



## Setscrew Ball Bearings

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# FEATURES/BENEFITS

**DODGE®**


## Setscrew Ball Bearings

For over 70 years, DODGE has been talking to mounted bearing users and listening to their needs. This experience lead to the design of the optimum mounted ball bearing. A state-of-the-art facility was built in Rogersville, Tennessee, to manufacture the new DODGE design.

The result is the DODGE SC/SCM VSC/SL line. it is the most current design setscrew mounted ball bearing on the market and provides the user unmatched quality and true total value.

- Light Duty Narrow Inner Ring (SL)
- Intermediate Duty Narrow Inner Ring (VSC)
- Normal Duty Wide Inner Ring (SC)
- Medium Duty Wide Inner Ring (SCM)
- Wide Variety of Housing Configurations
- Available in 1/2 to 3-1/2 (17 to 90mm) Bore Sizes
- Seal Options:
  - Flingers on SC/SCM (flingers are standard on E-Z KLEEN® nickel plated and Screw Conveyor Hanger Bearings)
  - Low friction labyrinth on SC/SCM
- Other Options:
  - Corrosion resistant inserts for SC/SCM, E-Z KLEEN and nickel plate
  - FDA/USDA lubricant and other special lubricants
  - High temperature SC/SCM designed for temperatures from 225°F to 400°F. Factory assembled to order.

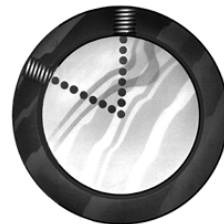
For application assistance, contact  
DODGE Engineering  
Phone 864-281-2195  
Fax 864-281-2317

### DODGE End Covers

Available from stock to fit SC, SCM and VSC mounted units, these end covers are designed for added protection from contaminants as well as for OSHA requirements. Covers are OSHA yellow.



### Superior Locking Forces



The DODGE SC/SCM/VSC/SL line uses 65° design which offers an optimum balance between locking force and inner ring stress.

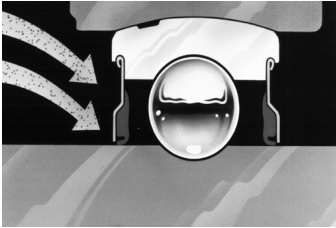


# FEATURES/BENEFITS



## Setscrew Ball Bearings

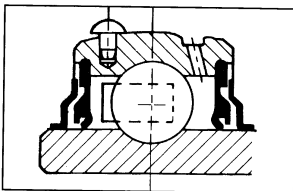
### The DODGE PROGUARD™ Seal



PROGUARD positive contact, low drag rubber seal

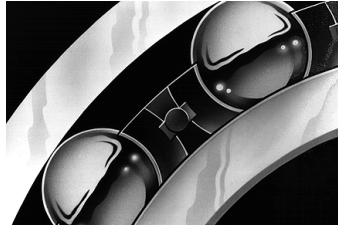
DODGE SC/SCM/SSC/SL mounted ball bearings use the field proven PROGUARD land-riding contact seal with steel shield protection. This highly effective positive seal design assures uniform lip contact with the inner ring to seal out contaminants and seal in lubricants.

### DODGE PROGUARD PLUS SEAL



On SC/SCM optional flingers can be added to form a tight labyrinth with the PROGUARD seal and provide additional seal protection against contaminants and trash.

### Stronger, More Flexible Cage



Reinforced, stabilized nylon cage

The ball cage is made of heat stabilized nylon with 33% fill short fiberglass reinforcement for added strength. The nylon material provides a natural lubricity for longer life. Fiberglass reinforcement allows higher operating temperatures than plain nylon, yet is more resistant to fatigue than metallic cages. Short fiberglass allows greater flexibility than steel or normal fiberglass, especially under misalignment. That means longer life in mounted bearings where some degree of misalignment is unavoidably encountered.

### Anti-Rotation Pin (SC/SCM)

An anti-rotation pin prevents rotation of the outer race within the housing. Simple and effective, it makes system inserts easier to replace. There is no need to remove and replace grease fittings, location pins or other devices.



Simplified Anti-rotation device

### DODGE E-Z KLEEN Ball Bearings

Available with Polymer and stainless steel housing, with corrosion resistant bearing inserts. These features make the SC ball bearing uniquely suited for the food, chemical and processing industries.



# HOW TO ORDER/ NOMENCLATURE



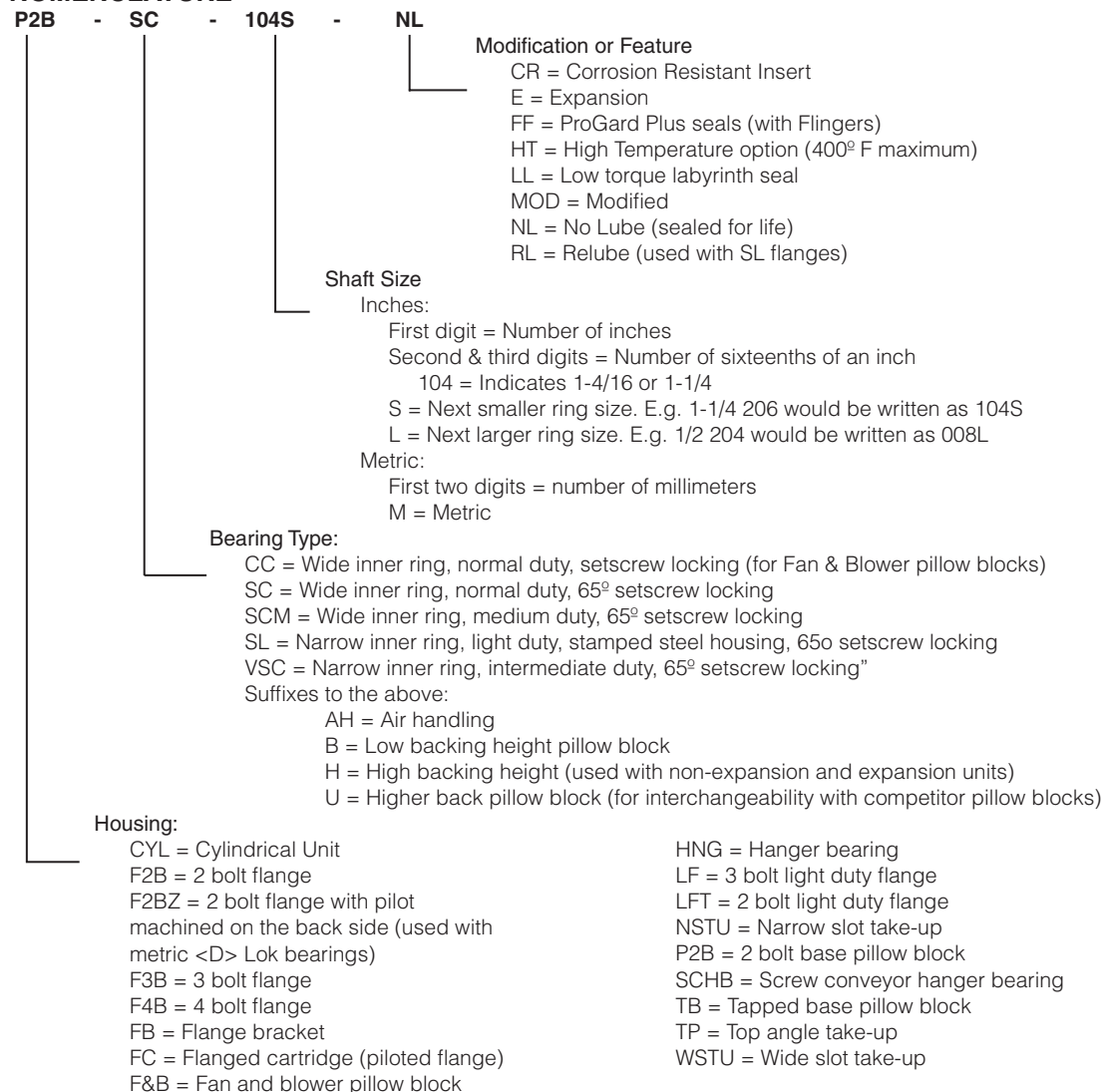
## Setscrew Ball Bearings

### HOW TO ORDER

There are two ways to specify DODGE Bearings. Most of the product offering have part numbers with listings shown throughout this catalog. Use of part numbers ensures accurate ordering processing.

When part numbers are not shown, the product may be specified by description or part name. This method is used when ordering units that include modifications or options. To order by description, use the nomenclature key shown below and add any special instructions to the end of the description for options not covered by the nomenclature.

### NOMENCLATURE



|                                |                        |                                    |                                         |
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## Setscrew Ball Bearings

DODGE mounted ball bearings are primarily designed for radial loading. However, they have the capacity to carry thrust loads and combined radial/thrust loads. The maximum recommended load which can be applied is limited by various components in the system, such as bearing, housing, shaft attachments, speed and life requirements. DODGE mounted ball bearings have been applied successfully when these limits have been exceeded under controlled operating conditions. Contact DODGE Engineering for applications which exceed these recommendations.

Select a bearing from the Selection Chart that has a radial load rating at the operating speed equal to or greater than the calculated Equivalent Radial load for a desired  $L_{10}$  life. This simple method is all that is required for the majority of general applications and provides for occasional average shock loads.

**$L_{10}$  Hours Life**-is the life which may be expected for at least 90% of a given group of bearings operating under identical conditions. For an  $L_{10}$  hours life other than those listed in the Selection Chart, multiply the equivalent Radial load by one of the following factors. For 50,000  $L_{10}$  hours life, use a factor of 1.18 and for 80,000, use 1.39. Then select a bearing from the bold face (30,000)  $L_{10}$  ratings only in the Selection Chart that has a rating equal to or greater than this value.

**Heavy Service**-For heavy shock loads, frequent shock loads or severe vibrations, add up to 50% (according to severity of conditions) to the Equivalent Radial Load to obtain a Modified Equivalent Radial Load. Consult Application Engineering for additional selection assistance.

A thrust load value of  $C/10$  is recommended as a guide for general applications and will give adequate  $L_{10}$  life. Where substantial radial load pulls the housing away from the mounting base, both the hold-down bolts and housing must be of adequate strength. Auxiliary load carrying devices, such as shear bars, are advisable for side or end-loading of pillow blocks and radial loads for flange units.

To determine the  $L_{10}$  hours life for loads and RPM's not listed use the following equation:

$$L_{10} = \left(\frac{C}{P}\right)^3 \times \frac{16667}{\text{RPM}}$$

Where:

$L_{10}$  = Life, hours

C = Dynamic Capacity, lbs. or N

P = Equivalent Radial Load, lbs. or N

When the load on a ball bearing is solely a radial load with no thrust (axial) load, the Equivalent Radial Load (P) is equal to the actual radial load. However, when a thrust (axial) load is applied, the radial and thrust loads applied must be converted into an Equivalent Radial Load. The use of the X (radial factor) and Y (thrust factor) from Table 1 convert the actual applied thrust and radial loads to an Equivalent Radial Load which has the same effect on the life of a bearing as a radial load of this magnitude.

$$P = (X \times F_R) + (Y \times F_A)$$

Where:

P = Equivalent Radial Load, lbs.

$F_R$  = Radial load, lbs.

$F_A$  = Thrust load, lbs.

e = Thrust load to radial load factor (Table 1)

X = Radial load factor (Table 1)

Y = Thrust Factor (Table 1)

$C_O$  = Basic static capacity

To find X and Y, first calculate  $F_A/C_O$  to determine e. Calculate  $F_A/F_R$  and compare to e to determine the X and Y factors to use from Table 1.

Substitute all known values into the Equivalent Radial Load equation. The Equivalent Radial loads (P) thus determined can be used in the  $L_{10}$  life formula or compared to the allowable Equivalent Radial Load rating desired in the expanded rating chart to select a bearing (Table 2).

If calculated value of P is less than  $F_R$ , use  $P = F_R$ .

| $F_A$<br>$C_O$ | e   | Radial/Thrust Factors                   |   |                                |      |
|----------------|-----|-----------------------------------------|---|--------------------------------|------|
|                |     | If $F_A/F_R$ is equal to or less than e |   | If $F_A/F_R$ is greater than e |      |
|                |     | $F_A/F_R \leq e$                        |   | $F_A/F_R > e$                  |      |
|                |     | X                                       | Y | X                              | Y    |
| .014           | .19 | 1                                       | 0 | 0.56                           | 2.30 |
| .021           | .21 | 1                                       | 0 | 0.56                           | 2.15 |
| .028           | .22 | 1                                       | 0 | 0.56                           | 1.99 |
| .042           | .24 | 1                                       | 0 | 0.56                           | 1.85 |
| .056           | .26 | 1                                       | 0 | 0.56                           | 1.71 |
| .070           | .27 | 1                                       | 0 | 0.56                           | 1.63 |
| .084           | .28 | 1                                       | 0 | 0.56                           | 1.55 |
| .110           | .30 | 1                                       | 0 | 0.56                           | 1.45 |
| .170           | .34 | 1                                       | 0 | 0.56                           | 1.31 |
| .280           | .38 | 1                                       | 0 | 0.56                           | 1.15 |
| .420           | .42 | 1                                       | 0 | 0.56                           | 1.04 |
| .560           | .44 | 1                                       | 0 | 0.56                           | 1.00 |

**Lubrication**-DODGE Ball Bearings are lubricated at the factory and are ready to run. The bearings are initially lubricated with Shell Alvania #2 and should be relubricated with the same or some equivalent. For high speeds, high loads, extreme temperatures and other abnormal operating conditions, special greases may be required. Contact DODGE Application Engineering for recommendations on these types of applications.

**Misalignment**-DODGE Ball Bearings are designed to allow a maximum of  $\pm 2^\circ$  static misalignment. These bearings are not suitable for dynamic misalignment. To ensure good alignment, mounting surfaces must be checked for flatness and must lie in the same plane. When tightening base bolts, each bolt should be alternately tightened in incremental torque values until full torque is achieved to prevent the angular shifting of the pillow block that occurs when one bolt is tightened to its full torque. Shimming may be required to minimize misalignment.

| Shaft Tolerances         |                                    |                                                             |
|--------------------------|------------------------------------|-------------------------------------------------------------|
| Normal Shaft Size Inches | Commercial Shaft Tolerances Inches | Recommended Shaft Tolerances Set Screw Ball Bearings Inches |
| Up to 1-1/2"             | +0.000 -0.002                      | +0.0000 -0.0005                                             |
| Over 1-1/2" to 2-1/2"    | +0.000 -0.003                      | +0.0000 -0.0010                                             |
| Over 2-1/2" to 4"        | +0.000 -0.004                      | +0.0000 -0.0010                                             |

|                                |                           |                                    |                                         |
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# SELECTION



