                                   |                                                      |            |           |
| SUC212-60MM | 60              |         | 39.7                    | 25.4 | 75.4 | 110    | 65.1 | 27    | 39600                             | 30360                                                |            |           |
| SUC212-39   |                 | 2-7/16  | 1.56                    | 1.00 | 2.97 | 4.3307 | 2.56 | 1.063 | 9000                              | 6900                                                 | 2800       | 1.5       |
| SUC215-47   | —               | 2-15/16 | 1.75                    | 1.31 | 3.62 | 5.1181 | 3.06 | 1.26  | 48400                             | 40700                                                | 2300       | 2.2       |
| SUC215-48   | —               | 3       |                         |      |      |        |      |       | 11000                             | 9250                                                 |            |           |

Note: Larger sizes possible. Consult PTI.