## Setscrew Ball Bearings - Inch

Table 2: Easy Selection Table For Ball Bearing Mounted Units

| RING-SIZE | SHAFT SIZE                         |                   | DYNAMIC CAPACITY C, Lbs. | STATIC CAPACITY Co, Lbs. | L10 LIFE-HOURS | ALLOWABLE EQUIVALENT RADIAL LOAD RATING (LBS.) AT VARIOUS RPM* |      |      |      |      |      |      |      |      |  |
|-----------|------------------------------------|-------------------|--------------------------|--------------------------|----------------|----------------------------------------------------------------|------|------|------|------|------|------|------|------|--|
|           | SC, VSC, SL, CC                    | SCM               |                          |                          |                | 50                                                             | 150  | 250  | 500  | 750  | 1000 | 1500 | 1750 | 2000 |  |
| 203       | 1/2<br>5/8                         |                   | 2158                     | 1000                     | 20000          | 550                                                            | 380  | 320  | 255  | 225  | 205  | 175  | 170  | 160  |  |
|           |                                    |                   |                          |                          | 30000          | 480                                                            | 335  | 280  | 225  | 195  | 175  | 155  | 145  | 140  |  |
|           |                                    |                   |                          |                          | 40000          | 440                                                            | 305  | 255  | 205  | 175  | 160  | 140  | 135  | 130  |  |
|           |                                    |                   |                          |                          | 60000          | 380                                                            | 265  | 225  | 175  | 155  | 140  | 125  | 115  | 110  |  |
|           |                                    |                   |                          |                          | 100000         | 320                                                            | 225  | 190  | 150  | 130  | 120  | 105  | 100  | 95   |  |
| 204       | 1/2<br>5/8<br>3/4<br>13/16         |                   | 2899                     | 1390                     | 20000          | 740                                                            | 515  | 435  | 345  | 300  | 275  | 240  | 225  | 215  |  |
|           |                                    |                   |                          |                          | 30000          | 645                                                            | 450  | 380  | 300  | 260  | 240  | 210  | 200  | 190  |  |
|           |                                    |                   |                          |                          | 40000          | 590                                                            | 410  | 345  | 275  | 240  | 215  | 190  | 180  | 170  |  |
|           |                                    |                   |                          |                          | 60000          | 515                                                            | 355  | 300  | 240  | 210  | 190  | 165  | 155  | 150  |  |
|           |                                    |                   |                          |                          | 100000         | 435                                                            | 300  | 255  | 200  | 175  | 160  | 140  | 130  | 125  |  |
| 205       | 7/8<br>15/16<br>1                  |                   | 3146                     | 1565                     | 20000          | 805                                                            | 560  | 470  | 375  | 325  | 295  | 260  | 245  | 235  |  |
|           |                                    |                   |                          |                          | 30000          | 705                                                            | 485  | 410  | 325  | 285  | 260  | 225  | 215  | 205  |  |
|           |                                    |                   |                          |                          | 40000          | 640                                                            | 445  | 375  | 295  | 260  | 235  | 205  | 195  | 185  |  |
|           |                                    |                   |                          |                          | 60000          | 560                                                            | 385  | 325  | 260  | 225  | 205  | 180  | 170  | 165  |  |
|           |                                    |                   |                          |                          | 100000         | 470                                                            | 325  | 275  | 220  | 190  | 175  | 150  | 145  | 135  |  |
| 206       | 1-1/16<br>1-1/8<br>1-3/16<br>1-1/4 | 1                 | 4368                     | 2250                     | 20000          | 1115                                                           | 775  | 655  | 520  | 455  | 410  | 360  | 340  | 325  |  |
|           |                                    |                   |                          |                          | 30000          | 975                                                            | 675  | 570  | 455  | 395  | 360  | 315  | 300  | 285  |  |
|           |                                    |                   |                          |                          | 40000          | 885                                                            | 615  | 520  | 410  | 360  | 325  | 285  | 270  | 260  |  |
|           |                                    |                   |                          |                          | 60000          | 775                                                            | 535  | 455  | 360  | 315  | 285  | 250  | 235  | 225  |  |
|           |                                    |                   |                          |                          | 100000         | 655                                                            | 455  | 380  | 305  | 265  | 240  | 210  | 200  | 190  |  |
| 207       | 1-1/4<br>1-5/16<br>1-3/8<br>1-7/16 | 1-3/16<br>1-1/4   | 5759                     | 3065                     | 20000          | 1475                                                           | 1020 | 860  | 685  | 595  | 545  | 475  | 450  | 430  |  |
|           |                                    |                   |                          |                          | 30000          | 1285                                                           | 890  | 755  | 595  | 520  | 475  | 415  | 395  | 375  |  |
|           |                                    |                   |                          |                          | 40000          | 1170                                                           | 810  | 685  | 545  | 475  | 430  | 375  | 355  | 340  |  |
|           |                                    |                   |                          |                          | 60000          | 1020                                                           | 710  | 595  | 475  | 415  | 375  | 330  | 310  | 300  |  |
|           |                                    |                   |                          |                          | 100000         | 860                                                            | 595  | 505  | 400  | 350  | 315  | 275  | 265  | 250  |  |
| 208       | 1-1/2<br>1-5/8                     | 1-7/16<br>1-1/2** | 7332                     | 4005                     | 20000          | 1875                                                           | 1300 | 1095 | 870  | 760  | 690  | 605  | 575  | 550  |  |
|           |                                    |                   |                          |                          | 30000          | 1640                                                           | 1135 | 960  | 760  | 665  | 605  | 525  | 500  | 480  |  |
|           |                                    |                   |                          |                          | 40000          | 1490                                                           | 1030 | 870  | 690  | 605  | 550  | 480  | 455  | 435  |  |
|           |                                    |                   |                          |                          | 60000          | 1300                                                           | 900  | 760  | 605  | 525  | 480  | 420  | 400  | 380  |  |
|           |                                    |                   |                          |                          | 100000         | 1095                                                           | 760  | 640  | 510  | 445  | 405  | 355  | 335  | 320  |  |
| 209       | 1-5/8<br>1-11/16<br>1-3/4          | 1-1/2             | 7891                     | 4450                     | 20000          | 2020                                                           | 1400 | 1180 | 935  | 820  | 745  | 650  | 615  | 590  |  |
|           |                                    |                   |                          |                          | 30000          | 1765                                                           | 1225 | 1030 | 820  | 715  | 650  | 570  | 540  | 515  |  |
|           |                                    |                   |                          |                          | 40000          | 1600                                                           | 1110 | 935  | 745  | 650  | 590  | 515  | 490  | 470  |  |
|           |                                    |                   |                          |                          | 60000          | 1400                                                           | 970  | 820  | 650  | 570  | 515  | 450  | 430  | 410  |  |
|           |                                    |                   |                          |                          | 100000         | 1180                                                           | 820  | 690  | 550  | 480  | 435  | 380  | 360  | 345  |  |
| 210       | 1-15/16<br>2                       | 1-11/16<br>1-3/4  | 7891                     | 4450                     | 20000          | 2020                                                           | 1400 | 1180 | 935  | 820  | 745  | 650  | 615  | 590  |  |
|           |                                    |                   |                          |                          | 30000          | 1765                                                           | 1225 | 1030 | 820  | 715  | 650  | 570  | 540  | 515  |  |
|           |                                    |                   |                          |                          | 40000          | 1600                                                           | 1110 | 935  | 745  | 650  | 590  | 515  | 490  | 470  |  |
|           |                                    |                   |                          |                          | 60000          | 1400                                                           | 970  | 820  | 650  | 570  | 515  | 450  | 430  | 410  |  |
|           |                                    |                   |                          |                          | 100000         | 1180                                                           | 820  | 690  | 550  | 480  | 435  | 380  | 360  | 345  |  |
| 211       | 2<br>2-3/16<br>2-1/4               | 1-15/16<br>2      | 9755                     | 5630                     | 20000          | 2491                                                           | 1727 | 1457 | 1156 | 1010 | 918  | 802  | 761  | 729  |  |
|           |                                    |                   |                          |                          | 30000          | 2176                                                           | 1509 | 1272 | 1010 | 882  | 802  | 700  | 665  | 636  |  |
|           |                                    |                   |                          |                          | 40000          | 1977                                                           | 1371 | 1156 | 918  | 802  | 728  | 636  | 604  | 578  |  |
|           |                                    |                   |                          |                          | 60000          | 1727                                                           | 1197 | 1010 | 802  | 700  | 636  | 556  | 528  | 505  |  |
|           |                                    |                   |                          |                          | 100000         | 1457                                                           | 1010 | 852  | 676  | 591  | 537  | 469  | 445  | 426  |  |
| 212       | 2-1/4<br>2-7/16                    | 2-3/16<br>2-1/4   | 11791                    | 6955                     | 20000          | 3015                                                           | 2090 | 1765 | 1400 | 1225 | 1110 | 970  | 925  | 880  |  |
|           |                                    |                   |                          |                          | 30000          | 2635                                                           | 1825 | 1540 | 1225 | 1070 | 970  | 880  | 805  | 770  |  |
|           |                                    |                   |                          |                          | 40000          | 2395                                                           | 1660 | 1400 | 1110 | 970  | 880  | 770  | 730  | 700  |  |
|           |                                    |                   |                          |                          | 60000          | 2090                                                           | 1450 | 1225 | 970  | 850  | 770  | 675  | 640  | 610  |  |
|           |                                    |                   |                          |                          | 100000         | 1765                                                           | 1225 | 1030 | 820  | 715  | 650  | 570  | 540  | 515  |  |
| 214       | 2 11/16                            | 2-7/16<br>2-1/2   | 13995                    | 8410                     | 20000          | 3580                                                           | 2480 | 2095 | 1660 | 1450 | 1320 | 1155 | 1095 | 1045 |  |
|           |                                    |                   |                          |                          | 30000          | 3125                                                           | 2170 | 1830 | 1450 | 1270 | 1155 | 1005 | 955  | 915  |  |
|           |                                    |                   |                          |                          | 40000          | 2840                                                           | 1970 | 1660 | 1320 | 1155 | 1045 | 915  | 870  | 830  |  |
|           |                                    |                   |                          |                          | 60000          | 2480                                                           | 1720 | 1450 | 1155 | 1005 | 915  | 800  | 760  | 725  |  |
|           |                                    |                   |                          |                          | 100000         | 2095                                                           | 1450 | 1225 | 970  | 850  | 770  | 675  | 640  | 615  |  |
| 215       | 2-15/16                            | 2-11/16           | 14872                    | 9255                     | 20000          | 3805                                                           | 2640 | 2225 | 1765 | 1545 | 1400 | 1225 | 1165 | 1115 |  |
|           |                                    |                   |                          |                          | 30000          | 3325                                                           | 2305 | 1945 | 1545 | 1350 | 1225 | 1070 | 1015 | 975  |  |
|           |                                    |                   |                          |                          | 40000          | 3020                                                           | 2095 | 1765 | 1400 | 1225 | 1115 | 975  | 925  | 885  |  |
|           |                                    |                   |                          |                          | 60000          | 2640                                                           | 1830 | 1545 | 1225 | 1070 | 975  | 850  | 805  | 770  |  |
|           |                                    |                   |                          |                          | 100000         | 2225                                                           | 1545 | 1300 | 1035 | 905  | 820  | 715  | 680  | 650  |  |
| 216       | 2-15/16<br>3                       |                   | 17407                    | 11015                    | 20000          | 4450                                                           | 3085 | 2605 | 2065 | 1805 | 1640 | 1435 | 1360 | 1300 |  |
|           |                                    |                   |                          |                          | 30000          | 3890                                                           | 2695 | 2275 | 1805 | 1580 | 1435 | 1250 | 1190 | 1140 |  |
|           |                                    |                   |                          |                          | 40000          | 3535                                                           | 2450 | 2065 | 1640 | 1435 | 1300 | 1140 | 1080 | 1035 |  |
|           |                                    |                   |                          |                          | 60000          | 3085                                                           | 2140 | 1805 | 1435 | 1250 | 1140 | 995  | 945  | 905  |  |
|           |                                    |                   |                          |                          | 100000         | 2605                                                           | 1805 | 1525 | 1210 | 1055 | 960  | 840  | 795  | 760  |  |
| 218       | 3-7/16<br>3-1/2                    |                   | 21451                    | 13940                    | 20000          | 5485                                                           | 3805 | 3210 | 2550 | 2225 | 2025 | 1765 | 1680 | 1605 |  |
|           |                                    |                   |                          |                          | 30000          | 4795                                                           | 3325 | 2805 | 2225 | 1945 | 1765 | 1545 | 1465 | 1405 |  |
|           |                                    |                   |                          |                          | 40000          | 4355                                                           | 3020 | 2550 | 2025 | 1765 | 1605 | 1405 | 1335 | 1276 |  |
|           |                                    |                   |                          |                          | 60000          | 3805                                                           | 2640 | 2225 | 1765 | 1545 | 1405 | 1225 | 1165 | 1115 |  |
|           |                                    |                   |                          |                          | 100000         | 3210                                                           | 2225 | 1880 | 1490 | 1300 | 1185 | 1035 | 980  | 940  |  |

\* Slight interference fit required when operating on the right of the heavy line or in the shaded area \*\* Piloted flange only

|                                |                           |                                    |                                         |
|--------------------------------|---------------------------|------------------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION/DIMENSIONS<br>PAGE B3-10 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
|--------------------------------|---------------------------|------------------------------------|-----------------------------------------|



## Setscrew Ball Bearings - Inch

Table 2 (Continued): Easy Selection Table For Ball Bearing Mounted Units

| RING-SIZE | SHAFT SIZE                         |                   | DYNAMIC CAPACITY C, Lbs. | STATIC CAPACITY Co, Lbs. | L10 LIFE-HOURS | ALLOWABLE EQUIVALENT RADIAL LOAD RATING (LBS.) AT VARIOUS RPM* |      |      |      |      |      |      |      |      |     |
|-----------|------------------------------------|-------------------|--------------------------|--------------------------|----------------|----------------------------------------------------------------|------|------|------|------|------|------|------|------|-----|
|           | SC, VSC, SL, CC                    | SCM               |                          |                          |                | 2500                                                           | 3000 | 3500 | 4000 | 4500 | 5000 | 5500 | 6500 | 7500 |     |
| 203       | 1/2<br>5/8                         |                   | 2158                     | 1000                     | 20000          | 150                                                            | 140  | 135  | 130  | 125  | 120  | 115  | 110  | 105  |     |
|           |                                    |                   |                          |                          | 30000          | 130                                                            | 125  | 115  | 110  | 105  | 105  | 100  | 95   | 90   |     |
|           |                                    |                   |                          |                          | 40000          | 120                                                            | 110  | 105  | 100  | 95   | 95   | 90   | 85   | 80   |     |
|           |                                    |                   |                          |                          | 60000          | 105                                                            | 95   | 95   | 90   | 85   | 80   | 80   | 75   | 70   |     |
|           |                                    |                   |                          |                          | 100000         | 85                                                             | 80   | 80   | 75   | 70   | 70   | 65   | 65   | 60   |     |
| 204       | 1/2<br>5/8<br>3/4<br>13/16         |                   | 2899                     | 1390                     | 20000          | 200                                                            | 190  | 180  | 170  | 165  | 160  | 155  | 145  | 140  |     |
|           |                                    |                   |                          |                          | 30000          | 175                                                            | 165  | 155  | 150  | 145  | 140  | 135  | 125  | 115  | 110 |
|           |                                    |                   |                          |                          | 40000          | 160                                                            | 150  | 145  | 135  | 130  | 125  | 125  | 115  | 110  |     |
|           |                                    |                   |                          |                          | 60000          | 140                                                            | 130  | 125  | 120  | 115  | 110  | 105  | 100  | 95   |     |
|           |                                    |                   |                          |                          | 100000         | 115                                                            | 110  | 105  | 100  | 90   | 95   | 90   | 85   | 80   |     |
| 205       | 7/8<br>15/16<br>1                  |                   | 3146                     | 1565                     | 20000          | 220                                                            | 205  | 195  | 185  | 180  | 175  | 170  | 160  | 150  |     |
|           |                                    |                   |                          |                          | 30000          | 190                                                            | 180  | 170  | 165  | 155  | 150  | 145  | 140  | 130  |     |
|           |                                    |                   |                          |                          | 40000          | 175                                                            | 165  | 155  | 150  | 140  | 135  | 135  | 125  | 120  |     |
|           |                                    |                   |                          |                          | 60000          | 150                                                            | 140  | 135  | 130  | 125  | 120  | 115  | 110  | 105  |     |
|           |                                    |                   |                          |                          | 100000         | 125                                                            | 120  | 115  | 110  | 105  | 100  | 100  | 95   | 90   |     |
| 206       | 1-1/16<br>1-1/8<br>1-3/16<br>1-1/4 | 1                 | 4368                     | 2250                     | 20000          | 305                                                            | 285  | 270  | 260  | 250  | 240  | 235  | 200  |      |     |
|           |                                    |                   |                          |                          | 30000          | 265                                                            | 250  | 235  | 225  | 220  | 210  | 205  | 195  |      |     |
|           |                                    |                   |                          |                          | 40000          | 240                                                            | 225  | 215  | 205  | 200  | 190  | 185  | 175  |      |     |
|           |                                    |                   |                          |                          | 60000          | 210                                                            | 200  | 190  | 180  | 175  | 165  | 160  | 155  |      |     |
|           |                                    |                   |                          |                          | 100000         | 175                                                            | 165  | 160  | 150  | 145  | 140  | 135  | 130  |      |     |
| 207       | 1-1/4<br>1-5/16<br>1-3/8<br>1-7/16 | 1-3/16<br>1-1/4   | 5759                     | 3065                     | 20000          | 400                                                            | 375  | 355  | 340  | 330  | 315  | 305  |      |      |     |
|           |                                    |                   |                          |                          | 30000          | 350                                                            | 330  | 310  | 300  | 285  | 275  | 270  |      |      |     |
|           |                                    |                   |                          |                          | 40000          | 315                                                            | 300  | 285  | 270  | 260  | 250  | 245  |      |      |     |
|           |                                    |                   |                          |                          | 60000          | 275                                                            | 260  | 250  | 235  | 230  | 220  | 125  |      |      |     |
|           |                                    |                   |                          |                          | 100000         | 235                                                            | 220  | 210  | 200  | 190  | 185  | 180  |      |      |     |
| 208       | 1-1/2<br>1-5/8                     | 1-7/16<br>1-1/2** | 7332                     | 4005                     | 20000          | 510                                                            | 480  | 455  | 435  | 420  | 405  |      |      |      |     |
|           |                                    |                   |                          |                          | 30000          | 445                                                            | 420  | 400  | 380  | 365  | 355  |      |      |      |     |
|           |                                    |                   |                          |                          | 40000          | 405                                                            | 380  | 360  | 345  | 330  | 320  |      |      |      |     |
|           |                                    |                   |                          |                          | 60000          | 355                                                            | 330  | 315  | 300  | 290  | 280  |      |      |      |     |
|           |                                    |                   |                          |                          | 100000         | 300                                                            | 280  | 265  | 255  | 245  | 235  |      |      |      |     |
| 209       | 1-5/8<br>1-11/16<br>1-3/4          | 1-1/2             | 7891                     | 4450                     | 20000          | 550                                                            | 515  | 490  | 470  | 450  | 435  |      |      |      |     |
|           |                                    |                   |                          |                          | 30000          | 480                                                            | 450  | 430  | 410  | 395  | 380  |      |      |      |     |
|           |                                    |                   |                          |                          | 40000          | 435                                                            | 410  | 390  | 370  | 360  | 345  |      |      |      |     |
|           |                                    |                   |                          |                          | 60000          | 380                                                            | 360  | 340  | 325  | 310  | 300  |      |      |      |     |
|           |                                    |                   |                          |                          | 100000         | 320                                                            | 300  | 285  | 275  | 265  | 255  |      |      |      |     |
| 210       | 1-15/16<br>2                       | 1-11/16<br>1-3/4  | 7891                     | 4450                     | 20000          | 550                                                            | 515  | 490  | 470  | 450  |      |      |      |      |     |
|           |                                    |                   |                          |                          | 30000          | 480                                                            | 450  | 430  | 410  | 395  |      |      |      |      |     |
|           |                                    |                   |                          |                          | 40000          | 435                                                            | 410  | 390  | 370  | 360  |      |      |      |      |     |
|           |                                    |                   |                          |                          | 60000          | 380                                                            | 360  | 340  | 325  | 310  |      |      |      |      |     |
|           |                                    |                   |                          |                          | 100000         | 320                                                            | 300  | 285  | 275  | 265  |      |      |      |      |     |
| 211       | 2<br>2-3/16<br>2-1/4               | 1-15/16<br>2      | 9755                     | 5630                     | 20000          | 676                                                            | 636  | 604  | 578  |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 30000          | 591                                                            | 556  | 528  | 505  |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 40000          | 537                                                            | 505  | 480  | 459  |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 60000          | 469                                                            | 441  | 419  | 401  |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 100000         | 395                                                            | 372  | 353  | 338  |      |      |      |      |      |     |
| 212       | 2-1/4<br>2-7/16                    | 2-3/16<br>2-1/4   | 11791                    | 6955                     | 20000          | 820                                                            | 770  | 730  |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 30000          | 715                                                            | 675  | 640  |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 40000          | 650                                                            | 610  | 580  |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 60000          | 570                                                            | 535  | 510  |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 100000         | 480                                                            | 450  | 430  |      |      |      |      |      |      |     |
| 214       | 2 11/16                            | 2-7/16<br>2-1/2   | 13995                    | 8410                     | 20000          | 970                                                            | 915  |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 30000          | 850                                                            | 800  |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 40000          | 770                                                            | 725  |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 60000          | 675                                                            | 635  |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 100000         | 570                                                            | 535  |      |      |      |      |      |      |      |     |
| 215       | 2-15/16                            | 2-11/16           | 14872                    | 9255                     | 20000          | 1035                                                           | 975  |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 30000          | 905                                                            | 850  |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 40000          | 820                                                            | 770  |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 60000          | 715                                                            | 675  |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 100000         | 605                                                            | 570  |      |      |      |      |      |      |      |     |
| 216       |                                    | 2-15/16<br>3      | 17407                    | 11015                    | 20000          | 1210                                                           |      |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 30000          | 1055                                                           |      |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 40000          | 960                                                            |      |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 60000          | 840                                                            |      |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 100000         | 705                                                            |      |      |      |      |      |      |      |      |     |
| 218       |                                    | 3-7/16<br>3-1/2   | 21451                    | 13940                    | 20000          |                                                                |      |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 30000          |                                                                |      |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 40000          |                                                                |      |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 60000          |                                                                |      |      |      |      |      |      |      |      |     |
|           |                                    |                   |                          |                          | 100000         |                                                                |      |      |      |      |      |      |      |      |     |

\* Slight interference fit required when operating on the right of the heavy line or in the shaded area \*\* Piloted flange only

|                                |                           |                                    |                                         |
|--------------------------------|---------------------------|------------------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION/DIMENSIONS<br>PAGE B3-10 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
|--------------------------------|---------------------------|------------------------------------|-----------------------------------------|



## SELECTION



## Setscrew Ball Bearings - Metric

Table 2 (Continued): Easy Selection Table For Ball Bearing Mounted Units

| RING-SIZE | SHAFT SIZE      |      | DYNAMIC CAPACITY C, N. | STATIC CAPACITY Co, N. | L10 LIFE-HOURS | ALLOWABLE EQUIVALENT RADIAL LOAD RATING (N.) AT VARIOUS RPM* |       |       |       |      |      |      |      |      |  |
|-----------|-----------------|------|------------------------|------------------------|----------------|--------------------------------------------------------------|-------|-------|-------|------|------|------|------|------|--|
|           | SC, VSC, SL, CC | SCM  |                        |                        |                | 50                                                           | 150   | 250   | 500   | 750  | 1000 | 1500 | 1750 | 2000 |  |
| 203       | 17mm            |      | 9600                   | 4450                   | 20000          | 2446                                                         | 1690  | 1423  | 1134  | 1001 | 912  | 778  | 756  | 712  |  |
|           |                 |      |                        |                        | 30000          | 2135                                                         | 1490  | 1245  | 1001  | 867  | 778  | 689  | 645  | 623  |  |
|           |                 |      |                        |                        | 40000          | 1957                                                         | 1357  | 1134  | 912   | 778  | 712  | 623  | 600  | 578  |  |
|           |                 |      |                        |                        | 60000          | 1690                                                         | 1179  | 1001  | 778   | 689  | 623  | 556  | 512  | 489  |  |
|           |                 |      |                        |                        | 100000         | 1423                                                         | 1001  | 845   | 667   | 578  | 534  | 467  | 445  | 423  |  |
| 204       | 20mm            |      | 12895                  | 6185                   | 20000          | 3292                                                         | 2291  | 1935  | 1535  | 1334 | 1223 | 1068 | 1001 | 956  |  |
|           |                 |      |                        |                        | 30000          | 2869                                                         | 2002  | 1690  | 1334  | 1156 | 1068 | 934  | 890  | 845  |  |
|           |                 |      |                        |                        | 40000          | 2624                                                         | 1824  | 1535  | 1223  | 1068 | 956  | 845  | 801  | 756  |  |
|           |                 |      |                        |                        | 60000          | 2291                                                         | 1579  | 1334  | 1068  | 934  | 845  | 734  | 689  | 667  |  |
|           |                 |      |                        |                        | 100000         | 1935                                                         | 1334  | 1134  | 890   | 778  | 712  | 623  | 578  | 556  |  |
| 205       | 25mm            |      | 13995                  | 6964                   | 20000          | 3581                                                         | 2491  | 2091  | 1668  | 1446 | 1312 | 1156 | 1090 | 1045 |  |
|           |                 |      |                        |                        | 30000          | 3136                                                         | 2157  | 1824  | 1446  | 1268 | 1156 | 1001 | 956  | 912  |  |
|           |                 |      |                        |                        | 40000          | 2847                                                         | 1979  | 1668  | 1312  | 1156 | 1045 | 912  | 867  | 823  |  |
|           |                 |      |                        |                        | 60000          | 2491                                                         | 1712  | 1446  | 1156  | 1001 | 912  | 801  | 756  | 734  |  |
|           |                 |      |                        |                        | 100000         | 2091                                                         | 1446  | 1223  | 979   | 845  | 778  | 667  | 645  | 600  |  |
| 206       | 30mm            | 25mm | 18993                  | 10013                  | 20000          | 4960                                                         | 3447  | 2913  | 2313  | 2024 | 1824 | 1601 | 1512 | 1446 |  |
|           |                 |      |                        |                        | 30000          | 4337                                                         | 3002  | 2535  | 2024  | 1757 | 1601 | 1401 | 1334 | 1268 |  |
|           |                 |      |                        |                        | 40000          | 3936                                                         | 2736  | 2313  | 1824  | 1601 | 1446 | 1268 | 1201 | 1156 |  |
|           |                 |      |                        |                        | 60000          | 3447                                                         | 2380  | 2024  | 1601  | 1401 | 1268 | 1112 | 1045 | 1001 |  |
|           |                 |      |                        |                        | 100000         | 2913                                                         | 2024  | 1690  | 1357  | 1179 | 1068 | 934  | 890  | 845  |  |
| 207       | 35mm            | 30mm | 25628                  | 13639                  | 20000          | 6561                                                         | 4537  | 3825  | 3047  | 2647 | 2424 | 2113 | 2002 | 1913 |  |
|           |                 |      |                        |                        | 30000          | 5716                                                         | 3959  | 3358  | 2674  | 2313 | 2113 | 1846 | 1757 | 1668 |  |
|           |                 |      |                        |                        | 40000          | 5204                                                         | 3603  | 3047  | 2424  | 2113 | 1913 | 1668 | 1579 | 1512 |  |
|           |                 |      |                        |                        | 60000          | 4537                                                         | 3158  | 2647  | 2113  | 1846 | 1669 | 1468 | 1379 | 1334 |  |
|           |                 |      |                        |                        | 100000         | 3825                                                         | 2647  | 2246  | 1779  | 1557 | 1401 | 1223 | 1179 | 1112 |  |
| 208       | 40mm            | 35mm | 32627                  | 17822                  | 20000          | 8340                                                         | 5782  | 4871  | 3870  | 3380 | 3069 | 2691 | 2558 | 2446 |  |
|           |                 |      |                        |                        | 30000          | 7295                                                         | 5048  | 4270  | 3380  | 2958 | 2691 | 2335 | 2224 | 2135 |  |
|           |                 |      |                        |                        | 40000          | 6628                                                         | 4581  | 3870  | 3069  | 2691 | 2446 | 2135 | 2024 | 1935 |  |
|           |                 |      |                        |                        | 60000          | 5782                                                         | 4003  | 3380  | 2691  | 2335 | 2135 | 1868 | 1779 | 1690 |  |
|           |                 |      |                        |                        | 100000         | 4871                                                         | 3380  | 2847  | 2268  | 1979 | 1801 | 1579 | 1490 | 1423 |  |
| 209       | 45mm            | 40mm | 35115                  | 19803                  | 20000          | 8985                                                         | 6227  | 5249  | 4159  | 3647 | 3314 | 2891 | 2736 | 2624 |  |
|           |                 |      |                        |                        | 30000          | 7851                                                         | 5449  | 4581  | 3647  | 3180 | 2891 | 2535 | 2402 | 2291 |  |
|           |                 |      |                        |                        | 40000          | 7117                                                         | 4937  | 4159  | 3314  | 2891 | 2624 | 2291 | 2180 | 2091 |  |
|           |                 |      |                        |                        | 60000          | 6227                                                         | 4315  | 3647  | 2891  | 2535 | 2291 | 2002 | 1913 | 1824 |  |
|           |                 |      |                        |                        | 100000         | 5249                                                         | 3647  | 3069  | 2446  | 2135 | 1935 | 1690 | 1601 | 1535 |  |
| 210       | 50mm            | 45mm | 35115                  | 19803                  | 20000          | 8985                                                         | 6227  | 5249  | 4159  | 3647 | 3314 | 2891 | 2736 | 2624 |  |
|           |                 |      |                        |                        | 30000          | 7851                                                         | 5449  | 4581  | 3647  | 3180 | 2891 | 2535 | 2402 | 2291 |  |
|           |                 |      |                        |                        | 40000          | 7117                                                         | 4937  | 4159  | 3314  | 2891 | 2624 | 2291 | 2180 | 2091 |  |
|           |                 |      |                        |                        | 60000          | 6227                                                         | 4315  | 3647  | 2891  | 2535 | 2291 | 2002 | 1913 | 1824 |  |
|           |                 |      |                        |                        | 100000         | 5249                                                         | 3647  | 3069  | 2446  | 2135 | 1935 | 1690 | 1601 | 1535 |  |
| 211       | 55mm            | 50mm | 43394                  | 25054                  | 20000          | 11079                                                        | 7682  | 6479  | 5142  | 4492 | 4082 | 3566 | 3387 | 3241 |  |
|           |                 |      |                        |                        | 30000          | 9678                                                         | 6711  | 5680  | 4492  | 3924 | 3566 | 3115 | 2959 | 2831 |  |
|           |                 |      |                        |                        | 40000          | 8793                                                         | 6097  | 5142  | 4082  | 3566 | 3240 | 2830 | 2688 | 2572 |  |
|           |                 |      |                        |                        | 60000          | 7682                                                         | 5326  | 4492  | 3566  | 3115 | 2830 | 2472 | 2348 | 2247 |  |
|           |                 |      |                        |                        | 100000         | 6479                                                         | 4492  | 3789  | 3007  | 2627 | 2387 | 2085 | 1981 | 1895 |  |
| 212       | 60mm            | 55mm | 52470                  | 30950                  | 20000          | 13411                                                        | 9296  | 7851  | 6227  | 5449 | 4937 | 4315 | 4114 | 3914 |  |
|           |                 |      |                        |                        | 30000          | 11720                                                        | 8118  | 6850  | 5449  | 4759 | 4315 | 3914 | 3581 | 3425 |  |
|           |                 |      |                        |                        | 40000          | 10653                                                        | 7384  | 6227  | 4937  | 4315 | 3914 | 3425 | 3247 | 3114 |  |
|           |                 |      |                        |                        | 60000          | 9296                                                         | 6450  | 5449  | 4315  | 3781 | 3425 | 3002 | 2847 | 2713 |  |
|           |                 |      |                        |                        | 100000         | 7851                                                         | 5449  | 4581  | 3647  | 3180 | 2891 | 2535 | 2402 | 2291 |  |
| 214       | 70mm            | 65mm | 62278                  | 37425                  | 20000          | 15924                                                        | 11031 | 9319  | 7384  | 6450 | 5871 | 5137 | 4871 | 4648 |  |
|           |                 |      |                        |                        | 30000          | 13900                                                        | 9672  | 8140  | 6450  | 5649 | 5137 | 4470 | 4248 | 4070 |  |
|           |                 |      |                        |                        | 40000          | 12632                                                        | 8763  | 7384  | 5871  | 5137 | 4648 | 4070 | 3870 | 3692 |  |
|           |                 |      |                        |                        | 60000          | 11031                                                        | 7651  | 6450  | 5137  | 4470 | 4070 | 3558 | 3380 | 3225 |  |
|           |                 |      |                        |                        | 100000         | 9319                                                         | 6450  | 5449  | 4315  | 3781 | 3425 | 3002 | 2847 | 2736 |  |
| 215       | 75mm            | 70mm | 66180                  | 41185                  | 20000          | 16925                                                        | 11743 | 9897  | 7851  | 6872 | 6227 | 5449 | 5182 | 4960 |  |
|           |                 |      |                        |                        | 30000          | 14790                                                        | 10253 | 8651  | 6872  | 6005 | 5449 | 4759 | 4515 | 4337 |  |
|           |                 |      |                        |                        | 40000          | 13433                                                        | 9319  | 7851  | 6227  | 5449 | 4960 | 4337 | 4114 | 3936 |  |
|           |                 |      |                        |                        | 60000          | 11743                                                        | 8140  | 6872  | 5449  | 4759 | 4337 | 3781 | 3581 | 3425 |  |
|           |                 |      |                        |                        | 100000         | 9897                                                         | 6872  | 5782  | 4604  | 4025 | 3647 | 3180 | 3025 | 2891 |  |
| 216       | 75mm            | 75mm | 77426                  | 49155                  | 20000          | 19794                                                        | 13722 | 11587 | 9185  | 8029 | 7295 | 6383 | 6049 | 5782 |  |
|           |                 |      |                        |                        | 30000          | 17303                                                        | 11987 | 10119 | 8029  | 7028 | 6383 | 5560 | 5293 | 5071 |  |
|           |                 |      |                        |                        | 40000          | 15724                                                        | 10898 | 9185  | 7295  | 6383 | 5782 | 5071 | 4804 | 4604 |  |
|           |                 |      |                        |                        | 60000          | 13722                                                        | 9519  | 8029  | 6393  | 5560 | 5071 | 4426 | 4203 | 4025 |  |
|           |                 |      |                        |                        | 100000         | 11587                                                        | 8029  | 6783  | 5382  | 4693 | 4270 | 3736 | 3536 | 3380 |  |
| 218       | 85mm            |      | 95371                  | 62005                  | 20000          | 24397                                                        | 16925 | 14278 | 11342 | 9897 | 9007 | 7851 | 7473 | 7139 |  |
|           |                 |      |                        |                        | 30000          | 21328                                                        | 14790 | 12477 | 9897  | 8651 | 7851 | 6872 | 6516 | 6249 |  |
|           |                 |      |                        |                        | 40000          | 19371                                                        | 13433 | 11342 | 9007  | 7851 | 7139 | 6249 | 5938 | 5676 |  |
|           |                 |      |                        |                        | 60000          | 16925                                                        | 11743 | 9897  | 7851  | 6872 | 6249 | 5449 | 5182 | 4960 |  |
|           |                 |      |                        |                        | 100000         | 14278                                                        | 9897  | 8362  | 6628  | 5782 | 5271 | 4604 | 4359 | 4181 |  |

\* Slight interference fit required when operating on the right of the heavy line or in the shaded area

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## Setscrew Ball Bearings - Metric

Table 2 (Continued): Easy Selection Table For Ball Bearing Mounted Units

| RING-SIZE | SHAFT SIZE     |      | DYNAMIC CAPACITY C, N. | STATIC CAPACITY Co, N. | L10 LIFE-HOURS | ALLOWABLE EQUIVALENT RADIAL LOAD RATING (N.) AT VARIOUS RPM* |      |      |      |      |      |      |      |      |  |
|-----------|----------------|------|------------------------|------------------------|----------------|--------------------------------------------------------------|------|------|------|------|------|------|------|------|--|
|           | SC, VSC, SL, C | SCM  |                        |                        |                | 2500                                                         | 3000 | 3500 | 4000 | 4500 | 5000 | 5500 | 6500 | 7500 |  |
| 203       | 17mm           |      | 9600                   | 4450                   | 20000          | 667                                                          | 623  | 600  | 578  | 556  | 534  | 512  | 489  | 467  |  |
|           |                |      |                        |                        | 30000          | 578                                                          | 556  | 512  | 489  | 467  | 467  | 445  | 423  | 400  |  |
|           |                |      |                        |                        | 40000          | 534                                                          | 489  | 467  | 445  | 423  | 423  | 400  | 378  | 356  |  |
|           |                |      |                        |                        | 60000          | 467                                                          | 423  | 423  | 400  | 378  | 356  | 358  | 334  | 311  |  |
|           |                |      |                        |                        | 100000         | 378                                                          | 356  | 356  | 334  | 311  | 311  | 289  | 289  | 267  |  |
| 204       | 20mm           |      | 12895                  | 6185                   | 20000          | 890                                                          | 845  | 801  | 756  | 734  | 712  | 689  | 645  | 623  |  |
|           |                |      |                        |                        | 30000          | 778                                                          | 724  | 689  | 667  | 645  | 623  | 600  | 578  | 534  |  |
|           |                |      |                        |                        | 40000          | 712                                                          | 667  | 645  | 600  | 578  | 556  | 556  | 512  | 489  |  |
|           |                |      |                        |                        | 60000          | 623                                                          | 578  | 556  | 534  | 512  | 489  | 467  | 445  | 423  |  |
|           |                |      |                        |                        | 100000         | 512                                                          | 489  | 467  | 445  | 400  | 423  | 400  | 378  | 356  |  |
| 205       | 25mm           |      | 13995                  | 6964                   | 20000          | 979                                                          | 912  | 867  | 823  | 801  | 778  | 756  | 712  | 667  |  |
|           |                |      |                        |                        | 30000          | 845                                                          | 801  | 756  | 734  | 689  | 667  | 645  | 623  | 578  |  |
|           |                |      |                        |                        | 40000          | 778                                                          | 734  | 689  | 667  | 623  | 600  | 600  | 556  | 534  |  |
|           |                |      |                        |                        | 60000          | 667                                                          | 623  | 600  | 578  | 556  | 534  | 512  | 489  | 467  |  |
|           |                |      |                        |                        | 100000         | 556                                                          | 534  | 512  | 489  | 467  | 445  | 445  | 423  | 400  |  |
| 206       | 30mm           | 25mm | 18993                  | 10013                  | 20000          | 1357                                                         | 1268 | 1201 | 1156 | 1112 | 1068 | 1045 | 979  |      |  |
|           |                |      |                        |                        | 30000          | 1179                                                         | 1112 | 1045 | 1001 | 979  | 934  | 912  | 867  |      |  |
|           |                |      |                        |                        | 40000          | 1068                                                         | 1001 | 958  | 912  | 890  | 845  | 823  | 778  |      |  |
|           |                |      |                        |                        | 60000          | 934                                                          | 890  | 845  | 801  | 778  | 734  | 712  | 689  |      |  |
|           |                |      |                        |                        | 100000         | 778                                                          | 734  | 712  | 667  | 645  | 623  | 600  | 578  |      |  |
| 207       | 35mm           | 30mm | 25628                  | 13639                  | 20000          | 1779                                                         | 1668 | 1579 | 1512 | 1468 | 1401 | 1357 |      |      |  |
|           |                |      |                        |                        | 30000          | 1557                                                         | 1468 | 1379 | 1134 | 1268 | 1223 | 1201 |      |      |  |
|           |                |      |                        |                        | 40000          | 1401                                                         | 1334 | 1268 | 1201 | 1156 | 1112 | 1090 |      |      |  |
|           |                |      |                        |                        | 60000          | 1223                                                         | 1156 | 1112 | 1045 | 1023 | 979  | 956  |      |      |  |
|           |                |      |                        |                        | 100000         | 1045                                                         | 979  | 934  | 890  | 845  | 823  | 801  |      |      |  |
| 208       | 40mm           | 35mm | 32627                  | 17822                  | 20000          | 2268                                                         | 2135 | 2024 | 1935 | 1868 | 1801 |      |      |      |  |
|           |                |      |                        |                        | 30000          | 1979                                                         | 1868 | 1779 | 1690 | 1624 | 1579 |      |      |      |  |
|           |                |      |                        |                        | 40000          | 1801                                                         | 1690 | 1601 | 1535 | 1468 | 1423 |      |      |      |  |
|           |                |      |                        |                        | 60000          | 1576                                                         | 1468 | 1401 | 1334 | 1290 | 1245 |      |      |      |  |
|           |                |      |                        |                        | 100000         | 1334                                                         | 1245 | 1179 | 1134 | 1090 | 1045 |      |      |      |  |
| 209       | 45mm           | 40mm | 35115                  | 19803                  | 20000          | 2446                                                         | 2291 | 2180 | 2091 | 2002 | 1935 |      |      |      |  |
|           |                |      |                        |                        | 30000          | 2135                                                         | 2002 | 1913 | 1824 | 1757 | 1690 |      |      |      |  |
|           |                |      |                        |                        | 40000          | 1935                                                         | 1824 | 1735 | 1646 | 1601 | 1535 |      |      |      |  |
|           |                |      |                        |                        | 60000          | 1690                                                         | 1601 | 1512 | 1446 | 1379 | 1334 |      |      |      |  |
|           |                |      |                        |                        | 100000         | 1423                                                         | 1334 | 1268 | 1223 | 1179 | 1134 |      |      |      |  |
| 210       | 50mm           | 45mm | 35115                  | 19803                  | 20000          | 2446                                                         | 2291 | 2180 | 2091 | 2002 |      |      |      |      |  |
|           |                |      |                        |                        | 30000          | 2135                                                         | 2002 | 1913 | 1824 | 1757 |      |      |      |      |  |
|           |                |      |                        |                        | 40000          | 1935                                                         | 1824 | 1735 | 1646 | 1601 |      |      |      |      |  |
|           |                |      |                        |                        | 60000          | 1690                                                         | 1601 | 1512 | 1446 | 1379 |      |      |      |      |  |
|           |                |      |                        |                        | 100000         | 1423                                                         | 1334 | 1268 | 1223 | 1179 |      |      |      |      |  |
| 211       | 55mm           | 50mm | 43394                  | 25054                  | 20000          | 3007                                                         | 2830 | 2688 | 2571 |      |      |      |      |      |  |
|           |                |      |                        |                        | 30000          | 2627                                                         | 2472 | 2348 | 2246 |      |      |      |      |      |  |
|           |                |      |                        |                        | 40000          | 2387                                                         | 2246 | 2134 | 2041 |      |      |      |      |      |  |
|           |                |      |                        |                        | 60000          | 2085                                                         | 1962 | 1864 | 1783 |      |      |      |      |      |  |
|           |                |      |                        |                        | 100000         | 1759                                                         | 1655 | 1572 | 1504 |      |      |      |      |      |  |
| 212       | 60mm           | 55mm | 52470                  | 30950                  | 20000          | 3647                                                         | 3425 | 3247 |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 30000          | 3180                                                         | 3002 | 2847 |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 40000          | 2891                                                         | 2713 | 2580 |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 60000          | 2535                                                         | 2380 | 2268 |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 100000         | 2135                                                         | 2002 | 1913 |      |      |      |      |      |      |  |
| 214       | 70mm           | 65mm | 62278                  | 37425                  | 20000          | 4315                                                         | 4070 |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 30000          | 3781                                                         | 3558 |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 40000          | 3425                                                         | 3225 |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 60000          | 3002                                                         | 2824 |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 100000         | 2535                                                         | 2380 |      |      |      |      |      |      |      |  |
| 215       | 75mm           | 70mm | 66180                  | 41185                  | 20000          | 4604                                                         | 4337 |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 30000          | 4025                                                         | 3781 |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 40000          | 3647                                                         | 3425 |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 60000          | 3180                                                         | 3002 |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 100000         | 2691                                                         | 2535 |      |      |      |      |      |      |      |  |
| 216       |                | 75mm | 77426                  | 49155                  | 20000          | 5382                                                         |      |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 30000          | 4693                                                         |      |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 40000          | 4270                                                         |      |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 60000          | 3736                                                         |      |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 100000         | 3136                                                         |      |      |      |      |      |      |      |      |  |
| 218       |                | 85mm | 95371                  | 62005                  | 20000          |                                                              |      |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 30000          |                                                              |      |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 40000          |                                                              |      |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 60000          |                                                              |      |      |      |      |      |      |      |      |  |
|           |                |      |                        |                        | 100000         |                                                              |      |      |      |      |      |      |      |      |  |

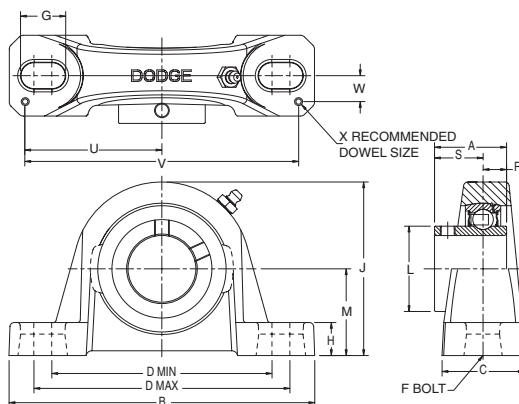
\* Slight interference fit required when operating on the right of the heavy line or in the shaded area

|                                |                           |                                    |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC AND SCU NORMAL DUTY PILLOW BLOCKS



### Lube Fitting

203 series - 1/4-28 tapered thread

204 series and larger - 1/8-27 NPT

| Series    | Shaft Size | Standard      |              | No-Lube/Sealed for Life (-NL) |                 | With Flingers |                 |
|-----------|------------|---------------|--------------|-------------------------------|-----------------|---------------|-----------------|
|           |            | Part No.      | Description  | Part No.                      | Description     | Part No.      | Description     |
| 203       | 1/2        | <b>123830</b> | P2B-SC-008   | <b>123932</b>                 | P2B-SC-008-NL   | @             | P2B-SC-008-FF   |
|           | 5/8        | <b>123831</b> | P2B-SC-010   | <b>126500</b>                 | P2B-SC-010-NL   | <b>124575</b> | P2B-SC-010-FF   |
|           | 17mm       | <b>053170</b> | P2B-SC-17M   | @                             | P2B-SC-17M-NL   | @             | P2B-SC-17M-FF   |
| 203 (SCU) | 1/2        | <b>123753</b> | P2B-SCU-008  | @                             | P2B-SCU-008-NL  | @             | P2B-SCU-008FF   |
|           | 5/8        | <b>123754</b> | P2B-SCU-010  | @                             | P2B-SCU-010-NL  | @             | P2B-SCU-010-FF  |
|           | 17mm       | <b>125850</b> | P2B-SCU-17M  | @                             | P2B-SCU-17M-NL  | @             | P2B-SCU-17M-FF  |
| 204       | 1/2        | <b>123835</b> | P2B-SC-008L  | <b>052101</b>                 | P2B-SC-008L-NL  | @             | P2B-SC-008L-FF  |
|           | 5/8        | <b>123836</b> | P2B-SC-010L  | @                             | P2B-SC-010L-NL  | @             | P2B-SC-010L-FF  |
|           | 3/4        | <b>123803</b> | P2B-SC-012   | <b>052012</b>                 | P2B-SC-012-NL   | <b>053256</b> | P2B-SC-012-FF   |
|           | 20mm       | <b>125851</b> | P2B-SC-20M   | @                             | P2B-SC-20M-NL   | @             | P2B-SC-20M-FF   |
| 205       | 7/8        | <b>123804</b> | P2B-SC-014   | <b>126502</b>                 | P2B-SC-014-NL   | @             | P2B-SC-014-FF   |
|           | 15/16      | <b>123805</b> | P2B-SC-015   | <b>126503</b>                 | P2B-SC-015-NL   | <b>124029</b> | P2B-SC-015-FF   |
|           | 1          | <b>123806</b> | P2B-SC-100   | <b>123824</b>                 | P2B-SC-100-NL   | <b>123779</b> | P2B-SC-100-FF   |
|           | 25mm       | <b>125852</b> | P2B-SC-25M   | <b>056744</b>                 | P2B-SC-25M-NL   | @             | P2B-SC-25M-FF   |
| 206       | 1-1/16     | <b>123807</b> | P2B-SC-101   | <b>126504</b>                 | P2B-SC-101-NL   | @             | P2B-SC-101-FF   |
|           | 1-1/8      | <b>123808</b> | P2B-SC-102   | <b>126505</b>                 | P2B-SC-102-NL   | <b>125383</b> | P2B-SC-102-FF   |
|           | 1-3/16     | <b>123809</b> | P2B-SC-103   | <b>123828</b>                 | P2B-SC-103-NL   | <b>050270</b> | P2B-SC-103-FF   |
|           | 1-1/4      | <b>123170</b> | P2B-SC-104S  | <b>049852</b>                 | P2B-SC-104S-NL  | @             | P2B-SC-104S-FF  |
|           | 30mm       | <b>125853</b> | P2B-SC-30M   | @                             | P2B-SC-30M-NL   | <b>053198</b> | P2B-SC-30M-FF   |
| 206 (SCU) | 1-1/16     | <b>123877</b> | P2B-SCU-101  | @                             | P2B-SCU-101-NL  | @             | P2B-SCU-101-FF  |
|           | 1-1/8      | <b>123878</b> | P2B-SCU-102  | @                             | P2B-SCU-102-NL  | @             | P2B-SCU-102-FF  |
|           | 1-3/16     | <b>123879</b> | P2B-SCU-103  | <b>050837</b>                 | P2B-SCU-103-NL  | @             | P2B-SCU-103-FF  |
|           | 1-1/4      | <b>123894</b> | P2B-SCU-104S | @                             | P2B-SCU-104S-NL | @             | P2B-SCU-104S-FF |
|           | 30mm       | <b>125854</b> | P2B-SCU-30M  | @                             | P2B-SCU-30M-NL  | @             | P2B-SCU-30M-FF  |
| 207       | 1-1/4      | <b>123810</b> | P2B-SC-104   | <b>123933</b>                 | P2B-SC-104-NL   | <b>123097</b> | P2B-SC-104-FF   |
|           | 1-5/16     | <b>123811</b> | P2B-SC-105   | @                             | P2B-SC-105-NL   | @             | P2B-SC-105-FF   |
|           | 1-3/8      | <b>123812</b> | P2B-SC-106   | <b>123781</b>                 | P2B-SC-106-NL   | <b>054695</b> | P2B-SC-106-FF   |
|           | 1-7/16     | <b>123813</b> | P2B-SC-107   | <b>123792</b>                 | P2B-SC-107-NL   | <b>051571</b> | P2B-SC-107-FF   |
|           | 35mm       | <b>125855</b> | P2B-SC-35M   | @                             | P2B-SC-35M-NL   | @             | P2B-SC-35M-FF   |

@ Assembled to order.

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC AND SCU NORMAL DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series       | Shaft Size | Weight<br>lbs.<br>kgs. | A       | B     | C       | D       |        | F<br>Bolt<br>Dia. | G     | H     | J       | L       | M       | R     | S      | U       | V       | W    | X    |
|--------------|------------|------------------------|---------|-------|---------|---------|--------|-------------------|-------|-------|---------|---------|---------|-------|--------|---------|---------|------|------|
|              |            |                        |         |       |         | Min.    | Max.   |                   |       |       |         |         |         |       |        |         |         |      |      |
| 203          | 1/2        | 1.1                    | 1       | 5     | 1-13/64 | 3-1/4   | 4-1/16 | 3/8               | 27/32 | 15/32 | 2-9/64  | 31/32   | 1-1/16  | 23/64 | 41/64  | 2-1/4   | 4-1/2   | 3/8  | 1/8  |
|              | 5/8        | 1.0                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 17mm       | 0.4                    | 25.4    | 127.0 | 30.6    | 82.6    | 103.2  | M10               | 21.4  | 11.9  | 54.4    | 24.6    | 27.0    | 9.1   | 16.3   | 57.2    | 114.3   | 9.5  | 3.2  |
| 203<br>(SCU) | 1/2        | 1.2                    | 1       | 5     | 1-13/64 | 3-1/4   | 4-1/16 | 3/8               | 27/32 | 19/32 | 2-17/64 | 31/32   | 1-3/16  | 23/64 | 41/64  | 2-1/4   | 4-1/2   | 3/8  | 1/8  |
|              | 5/8        | 1.0                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 17mm       | 0.4                    | 25.4    | 127.0 | 30.6    | 82.6    | 103.2  | M10               | 21.4  | 15.1  | 57.5    | 24.6    | 30.2    | 9.1   | 16.3   | 57.2    | 114.3   | 9.5  | 3.2  |
| 204          | 1/2        | 1.6                    | 1-5/32  | 5-1/4 | 1-21/64 | 3-3/8   | 4-3/16 | 3/8               | 27/32 | 33/64 | 2-9/16  | 1-1/8   | 1-5/16  | 27/64 | 47/64  | 2-1/4   | 4-1/2   | 1/2  | 1/8  |
|              | 5/8        | 1.5                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 3/4        | 1.4                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
| 205          | 20mm       | 0.7                    | 29.4    | 133.4 | 33.7    | 85.7    | 106.4  | M10               | 21.4  | 13.1  | 65.1    | 28.6    | 33.3    | 10.7  | 18.7   | 57.2    | 114.3   | 12.7 | 3.2  |
|              | 7/8        | 1.8                    | 1-3/16  | 5-1/2 | 1-13/32 | 3-11/16 | 4-1/2  | 3/8               | 27/32 | 37/64 | 2-25/32 | 1-5/16  | 1-7/16  | 27/64 | 49/64  | 2-1/2   | 5       | 1/2  | 3/16 |
|              | 15/16      | 1.7                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
| 206          | 1          | 1.6                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 25mm       | 0.7                    | 30.2    | 139.7 | 35.7    | 93.7    | 114.3  | M10               | 21.4  | 14.7  | 70.6    | 33.3    | 36.5    | 10.7  | 19.4   | 63.5    | 127.0   | 12.7 | 4.8  |
|              | 1-1/16     | 2.8                    | 1-25/64 | 6-1/4 | 1-47/64 | 4-1/4   | 5      | 1/2               | 15/16 | 11/16 | 3-1/4   | 1-37/64 | 1-5/8   | 31/64 | 29/32  | 2-7/8   | 5-3/4   | 9/16 | 3/16 |
| 206<br>(SCU) | 1-1/8      | 2.7                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 1-3/16     | 2.6                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 1-1/4      | 2.5                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
| 207          | 30mm       | 1.1                    | 35.3    | 158.8 | 44.1    | 108.0   | 127.0  | M12               | 23.8  | 17.5  | 82.6    | 40.1    | 41.3    | 12.3  | 23.0   | 73.0    | 146.1   | 14.3 | 4.8  |
|              | 1-1/16     | 2.9                    | 1-25/64 | 6-1/4 | 1-47/64 | 4-1/4   | 5      | 1/2               | 15/16 | 3/4   | 3-5/16  | 1-37/64 | 1-11/16 | 31/64 | 29/32  | 2-7/8   | 5-3/4   | 9/16 | 3/16 |
|              | 1-1/8      | 2.8                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
| 207          | 1-3/16     | 2.7                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 1-1/4      | 2.6                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 30mm       | 1.1                    | 35.3    | 158.8 | 44.1    | 108.0   | 127.0  | M12               | 23.8  | 19.1  | 84.1    | 40.1    | 42.9    | 12.3  | 23.0   | 73.0    | 146.1   | 14.3 | 4.8  |
| 207          | 1-1/4      | 4.5                    | 1-17/32 | 6-1/2 | 1-47/64 | 4-11/16 | 5-7/16 | 1/2               | 15/16 | 45/64 | 3-3/4   | 1-27/32 | 1-7/8   | 1/2   | 1-1/32 | 2-29/32 | 5-13/16 | 9/16 | 3/16 |
|              | 1-5/16     | 4.4                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 1-3/8      | 4.3                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
| 207          | 1-7/16     | 4.2                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 35mm       | 1.5                    | 38.9    | 165.1 | 44.1    | 119.1   | 138.1  | M12               | 23.8  | 17.9  | 95.3    | 46.8    | 47.6    | 12.7  | 26.2   | 73.8    | 147.6   | 14.3 | 4.8  |

|                                |                           |                        |                                         |
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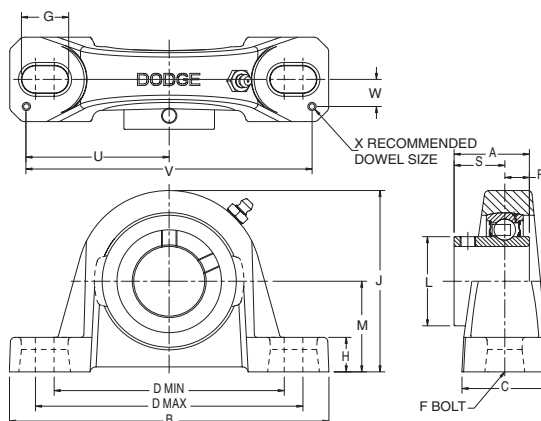
# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC AND SCU NORMAL DUTY PILLOW BLOCKS

### Lube Fitting

203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



| Series    | Shaft Size | Standard      |             | No-Lube/Sealed for Life (-NL) |                | With Flingers |                |
|-----------|------------|---------------|-------------|-------------------------------|----------------|---------------|----------------|
|           |            | Part No.      | Description | Part No.                      | Description    | Part No.      | Description    |
| 208       | 1-1/2      | <b>123814</b> | P2B-SC-108  | <b>123829</b>                 | P2B-SC-108-NL  | <b>125172</b> | P2B-SC-108-FF  |
|           | 1-5/8      | <b>123815</b> | P2B-SC-110  | <b>126510</b>                 | P2B-SC-110-NL  | <b>051996</b> | P2B-SC-110-FF  |
|           | 40mm       | <b>056855</b> | P2B-SC-40M  | <b>@</b>                      | P2B-SC-40M-NL  | <b>053199</b> | P2B-SC-40M-FF  |
| 209       | 1-5/8      | <b>125169</b> | P2B-SC-110L | <b>@</b>                      | P2B-SC-110L-NL | <b>@</b>      | P2B-SC-110L-FF |
|           | 1-11/16    | <b>123816</b> | P2B-SC-111  | <b>123784</b>                 | P2B-SC-111-NL  | <b>064657</b> | P2B-SC-111-FF  |
|           | 1-3/4      | <b>123817</b> | P2B-SC-112  | <b>123782</b>                 | P2B-SC-112-NL  | <b>051896</b> | P2B-SC-112-FF  |
|           | 45mm       | <b>125857</b> | P2B-SC-45M  | <b>@</b>                      | P2B-SC-45M-NL  | <b>052259</b> | P2B-SC-45M-FF  |
| 210       | 1-15/16    | <b>123818</b> | P2B-SC-115  | <b>123793</b>                 | P2B-SC-115-NL  | <b>@</b>      | P2B-SC-115-FF  |
|           | 2          | <b>123819</b> | P2B-SC-200  | <b>123939</b>                 | P2B-SC-200-NL  | <b>@</b>      | P2B-SC-200-FF  |
|           | 50mm       | <b>125858</b> | P2B-SC-50M  | <b>@</b>                      | P2B-SC-50M-NL  | <b>@</b>      | P2B-SC-50M-FF  |
| 211       | 2          | <b>126815</b> | P2B-SCM-200 | <b>126547</b>                 | P2B-SCM-200-NL | <b>054561</b> | P2B-SCM-200-FF |
|           | 2-3/16     | <b>123820</b> | P2B-SC-203  | <b>123783</b>                 | P2B-SC-203-NL  | <b>056759</b> | P2B-SC-203-FF  |
|           | 2-1/4      | <b>123821</b> | P2B-SC-204  | <b>126513</b>                 | P2B-SC-204-NL  | <b>057335</b> | P2B-SC-204-FF  |
|           | 55mm       | <b>125859</b> | P2B-SC-55M  | <b>@</b>                      | P2B-SC-55M-NL  | <b>@</b>      | P2B-SC-55M-FF  |
| 212       | 2-1/4      | <b>126817</b> | P2B-SCM-204 | <b>@</b>                      | P2B-SCM-204-NL | <b>@</b>      | P2B-SCM-204-FF |
|           | 2-7/16     | <b>123822</b> | P2B-SC-207  | <b>123987</b>                 | P2B-SC-207-NL  | <b>054265</b> | P2B-SC-207-FF  |
|           | 60mm       | <b>125860</b> | P2B-SC-60M  | <b>062162</b>                 | P2B-SC-60M-NL  | <b>@</b>      | P2B-SC-60M-FF  |
| 214       | 2-1/2      | <b>126819</b> | P2B-SCM-208 | <b>@</b>                      | P2B-SCM-208-NL | <b>@</b>      | P2B-SCM-208-FF |
|           | 2-11/16    | <b>123839</b> | P2B-SC-211  | <b>@</b>                      | P2B-SC-211-NL  | <b>@</b>      | P2B-SC-211-FF  |
|           | 70mm       | <b>125861</b> | P2B-SC-70M  | <b>126548</b>                 | P2B-SC-70M-NL  | <b>059677</b> | P2B-SC-70M-FF  |
| 215       | 2-15/16    | <b>123823</b> | P2B-SC-215  | <b>123636</b>                 | P2B-SC-215-NL  | <b>049828</b> | P2B-SC-215-FF  |
|           | 75mm       | <b>125862</b> | P2B-SC-75M  | <b>@</b>                      | P2B-SC-75M-NL  | <b>@</b>      | P2B-SC-75M-FF  |
| 215 (SCU) | 2-15/16    | <b>123728</b> | P2B-SCU-215 | <b>@</b>                      | P2B-SCU-215-NL | <b>054264</b> | P2B-SCU-215-FF |
|           | 75mm       | <b>052792</b> | P2B-SCU-75M | <b>@</b>                      | P2B-SCU-75M-NL | <b>@</b>      | P2B-SCU-75M-FF |
| 218       | 90mm       | <b>052794</b> | P2B-SC-90M  | <b>@</b>                      | P2B-SC-90M-NL  | <b>@</b>      | P2B-SC-90M-FF  |

@Assembled to order

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC AND SCU NORMAL DUTY PILLOW BLOCKS

| Series    | Shaft Size | Weight lbs. kgs. | A       | B      | C       | D      |         | F Bolt Dia. | G      | H     | J       | L       | M     | R     | S       | U       | V        | W      | X    |
|-----------|------------|------------------|---------|--------|---------|--------|---------|-------------|--------|-------|---------|---------|-------|-------|---------|---------|----------|--------|------|
|           |            |                  |         |        |         | Min.   | Max.    |             |        |       |         |         |       |       |         |         |          |        |      |
| 208       | 1-1/2      | 5.4              | 1-11/16 | 7-1/4  | 1-15/16 | 5-3/16 | 5-7/8   | 1/2         | 29/32  | 15/16 | 4-3/16  | 2-3/64  | 2-1/8 | 19/32 | 1-3/32  | 3-17/64 | 6-17/32  | 11/16  | 3/16 |
|           | 1-5/8      | 5.3              |         |        |         |        |         |             |        |       |         |         |       |       |         |         |          |        |      |
|           | 40mm       | 2.2              | 42.9    | 184.2  | 49.2    | 131.8  | 149.2   | M12         | 23.0   | 23.8  | 106.4   | 52.0    | 54.0  | 15.1  | 27.8    | 82.9    | 165.9    | 17.5   | 4.8  |
| 209       | 1-5/8      | 6.6              | 1-23/32 | 7-7/16 | 2       | 5-1/2  | 6-3/16  | 1/2         | 29/32  | 3/4   | 4-9/32  | 2-7/32  | 2-1/8 | 19/32 | 1-1/8   | 3-3/8   | 6-3/4    | 11/16  | 3/16 |
|           | 1-11/16    | 6.4              |         |        |         |        |         |             |        |       |         |         |       |       |         |         |          |        |      |
|           | 1-3/4      | 6.2              |         |        |         |        |         |             |        |       |         |         |       |       |         |         |          |        |      |
| 210       | 45mm       | 2.2              | 43.7    | 188.9  | 50.8    | 139.7  | 161.9   | M12         | 23.0   | 19.1  | 108.7   | 56.4    | 54.0  | 15.1  | 28.6    | 85.7    | 171.5    | 17.5   | 4.8  |
|           | 1-15/16    | 7.2              | 1-3/4   | 8-1/8  | 2-1/4   | 6      | 6-11/16 | 5/8         | 1-1/16 | 3/4   | 4-17/32 | 2-7/16  | 2-1/4 | 19/32 | 1-5/32  | 3-11/16 | 7-3/8    | 13/16  | 3/16 |
|           | 2          | 7.0              |         |        |         |        |         |             |        |       |         |         |       |       |         |         |          |        |      |
| 211       | 50mm       | 2.6              | 44.5    | 206.4  | 57.2    | 152.4  | 169.9   | M16         | 27.0   | 19.1  | 115.1   | 61.9    | 57.2  | 15.1  | 29.4    | 93.7    | 187.3    | 20.6   | 4.8  |
|           | 2          | 9.0              | 1-27/32 | 8-7/8  | 2-5/16  | 6-3/8  | 7-7/16  | 5/8         | 1-7/32 | 7/8   | 4-31/32 | 2-23/32 | 2-1/2 | 5/8   | 1-7/32  | 3-15/16 | 7-7/8    | 13/16  | 3/16 |
|           | 2-3/16     | 8.9              |         |        |         |        |         |             |        |       |         |         |       |       |         |         |          |        |      |
| 212       | 2-1/4      | 8.8              |         |        |         |        |         |             |        |       |         |         |       |       |         |         |          |        |      |
|           | 55mm       | 3.3              | 46.8    | 225.4  | 58.7    | 161.9  | 188.9   | M16         | 31.0   | 22.2  | 126.2   | 69.1    | 63.5  | 15.9  | 31.0    | 100.0   | 200.0    | 20.6   | 4.8  |
|           | 2-1/4      | 10.8             | 1-63/64 | 9-1/2  | 2-3/8   | 6-7/8  | 7-15/16 | 5/8         | 1-7/32 | 7/8   | 5-13/32 | 2-31/32 | 2-3/4 | 43/64 | 1-5/16  | 4-1/4   | 8-1/2    | 7/8    | 3/16 |
| 214       | 2-7/16     | 10.2             |         |        |         |        |         |             |        |       |         |         |       |       |         |         |          |        |      |
|           | 60mm       | 4.2              | 50.4    | 241.3  | 60.3    | 174.6  | 201.6   | M16         | 31.0   | 22.2  | 137.3   | 75.4    | 69.9  | 17.1  | 33.3    | 108.0   | 215.9    | 22.2   | 4.8  |
|           | 2-1/2      | 15.5             | 2-15/64 | 10-3/4 | 2-11/16 | 7-1/2  | 8-1/2   | 3/4         | 1-5/16 | 15/16 | 6-3/32  | 3-5/16  | 3     | 51/64 | 1-7/16  | 4-7/8   | 9-3/4    | 15/16  | 3/16 |
| 215       | 2-11/16    | 15.0             |         |        |         |        |         |             |        |       |         |         |       |       |         |         |          |        |      |
|           | 70mm       | 6.9              | 56.8    | 273.1  | 68.3    | 190.5  | 215.9   | M18         | 33.3   | 23.8  | 154.8   | 84.1    | 76.2  | 20.2  | 36.5    | 123.8   | 247.7    | 23.8   | 4.8  |
|           | 2-15/16    | 20.5             | 2-9/32  | 11-3/4 | 2-7/8   | 8-1/2  | 9-1/2   | 7/8         | 1-7/16 | 1     | 6-3/4   | 3-5/8   | 3-1/2 | 13/16 | 1-15/32 | 5-31/64 | 10-31/32 | 1-3/64 | 3/16 |
| 215 (SCU) | 75mm       | 7.9              | 57.9    | 298.5  | 73.0    | 215.9  | 241.3   | M22         | 36.5   | 25.4  | 171.5   | 92.1    | 88.9  | 20.6  | 37.3    | 139.3   | 278.6    | 26.6   | 4.8  |
|           | 2-15/16    | 20.7             | 2-9/32  | 11-3/4 | 2-7/8   | 8-1/2  | 9-1/2   | 7/8         | 1-7/16 | 1     | 6-1/2   | 3-5/8   | 3-1/4 | 13/16 | 1-15/32 | 5-31/64 | 10-31/32 | 1-3/64 | 3/16 |
|           | 75mm       | 8.0              | 57.9    | 298.5  | 73.0    | 215.9  | 241.3   | M22         | 36.5   | 25.4  | 165.1   | 92.1    | 82.6  | 20.6  | 37.3    | 139.3   | 278.6    | 26.6   | 4.8  |
| 218       | 90mm       | 13.6             | 63.1    | 355.6  | 85.7    | 261.9  | 295.3   | M22         | 40.5   | 33.3  | 203.2   | 110.7   | 101.6 | 23.4  | 39.7    | 116.7   | 333.4    | 30.2   | 4.8  |

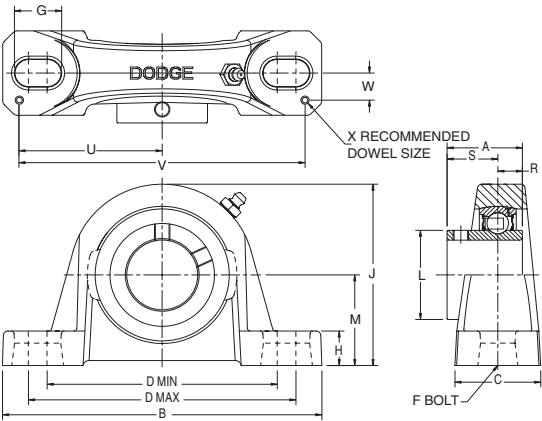
|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCAH AND SCUAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS

**Lube Fitting**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



| Series    | Shaft Size | Part No.      | Description    |
|-----------|------------|---------------|----------------|
| 203       | 1/2        | <b>123725</b> | P2B-SCAH-008   |
|           | 5/8        | <b>123958</b> | P2B-SCAH-010   |
|           | 17mm       | @             | P2B-SCAH-17M   |
| 203 (SCU) | 1/2        | @             | P2B-SCUAH-008  |
|           | 5/8        | @             | P2B-SCUAH-010  |
|           | 17mm       | @             | P2B-SCUAH-17M  |
| 204       | 1/2        | @             | P2B-SCAH-008L  |
|           | 5/8        | <b>123790</b> | P2B-SCAH-010L  |
|           | 3/4        | <b>123904</b> | P2B-SCAH-012   |
|           | 20mm       | <b>056606</b> | P2B-SCAH-20M   |
| 205       | 7/8        | <b>064450</b> | P2B-SCAH-014   |
|           | 15/16      | <b>123903</b> | P2B-SCAH-015   |
|           | 1          | <b>123905</b> | P2B-SCAH-100   |
|           | 25mm       | <b>053718</b> | P2B-SCAH-25M   |
| 206       | 1-1/16     | @             | P2B-SCAH-101   |
|           | 1-1/8      | <b>123919</b> | P2B-SCAH-102   |
|           | 1-3/16     | <b>123906</b> | P2B-SCAH-103   |
|           | 1-1/4      | @             | P2B-SCAH-104S  |
|           | 30mm       | @             | P2B-SCAH-30M   |
| 206 (SCU) | 1-1/16     | @             | P2B-SCUAH-101  |
|           | 1-1/8      | @             | P2B-SCUAH-102  |
|           | 1-3/16     | <b>123918</b> | P2B-SCUAH-103  |
|           | 1-1/4      | <b>123183</b> | P2B-SCUAH-104S |
|           | 30mm       | @             | P2B-SCUAH-30M  |
| 207       | 1-1/4      | <b>123907</b> | P2B-SCAH-104   |
|           | 1-5/16     | @             | P2B-SCAH-105   |
|           | 1-3/8      | <b>050792</b> | P2B-SCAH-106   |
|           | 1-7/16     | <b>123908</b> | P2B-SCAH-107   |
|           | 35mm       | <b>053717</b> | P2B-SCAH-35M   |

@ Assembled to order

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SCAH AND SCUAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series       | Shaft Size | Weight<br>lbs.<br>kgs. | A       | B     | C       | D       |        | F<br>Bolt<br>Dia. | G     | H     | J       | L       | M       | R     | S      | U       | V       | W    | X    |
|--------------|------------|------------------------|---------|-------|---------|---------|--------|-------------------|-------|-------|---------|---------|---------|-------|--------|---------|---------|------|------|
|              |            |                        |         |       |         | min.    | max.   |                   |       |       |         |         |         |       |        |         |         |      |      |
| 203          | 1/2        | 1.1                    | 1       | 5     | 1-13/64 | 3-1/4   | 4-1/16 | 3/8               | 27/32 | 15/32 | 2-9/64  | 31/32   | 1-1/16  | 23/64 | 41/64  | 2-1/4   | 4-1/2   | 3/8  | 1/8  |
|              | 5/8        | 1.0                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 17mm       | 0.4                    | 25.4    | 127.0 | 30.6    | 82.6    | 103.2  | M10               | 21.4  | 11.9  | 54.4    | 24.6    | 27.0    | 9.1   | 16.3   | 57.2    | 114.3   | 9.5  | 3.2  |
| 203<br>(SCU) | 1/2        | 1.2                    | 1       | 5     | 1-13/64 | 3-1/4   | 4-1/16 | 3/8               | 27/32 | 19/32 | 2-17/64 | 31/32   | 1-3/16  | 23/64 | 41/64  | 2-1/4   | 4-1/2   | 3/8  | 1/8  |
|              | 5/8        | 1.0                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 17mm       | 0.4                    | 25.4    | 127.0 | 30.6    | 82.6    | 103.2  | M10               | 21.4  | 15.1  | 57.5    | 24.6    | 30.2    | 9.1   | 16.3   | 57.2    | 114.3   | 9.5  | 3.2  |
| 204          | 1/2        | 1.6                    | 1-5/32  | 5-1/4 | 1-21/64 | 3-3/8   | 4-3/16 | 3/8               | 27/32 | 33/64 | 2-9/16  | 1-1/8   | 1-5/16  | 27/64 | 47/64  | 2-1/4   | 4-1/2   | 1/2  | 1/8  |
|              | 5/8        | 1.5                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 3/4        | 1.4                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
| 205          | 20mm       | 0.7                    | 29.4    | 133.4 | 33.7    | 85.7    | 106.4  | M10               | 21.4  | 13.1  | 65.1    | 28.6    | 33.3    | 10.7  | 18.7   | 57.2    | 114.3   | 12.7 | 3.2  |
|              | 7/8        | 1.8                    | 1-3/16  | 5-1/2 | 1-13/32 | 3-11/16 | 4-1/2  | 3/8               | 27/32 | 37/64 | 2-25/32 | 1-5/16  | 1-7/16  | 27/64 | 49/64  | 2-1/2   | 5       | 1/2  | 3/16 |
|              | 15/16      | 1.7                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
| 206          | 1          | 1.6                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 25mm       | 0.7                    | 30.2    | 139.7 | 35.7    | 93.7    | 114.3  | M10               | 21.4  | 14.7  | 70.6    | 33.3    | 36.5    | 10.7  | 19.4   | 63.5    | 127.0   | 12.7 | 4.8  |
|              | 1-1/16     | 2.8                    | 1-25/64 | 6-1/4 | 1-47/64 | 4-1/4   | 5      | 1/2               | 15/16 | 11/16 | 3-1/4   | 1-37/64 | 1-5/8   | 31/64 | 29/32  | 2-7/8   | 5-3/4   | 9/16 | 3/16 |
| 206<br>(SCU) | 1-1/8      | 2.7                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 1-3/16     | 2.6                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 1-1/4      | 2.5                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
| 207          | 30mm       | 1.1                    | 35.3    | 158.8 | 44.1    | 108.0   | 127.0  | M12               | 23.8  | 17.5  | 82.6    | 40.1    | 41.3    | 12.3  | 23.0   | 73.0    | 146.1   | 14.3 | 4.8  |
|              | 1-1/16     | 2.9                    | 1-25/64 | 6-1/4 | 1-47/64 | 4-1/4   | 5.00   | 1/2               | 15/16 | 3/4   | 3-5/16  | 1-37/64 | 1-11/16 | 31/64 | 29/32  | 2-7/8   | 5-3/4   | 9/16 | 3/16 |
|              | 1-1/8      | 2.8                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
| 207          | 1-3/16     | 2.7                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 1-1/4      | 2.6                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 30mm       | 1.1                    | 35.3    | 158.8 | 44.1    | 108.0   | 127.0  | M12               | 23.8  | 19.1  | 84.1    | 40.1    | 42.9    | 12.3  | 23.0   | 73.0    | 146.1   | 14.3 | 4.8  |
| 207          | 1-1/4      | 4.5                    | 1-17/32 | 6-1/2 | 1-47/64 | 4-11/16 | 5-7/16 | 1/2               | 15/16 | 45/64 | 3-3/4   | 1-27/32 | 1-7/8   | 1/2   | 1-1/32 | 2-29/32 | 5-13/16 | 9/16 | 3/16 |
|              | 1-5/16     | 4.4                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 1-3/8      | 4.3                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
| 207          | 1-7/16     | 4.2                    |         |       |         |         |        |                   |       |       |         |         |         |       |        |         |         |      |      |
|              | 35mm       | 1.5                    | 38.9    | 165.1 | 44.1    | 119.1   | 138.1  | M12               | 23.8  | 17.9  | 95.3    | 46.8    | 47.6    | 12.7  | 26.2   | 73.8    | 147.6   | 14.3 | 4.8  |

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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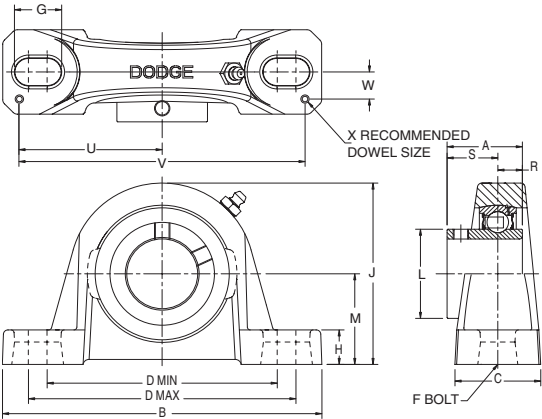


# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCAH AND SCUAH AIR HANDLING NORMAL DUTY PILLOW BLOCK

**Lube Fitting**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



| Series    | Shaft Size | Part No.      | Description   |
|-----------|------------|---------------|---------------|
| 208       | 1-1/2      | <b>123909</b> | P2B-SCAH-108  |
|           | 1-5/8      | <b>056750</b> | P2B-SCAH-110  |
|           | 40mm       | @             | P2B-SCAH-40M  |
| 209       | 1-5/8      | @             | P2B-SCAH-110L |
|           | 1-11/16    | <b>123910</b> | P2B-SCAH-111  |
|           | 1-3/4      | <b>123911</b> | P2B-SCAH-112  |
|           | 45mm       | <b>052413</b> | P2B-SCAH-45M  |
| 210       | 1-15/16    | <b>123912</b> | P2B-SCAH-115  |
|           | 2          | @             | P2B-SCAH-200  |
|           | 50mm       | <b>052414</b> | P2B-SCAH-50M  |
| 211       | 2          | <b>126847</b> | P2B-SCMAH-200 |
|           | 2-3/16     | <b>123913</b> | P2B-SCAH-203  |
|           | 2-1/4      | @             | P2B-SCAH-204  |
|           | 55mm       | @             | P2B-SCAH-55M  |
| 212       | 2-1/4      | @             | P2B-SCMAH-204 |
|           | 2-7/16     | <b>123914</b> | P2B-SCAH-207  |
|           | 60mm       | <b>054009</b> | P2B-SCAH-60M  |
| 214       | 2-1/2      | @             | P2B-SCMAH-204 |
|           | 2-11/16    | <b>124872</b> | P2B-SCAH-211  |
|           | 70mm       | @             | P2B-SCAH-70M  |
| 215       | 2-15/16    | <b>123915</b> | P2B-SCAH-215  |
|           | 75mm       | @             | P2B-SCAH-75M  |
| 215 (SCU) | 2-15/16    | @             | P2B-SCUAH-215 |
|           | 75mm       | @             | P2B-SCUAH-75M |

© Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SCAH AND SCUAH AIR HANDLING NORMAL DUTY PILLOW BLOCK

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series    | Shaft Size | Weight<br>lbs<br>kgs | A       | B      | C       | D      |         | F<br>Bolt<br>Dia. | G      | H     | J       | L       | M     | R     | S       | U       | V        | W      | X    |
|-----------|------------|----------------------|---------|--------|---------|--------|---------|-------------------|--------|-------|---------|---------|-------|-------|---------|---------|----------|--------|------|
|           |            |                      |         |        |         | min.   | max.    |                   |        |       |         |         |       |       |         |         |          |        |      |
| 208       | 1-1/2      | 5.4                  | 1-11/16 | 7-1/4  | 1-15/16 | 5-3/16 | 5-7/8   | 1/2               | 29/32  | 15/16 | 4-3/16  | 2-3/64  | 2-1/8 | 19/32 | 1-3/32  | 3-17/64 | 6-17/32  | 11/16  | 3/16 |
|           | 1-5/8      | 5.3                  |         |        |         |        |         |                   |        |       |         |         |       |       |         |         |          |        |      |
|           | 40mm       | 2.2                  | 42.9    | 184.2  | 49.2    | 131.8  | 149.2   | M12               | 23.0   | 23.8  | 106.4   | 52.0    | 54.0  | 15.1  | 27.8    | 82.9    | 165.9    | 17.5   | 4.8  |
| 209       | 1-5/8      | 6.6                  | 1-23/32 | 7-7/16 | 2       | 5-1/2  | 6-3/8   | 1-2               | 29/32  | 3/4   | 4-9/32  | 2-7/32  | 2-1/8 | 19/32 | 1-1/8   | 3-3/8   | 6-3/4    | 11/16  | 3/16 |
|           | 1-11/16    | 6.4                  |         |        |         |        |         |                   |        |       |         |         |       |       |         |         |          |        |      |
|           | 1-3/4      | 6.2                  |         |        |         |        |         |                   |        |       |         |         |       |       |         |         |          |        |      |
| 210       | 45mm       | 2.2                  | 43.7    | 188.9  | 50.8    | 139.7  | 160.9   | M12               | 23.0   | 19.1  | 108.7   | 56.4    | 54.0  | 15.1  | 28.6    | 85.7    | 171.5    | 17.5   | 4.8  |
|           | 1-15/16    | 7.2                  | 1-3/4   | 8-1/8  | 2-1/4   | 6      | 6-11/16 | 5/8               | 1-1/16 | 3/4   | 4-17/32 | 2-7/16  | 2-1/4 | 19/32 | 1-5/32  | 3-11/16 | 7-3/8    | 13/16  | 3/16 |
|           | 2          | 7.0                  |         |        |         |        |         |                   |        |       |         |         |       |       |         |         |          |        |      |
| 211       | 50mm       | 2.6                  | 44.5    | 206.4  | 57.2    | 152.40 | 169.9   | M16               | 27.0   | 19.1  | 115.1   | 61.9    | 57.2  | 15.1  | 29.4    | 93.7    | 187.3    | 20.6   | 4.8  |
|           | 2          | 9.0                  | 1-27/32 | 8-7/8  | 2-5/16  | 6-3/8  | 7-7/16  | 5/8               | 1-7/32 | 7/8   | 4-31/32 | 2-23/32 | 2-1/2 | 5/8   | 1-7/32  | 3-15/16 | 7-7/8    | 13/16  | 3/16 |
|           | 2-3/16     | 8.9                  |         |        |         |        |         |                   |        |       |         |         |       |       |         |         |          |        |      |
| 212       | 2-1/4      | 8.8                  |         |        |         |        |         |                   |        |       |         |         |       |       |         |         |          |        |      |
|           | 55mm       | 3.3                  | 46.8    | 225.4  | 58.7    | 161.9  | 188.9   | M16               | 31.0   | 22.2  | 126.2   | 69.1    | 63.5  | 15.9  | 31.0    | 100.0   | 200.0    | 20.6   | 4.8  |
|           | 2-1/4      | 10.8                 | 1-63/64 | 9-1/2  | 2-3/8   | 6-7/8  | 7-15/16 | 5/8               | 1-7/32 | 7/8   | 5-13/32 | 2-31/32 | 2-3/4 | 43/64 | 1-5/16  | 4-1/4   | 8-1/2    | 7/8    | 3/16 |
| 214       | 2-7/16     | 10.2                 |         |        |         |        |         |                   |        |       |         |         |       |       |         |         |          |        |      |
|           | 60mm       | 4.2                  | 50.4    | 241.3  | 60.3    | 174.6  | 201.6   | M16               | 31.0   | 22.2  | 137.3   | 75.4    | 69.9  | 17.1  | 33.3    | 108.0   | 215.9    | 22.2   | 4.8  |
|           | 2-1/2      | 15.5                 | 2-15/64 | 10-3/4 | 2-11/16 | 7-1/2  | 8-1/2   | 3/4               | 1-5/16 | 15/16 | 6-3/32  | 3-5/16  | 3     | 51/64 | 1-7/16  | 4-7/8   | 9-3/4    | 15/16  | 3/16 |
| 215       | 2-11/16    | 15.0                 |         |        |         |        |         |                   |        |       |         |         |       |       |         |         |          |        |      |
|           | 70mm       | 6.9                  | 56.8    | 273.1  | 68.3    | 190.5  | 215.9   | M18               | 33.3   | 23.8  | 154.8   | 84.1    | 76.2  | 20.2  | 36.5    | 123.8   | 247.7    | 23.8   | 4.8  |
|           | 2-15/16    | 20.5                 | 2-9/32  | 11-3/4 | 2-7/8   | 8-1/2  | 9-1/2   | 7/8               | 1-7/16 | 1     | 6-3/4   | 3-5/8   | 3-1/2 | 13/16 | 1-15/32 | 5-31/64 | 10-31/32 | 1-3/64 | 3/16 |
| 215 (SCU) | 75mm       | 7.9                  | 57.9    | 298.5  | 73.0    | 215.9  | 241.3   | M22               | 36.5   | 25.4  | 171.5   | 92.1    | 88.9  | 20.6  | 37.3    | 139.3   | 278.6    | 26.6   | 4.8  |
|           | 2-15/16    | 20.7                 | 2-9/32  | 11-3/4 | 2-7/8   | 8-1/2  | 9-1/2   | 7/8               | 1-7/16 | 1     | 6-1/2   | 3-5/8   | 3-1/4 | 13/16 | 1-15/32 | 5-31/64 | 10-31/32 | 1-3/64 | 3/16 |
|           | 75mm       | 8.0                  | 57.9    | 298.5  | 73.0    | 215.9  | 241.3   | M22               | 36.5   | 25.4  | 165.1   | 92.1    | 82.6  | 20.6  | 37.3    | 139.3   | 278.6    | 26.6   | 4.8  |

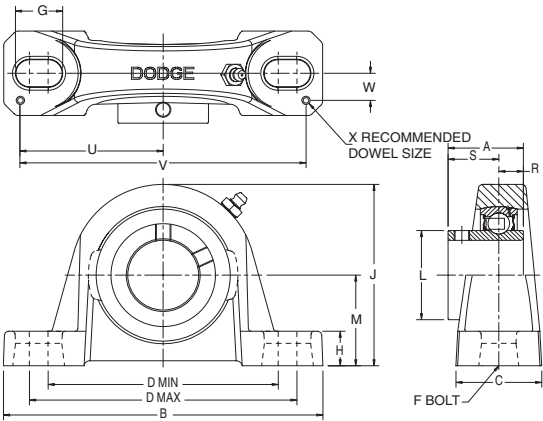
|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCB NORMAL DUTY PILLOW BLOCKS

**Lube Fitting**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



| Series      | Shaft Size | Part No.      | Description        |
|-------------|------------|---------------|--------------------|
| 203<br>(SC) | 1/2        | <b>123830</b> | P2B-SC-008         |
|             | 5/8        | <b>123831</b> | P2B-SC-010         |
|             | 17mm       | <b>053170</b> | <i>P2B-SC-17M</i>  |
| 204         | 1/2        | <b>123854</b> | P2B-SCB-008L       |
|             | 5/8        | <b>123855</b> | P2B-SCB-010L       |
|             | 3/4        | <b>123860</b> | P2B-SCB-012        |
|             | 20mm       | <b>@</b>      | <i>P2B-SCB-20M</i> |
| 205         | 7/8        | <b>123861</b> | P2B-SCB-014        |
|             | 15/16      | <b>123862</b> | P2B-SCB-015        |
|             | 1          | <b>123863</b> | P2B-SCB-100        |
|             | 25mm       | <b>125768</b> | <i>P2B-SCB-25M</i> |
| 206         | 1-1/16     | <b>123856</b> | P2B-SCB-101        |
|             | 1-1/8      | <b>123864</b> | P2B-SCB-102        |
|             | 1-3/16     | <b>123865</b> | P2B-SCB-103        |
|             | 1-1/4      | <b>123171</b> | P2B-SCB-104S       |
|             | 30mm       | <b>125760</b> | <i>P2B-SCB-30M</i> |
| 207         | 1-1/4      | <b>123866</b> | P2B-SCB-104        |
|             | 1-5/16     | <b>123857</b> | P2B-SCB-105        |
|             | 1-3/8      | <b>123867</b> | P2B-SCB-106        |
|             | 1-7/16     | <b>123868</b> | P2B-SCB-107        |
|             | 35mm       | <b>124944</b> | <i>P2B-SCB-35M</i> |

@ Assembled to order.

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCB NORMAL DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series      | Shaft Size | Weight<br>lb.<br>kg | A       | B     | C       | D       |        | F<br>Bolt<br>Dia. | G     | H      | J       | L       | M       | R     | S      | U       | V       | W    | X    |
|-------------|------------|---------------------|---------|-------|---------|---------|--------|-------------------|-------|--------|---------|---------|---------|-------|--------|---------|---------|------|------|
|             |            |                     |         |       |         | Min.    | Max.   |                   |       |        |         |         |         |       |        |         |         |      |      |
| 203<br>(SC) | 1/2        | 1.1                 | 1       | 5     | 1-31/64 | 3-1/4   | 4-1/16 | 3/8               | 27/32 | 2-9/64 | 2-9/64  | 31/32   | 1-1/16  | 23/64 | 41/64  | 2-1/4   | 4-1/2   | 3/8  | 1/8  |
|             | 5/8        | 1.0                 |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|             | 17mm       | 0.4                 | 25.4    | 127.0 | 30.6    | 82.6    | 103.2  | M10               | 21.4  | 11.4   | 54.4    | 24.6    | 27.0    | 9.1   | 16.3   | 57.2    | 114.3   | 9.5  | 3.2  |
| 204         | 1/2        | 1.6                 | 1-5/32  | 5-1/4 | 1-21/64 | 3-3/8   | 4-3/16 | 3/8               | 27/32 | 29/64  | 2-1/2   | 1-1/8   | 1-1/4   | 27/64 | 47/64  | 2-1/4   | 4-1/2   | 1/2  | 1/8  |
|             | 5/8        | 1.5                 |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|             | 3/4        | 1.4                 |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
| 205         | 20mm       | 0.7                 | 29.4    | 133.4 | 33.7    | 85.7    | 106.4  | M10               | 21.4  | 11.5   | 63.5    | 28.6    | 31.8    | 10.7  | 18.7   | 57.2    | 114.3   | 12.7 | 3.2  |
|             | 7/8        | 1.8                 | 1-3/16  | 5-1/2 | 1-13/32 | 3-11/16 | 4-1/2  | 3/8               | 27/32 | 29/64  | 2-21/32 | 1-5/16  | 1-5/16  | 27/64 | 49/64  | 2-1/2   | 5       | 1/2  | 3/16 |
|             | 15/16      | 1.7                 |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
| 206         | 1          | 1.6                 |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|             | 25mm       | 0.7                 | 30.2    | 139.7 | 35.7    | 93.7    | 114.3  | M10               | 21.4  | 11.5   | 67.5    | 33.3    | 33.3    | 10.7  | 19.4   | 63.5    | 127.0   | 12.7 | 4.8  |
|             | 1-1/16     | 2.8                 | 1-25/64 | 6-1/4 | 1-47/64 | 4-1/4   | 5      | 1/2               | 15/16 | 5/8    | 3-3/16  | 1-37/64 | 1-9/16  | 31/64 | 29/32  | 2-7/8   | 5-3/4   | 9/16 | 3/16 |
| 207         | 1-1/8      | 2.7                 |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|             | 1-3/16     | 2.6                 |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|             | 1-1/4      | 2.5                 |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
| 207         | 30mm       | 1.1                 | 35.3    | 158.8 | 44.1    | 108.0   | 127.0  | M12               | 23.8  | 15.9   | 81.0    | 40.1    | 39.7    | 12.3  | 23.0   | 73.0    | 146.1   | 14.3 | 4.8  |
|             | 1-1/4      | 4.5                 | 1-17/32 | 6-1/2 | 1-47/64 | 4-11/16 | 5-7/16 | 1/2               | 15/16 | 41/64  | 3-11/16 | 1-27/32 | 1-13/16 | 1/2   | 1-1/32 | 2-29/32 | 5-13/16 | 9/16 | 3/16 |
|             | 1-5/16     | 4.4                 |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
| 207         | 1-3/8      | 4.3                 |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|             | 1-7/16     | 4.2                 |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|             | 35mm       | 1.5                 | 38.9    | 165.1 | 44.1    | 119.1   | 138.1  | M12               | 23.8  | 16.3   | 93.7    | 46.8    | 46.0    | 12.7  | 26.2   | 73.8    | 147.6   | 14.3 | 4.8  |

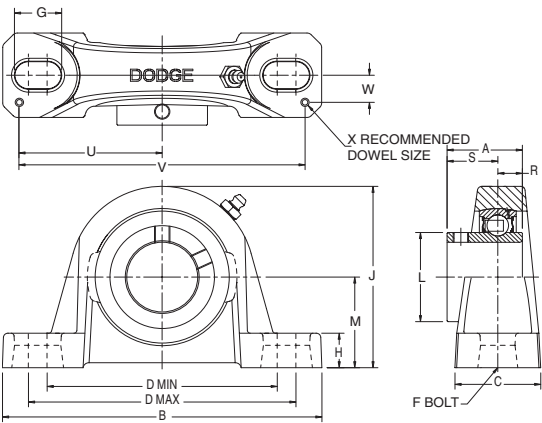
|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCB NORMAL DUTY PILLOW BLOCKS

**Lube Fitting**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



| Series | Shaft Size | Part No.      | Description  |
|--------|------------|---------------|--------------|
| 208    | 1-1/2      | <b>123869</b> | P2B-SCB-108  |
|        | 1-5/8      | <b>123858</b> | P2B-SCB-110  |
|        | 40mm       | <b>125856</b> | P2B-SCB-40M  |
| 209    | 1-5/8      | @             | P2B-SCB-110L |
|        | 1-11/16    | <b>123870</b> | P2B-SCB-111  |
|        | 1-3/4      | <b>123871</b> | P2B-SCB-112  |
|        | 45mm       | <b>051878</b> | P2B-SCB-45M  |
| 210    | 1-15/16    | <b>123872</b> | P2B-SCB-115  |
|        | 2          | <b>123873</b> | P2B-SCB-200  |
|        | 50mm       | <b>051879</b> | P2B-SCB-50M  |
| 211    | 2          | <b>057603</b> | P2B-SCB-200L |
|        | 2-3/16     | <b>123874</b> | P2B-SCB-203  |
|        | 2-1/4      | <b>123589</b> | P2B-SCB-204  |
|        | 55mm       | <b>124943</b> | P2B-SCB-55M  |
| 212    | 2-1/4      | @             | P2B-SCB-204L |
|        | 2-7/16     | <b>123875</b> | P2B-SCB-207  |
|        | 60mm       | <b>051880</b> | P2B-SCB-60M  |
| 215    | 2-15/16    | <b>123727</b> | P2B-SCB-215  |
|        | 75mm       | @             | P2B-SCB-75M  |

@ Assembled to order.

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCB NORMAL DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight<br>lbs<br>kgs | A       | B      | C       | D      |         | F<br>Bolt<br>Dia. | G      | H      | J       | L       | M       | R     | S       | U       | V        | W      | X    |
|--------|------------|----------------------|---------|--------|---------|--------|---------|-------------------|--------|--------|---------|---------|---------|-------|---------|---------|----------|--------|------|
|        |            |                      |         |        |         | Min.   | Max.    |                   |        |        |         |         |         |       |         |         |          |        |      |
| 208    | 1-1/2      | 5.4                  | 1-11/16 | 7-1/4  | 1-15/16 | 5-3/16 | 5-7/8   | 1/2               | 29/32  | 3/4    | 4       | 2-3/64  | 1-15/16 | 19/32 | 1-3/32  | 3-17/64 | 6-17/32  | 11/16  | 3/16 |
|        | 1-5/8      | 5.3                  |         |        |         |        |         |                   |        |        |         |         |         |       |         |         |          |        |      |
|        | 40mm       | 2.2                  | 42.9    | 184.2  | 49.2    | 131.8  | 149.2   | M12               | 23.0   | 19.1   | 101.6   | 52.0    | 49.2    | 15.1  | 27.8    | 82.9    | 165.9    | 17.5   | 4.8  |
| 209    | 1-5/8      | 6.6                  | 1-23/32 | 7-7/16 | 2       | 5-1/2  | 6-3/8   | 1/2               | 29/32  | 11/16  | 4-7/32  | 2-7/32  | 2-1/16  | 19/32 | 1-1/8   | 3-3/8   | 6-3/4    | 11/16  | 3/16 |
|        | 1-11/16    | 6.4                  |         |        |         |        |         |                   |        |        |         |         |         |       |         |         |          |        |      |
|        | 1-3/4      | 6.2                  |         |        |         |        |         |                   |        |        |         |         |         |       |         |         |          |        |      |
|        | 45mm       | 2.2                  | 43.7    | 188.9  | 50.8    | 139.7  | 161.9   | M12               | 23.0   | 17.5   | 107.2   | 56.4    | 52.4    | 15.1  | 28.6    | 85.7    | 171.5    | 17.5   | 4.8  |
| 210    | 1-15/16    | 7.2                  | 1-3/4   | 8-1/8  | 2-1/4   | 6      | 6-11/16 | 5/8               | 1-1/64 | 11/16  | 4-15/32 | 2-7/16  | 2-3/16  | 19/32 | 1-5/32  | 3-11/16 | 7-3/8    | 13/16  | 3/16 |
|        | 2          | 7.0                  |         |        |         |        |         |                   |        |        |         |         |         |       |         |         |          |        |      |
|        | 50mm       | 2.6                  | 44.5    | 206.4  | 57.2    | 152.4  | 169.9   | M16               | 25.8   | 17.5   | 113.5   | 61.9    | 55.6    | 15.1  | 29.4    | 93.7    | 187.3    | 20.6   | 4.8  |
| 211    | 2          | 9.0                  | 1-27/32 | 8-7/8  | 2-5/16  | 6-3/8  | 7-7/16  | 5/8               | 1-7/32 | 13/16  | 4-29/32 | 2-23/32 | 2-7/16  | 5/8   | 1-7/32  | 3-15/16 | 7-7/8    | 13/16  | 3/16 |
|        | 2-3/16     | 8.9                  |         |        |         |        |         |                   |        |        |         |         |         |       |         |         |          |        |      |
|        | 2-1/4      | 8.8                  |         |        |         |        |         |                   |        |        |         |         |         |       |         |         |          |        |      |
|        | 55mm       | 3.3                  | 46.8    | 225.4  | 58.7    | 161.9  | 188.9   | M16               | 31.0   | 20.6   | 124.6   | 69.1    | 61.9    | 15.9  | 31.0    | 100.0   | 200.0    | 20.6   | 4.8  |
| 212    | 2-1/4      | 10.8                 | 1-63/64 | 9-1/2  | 2-3/8   | 6-7/8  | 7-15/16 | 5/8               | 1-7/32 | 13/16  | 5-11/32 | 2-31/32 | 2-11/16 | 43/64 | 1-5/16  | 4-1/4   | 8-1/2    | 7/8    | 3/16 |
|        | 2-7/16     | 10.2                 |         |        |         |        |         |                   |        |        |         |         |         |       |         |         |          |        |      |
|        | 60mm       | 4.2                  | 50.4    | 241.3  | 60.3    | 174.6  | 201.6   | M16               | 31.0   | 20.6   | 135.7   | 75.4    | 68.3    | 17.1  | 33.3    | 108.0   | 215.9    | 22.2   | 4.8  |
| 215    | 2-15/16    | 20.5                 | 2-9/32  | 11-3/4 | 2-7/8   | 8-1/2  | 9-1/2   | 7/8               | 1-7/16 | 1-1/16 | 6-9/16  | 3-5/8   | 3-5/16  | 13/16 | 1-15/32 | 5-31/64 | 10-31/32 | 1-3/64 | 3/16 |
|        | 75mm       | 7.9                  | 57.9    | 298.5  | 73.0    | 215.9  | 241.3   | M22               | 36.5   | 27.0   | 166.7   | 92.1    | 84.1    | 20.6  | 37.3    | 139.3   | 278.6    | 26.6   | 4.8  |

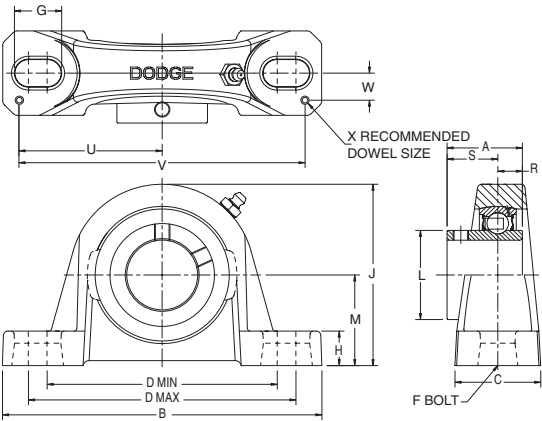
|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCBAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS

**Lube Fitting**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



| Series | Shaft Size | Part No.      | Description    |
|--------|------------|---------------|----------------|
| 203    | 1/2        | <b>123725</b> | P2B-SCAH-008   |
|        | 5/8        | <b>123958</b> | P2B-SCAH-010   |
|        | 17mm       | @             | P2B-SCAH-17M   |
| 204    | 1/2        | @             | P2B-SCBAH-008L |
|        | 5/8        | @             | P2B-SCBAH-010L |
|        | 3/4        | <b>123959</b> | P2B-SCBAH-012  |
|        | 20mm       | @             | P2B-SCBAH-20M  |
| 205    | 7/8        | @             | P2B-SCBAH-014  |
|        | 15/16      | @             | P2B-SCBAH-015  |
|        | 1          | <b>123960</b> | P2B-SCBAH-100  |
|        | 25mm       | @             | P2B-SCBAH-25M  |
| 206    | 1-1/16     | @             | P2B-SCBAH-101  |
|        | 1-1/8      | @             | P2B-SCBAH-102  |
|        | 1-3/16     | <b>123961</b> | P2B-SCBAH-103  |
|        | 1-1/4      | <b>123962</b> | P2B-SCBAH-104S |
|        | 30mm       | @             | P2B-SCBAH-30M  |
| 207    | 1-1/4      | <b>123963</b> | P2B-SCBAH-104  |
|        | 1-5/16     | @             | P2B-SCBAH-105  |
|        | 1-3/8      | @             | P2B-SCBAH-106  |
|        | 1-7/16     | <b>123918</b> | P2B-SCBAH-107  |
|        | 35mm       | @             | P2B-SCBAH-35M  |

@ Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SCBAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight<br>lbs<br>kgs | A       | B     | C       | D       |        | F<br>Bolt<br>Dia. | G     | H      | J       | L       | M       | R     | S      | U       | V       | W    | X    |
|--------|------------|----------------------|---------|-------|---------|---------|--------|-------------------|-------|--------|---------|---------|---------|-------|--------|---------|---------|------|------|
|        |            |                      |         |       |         | min.    | max.   |                   |       |        |         |         |         |       |        |         |         |      |      |
| 203    | 1/2        | 1.1                  | 1       | 5     | 1-31/64 | 3-1/4   | 4-1/16 | 3/8               | 27/32 | 2-9/64 | 2-9/64  | 31/32   | 1-1/16  | 23/64 | 41/64  | 2-1/4   | 4-1/2   | 3/8  | 1/8  |
|        | 5/8        | 1.0                  |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|        | 17mm       | 0.4                  | 25.4    | 127.0 | 30.6    | 82.6    | 103.2  | M10               | 21.4  | 11.4   | 54.4    | 24.6    | 27.0    | 9.1   | 16.3   | 57.2    | 114.3   | 9.5  | 3.2  |
| 204    | 1/2        | 1.6                  | 1-5/32  | 5-1/4 | 1-21/64 | 3-3/8   | 4-3/16 | 3/8               | 27/32 | 29/64  | 2-1/2   | 1-1/8   | 1-1/4   | 27/64 | 47/64  | 2-1/4   | 4-1/2   | 1/2  | 1/8  |
|        | 5/8        | 1.5                  |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|        | 3/4        | 1.4                  |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|        | 20mm       | 0.7                  | 29.4    | 133.4 | 33.7    | 85.7    | 106.4  | M10               | 21.4  | 11.5   | 63.5    | 28.6    | 31.8    | 10.7  | 18.7   | 57.2    | 114.3   | 12.7 | 3.2  |
| 205    | 7/8        | 1.8                  | 1-3/16  | 5-1/2 | 1-13/32 | 3-11/16 | 4-1/2  | 3/8               | 27/32 | 29/64  | 2-21/32 | 1-5/16  | 1-5/16  | 27/64 | 49/64  | 2-1/2   | 5       | 1/2  | 3/16 |
|        | 15/16      | 1.7                  |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|        | 1          | 1.6                  |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|        | 25mm       | 0.7                  | 30.2    | 139.7 | 35.7    | 93.7    | 114.3  | M10               | 21.4  | 11.5   | 67.5    | 33.3    | 33.3    | 10.7  | 19.4   | 63.5    | 127.0   | 12.7 | 4.8  |
| 206    | 1-1/16     | 2.8                  | 1-25/64 | 6-1/4 | 1-47/64 | 4-1/4   | 5      | 1/2               | 15/16 | 5/8    | 3-3/16  | 1-37/64 | 1-9/16  | 31/64 | 29/32  | 2-7/8   | 5-3/4   | 9/16 | 3/16 |
|        | 1-1/8      | 2.7                  |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|        | 1-3/16     | 2.6                  |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|        | 1-1/4      | 2.5                  |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|        | 30mm       | 1.1                  | 35.3    | 158.8 | 44.1    | 108.0   | 127.0  | M12               | 23.8  | 15.9   | 81.0    | 40.1    | 39.7    | 12.3  | 23.0   | 73.0    | 146.1   | 14.3 | 4.8  |
| 207    | 1-1/4      | 4.5                  | 1-17/32 | 6-1/2 | 1-47/64 | 4-11/16 | 5-7/16 | 1/2               | 15/16 | 41/64  | 3-11/16 | 1-27/32 | 1-13/16 | 1/2   | 1-1/32 | 2-29/32 | 5-13/16 | 9/16 | 3/16 |
|        | 1-5/16     | 4.4                  |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|        | 1-3/8      | 4.3                  |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|        | 1-7/16     | 4.2                  |         |       |         |         |        |                   |       |        |         |         |         |       |        |         |         |      |      |
|        | 35mm       | 1.5                  | 38.9    | 165.1 | 44.1    | 119.1   | 138.1  | M12               | 23.8  | 16.3   | 93.7    | 46.8    | 46.0    | 12.7  | 26.2   | 73.8    | 147.6   | 14.3 | 4.8  |

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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|--------------------------------|---------------------------|------------------------|-----------------------------------------|

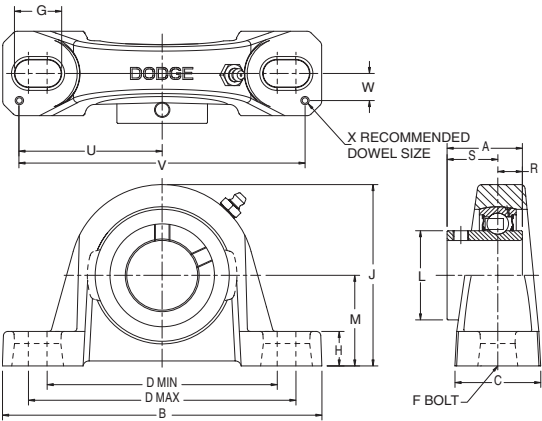


# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCBAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS

**Lube Fitting**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



| Series | Shaft Size | Part No.      | Description    |
|--------|------------|---------------|----------------|
| 208    | 1-1/2      | <b>123936</b> | P2B-SCBAH-108  |
|        | 1-5/8      | @             | P2B-SCBAH-110  |
|        | 40mm       | <b>054727</b> | P2B-SCBAH-40M  |
| 209    | 1-5/8      | @             | P2B-SCBAH-110L |
|        | 1-11/16    | <b>123964</b> | P2B-SCBAH-111  |
|        | 1-3/4      | @             | P2B-SCBAH-112  |
|        | 45mm       | @             | P2B-SCBAH-45M  |
| 210    | 1-15/16    | <b>123938</b> | P2B-SCBAH-115  |
|        | 2          | <b>123693</b> | P2B-SCBAH-200  |
|        | 50mm       | @             | P2B-SCBAH-50M  |
| 211    | 2          | @             | P2B-SCBAH-200L |
|        | 2-3/16     | <b>123965</b> | P2B-SCBAH-203  |
|        | 2-1/4      | @             | P2B-SCBAH-204  |
|        | 55mm       | @             | P2B-SCBAH-55M  |
| 212    | 2-1/4      | @             | P2B-SCBAH-204L |
|        | 2-7/16     | <b>123966</b> | P2B-SCBAH-207  |
|        | 60mm       | @             | P2B-SCBAH-60M  |
| 215    | 2-15/16    | @             | P2B-SCBAH-215  |
|        | 75mm       | @             | P2B-SCBAH-75M  |

@ Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SCBAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight lbs<br>kgs | A       | B      | C       | D      |         | F Bolt Dia. | G      | H      | J       | L       | M       | R     | S       | U       | V        | W      | X    |
|--------|------------|-------------------|---------|--------|---------|--------|---------|-------------|--------|--------|---------|---------|---------|-------|---------|---------|----------|--------|------|
|        |            |                   |         |        |         | min.   | max.    |             |        |        |         |         |         |       |         |         |          |        |      |
| 208    | 1-1/2      | 5.4               | 1-11/16 | 7-1/4  | 1-15/16 | 5-3/16 | 5-7/8   | 1/2         | 29/32  | 3/4    | 4       | 2-3/64  | 1-15/16 | 19/32 | 1-3/32  | 3-17/64 | 6-17/32  | 11/16  | 3/16 |
|        | 1-5/8      | 5.3               |         |        |         |        |         |             |        |        |         |         |         |       |         |         |          |        |      |
|        | 40mm       | 2.2               | 42.9    | 184.2  | 49.2    | 131.8  | 149.2   | M12         | 23.0   | 19.1   | 101.6   | 52.0    | 49.2    | 15.1  | 27.8    | 82.9    | 165.9    | 17.5   | 4.8  |
| 209    | 1-5/8      | 6.5               | 1-23/32 | 7-7/16 | 2       | 5-1/2  | 6-3/8   | 1/2         | 29/32  | 11/16  | 4-7/32  | 2-7/32  | 2-1/16  | 19/32 | 1-1/8   | 3-3/8   | 6-3/4    | 11/16  | 3/16 |
|        | 1-11/16    | 6.4               |         |        |         |        |         |             |        |        |         |         |         |       |         |         |          |        |      |
|        | 1-3/4      | 6.2               |         |        |         |        |         |             |        |        |         |         |         |       |         |         |          |        |      |
|        | 45mm       | 2.2               | 43.7    | 188.9  | 50.8    | 139.7  | 161.9   | M12         | 23.0   | 17.5   | 107.2   | 56.4    | 52.4    | 15.1  | 28.6    | 85.7    | 171.5    | 17.5   | 4.8  |
| 210    | 1-15/16    | 7.2               | 1-3/4   | 8-1/8  | 2-1/4   | 6      | 6-11/16 | 5/8         | 1-1/64 | 11/16  | 4-15/32 | 2-7/16  | 2-3/16  | 19/32 | 1-5/32  | 3-11/16 | 7-3/8    | 13/16  | 3/16 |
|        | 2          | 7.0               |         |        |         |        |         |             |        |        |         |         |         |       |         |         |          |        |      |
|        | 50mm       | 2.6               | 44.5    | 206.4  | 57.2    | 152.4  | 169.9   | M16         | 25.8   | 17.5   | 113.5   | 61.9    | 55.6    | 15.1  | 29.4    | 93.7    | 187.3    | 20.6   | 4.8  |
| 211    | 2          | 9.0               | 1-27/32 | 8-7/8  | 2-5/16  | 6-3/8  | 7-7/16  | 5/8         | 1-7/32 | 13/16  | 4-29/32 | 2-23/32 | 2-7/16  | 5/8   | 1-7/32  | 3-15/16 | 7-7/8    | 13/16  | 3/16 |
|        | 2-3/16     | 8.9               |         |        |         |        |         |             |        |        |         |         |         |       |         |         |          |        |      |
|        | 2-1/4      | 8.8               |         |        |         |        |         |             |        |        |         |         |         |       |         |         |          |        |      |
|        | 55mm       | 3.3               | 4.68    | 225.4  | 58.7    | 161.9  | 188.9   | M16         | 31.0   | 20.6   | 124.6   | 69.1    | 61.9    | 15.9  | 31.0    | 100.0   | 200.0    | 20.6   | 4.8  |
| 212    | 2-1/4      | 10.8              | 1-63/64 | 9-1/2  | 2-3/8   | 6-7/8  | 7-15/16 | 5/8         | 1-7/32 | 13/16  | 5-11/32 | 2-31/32 | 2-11/16 | 43/64 | 1-5/16  | 4-1/4   | 8-1/2    | 7/8    | 3/16 |
|        | 2-7/16     | 10.2              |         |        |         |        |         |             |        |        |         |         |         |       |         |         |          |        |      |
|        | 60mm       | 4.2               | 50.4    | 241.3  | 60.3    | 174.6  | 201.6   | M16         | 31.0   | 20.6   | 135.7   | 75.4    | 68.3    | 17.1  | 33.3    | 108.0   | 215.9    | 22.2   | 4.8  |
| 215    | 2-15/16    | 20.5              | 2-9/32  | 11-3/4 | 2-7/8   | 8-1/2  | 9-1/2   | 7/8         | 1-7/16 | 1-1/16 | 6-9/16  | 3-5/8   | 3-5/16  | 13/16 | 1-15/32 | 5-31/64 | 10-31/32 | 1-3/64 | 3/16 |
|        | 75mm       | 7.9               | 57.9    | 298.5  | 73.0    | 215.9  | 241.3   | M12         | 36.5   | 27.0   | 166.7   | 92.1    | 84.1    | 20.6  | 37.3    | 139.3   | 278.6    | 26.6   | 4.8  |

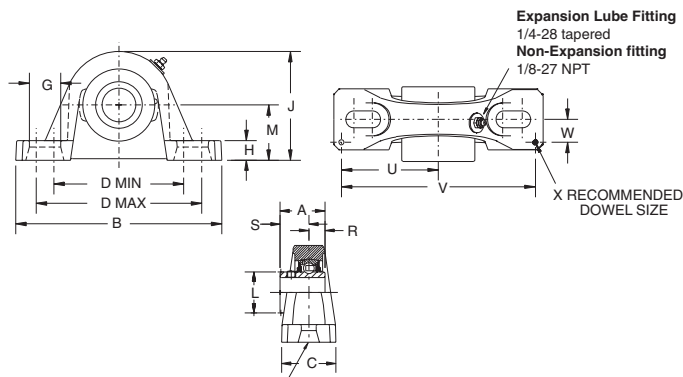
|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SCH-E EXPANSION AND SCH NON-EXPANSION NORMAL DUTY PILLOW BLOCKS



| Series | Shaft Size | Expansion          |                                | Non-Expansion |                            | Alternative                    |                            |
|--------|------------|--------------------|--------------------------------|---------------|----------------------------|--------------------------------|----------------------------|
|        |            | Part No.           | Description                    | Part No.      | Description                | Part No.                       | Non-Exp. Description       |
| 205    | 1<br>25mm  | <b>064637</b><br>@ | P2B-SCH-100-E<br>P2B-SCH-25M-E | #<br>#        | P2B-SCH-100<br>P2B-SCH-25M | <b>126147</b><br><b>125925</b> | P2B-SCM-100<br>P2B-SCM-25M |
| 206    | 1          | <b>049692</b>      | P2B-SCMH-100-E                 | @             | P2B-SCMH-100               | ---                            | ---                        |
|        | 1-1/16     | @                  | P2B-SCH-101-E                  | @             | P2B-SCH-101                | ---                            | ---                        |
|        | 1-1/8      | @                  | P2B-SCH-102-E                  | @             | P2B-SCH-102                | ---                            | ---                        |
|        | 1-3/16     | <b>126405</b>      | P2B-SCH-103-E                  | <b>126400</b> | P2B-SCH-103                | <b>126148</b>                  | P2B-SCM-103                |
|        | 1-1/4      | <b>053183</b>      | P2B-SCH-104S-E                 | <b>053184</b> | P2B-SCH-104S               | <b>123810</b>                  | P2B-SC-104                 |
|        | 25mm       | <b>053019</b>      | P2B-SCMH-25M-E                 | <b>053018</b> | P2B-SCMH-25M               | ---                            | ---                        |
| 207    | 30mm       | <b>053021</b>      | P2B-SCH-30M-E                  | <b>053020</b> | P2B-SCH-30M                | <b>125296</b>                  | P2B-SCM-30M                |
|        | 1-1/4      | @                  | P2B-SCH-104-E                  | @             | P2B-SCH-104                | ---                            | ---                        |
|        | 1-5/16     | @                  | P2B-SCH-105-E                  | @             | P2B-SCH-105                | ---                            | ---                        |
|        | 1-3/8      | @                  | P2B-SCH-106-E                  | @             | P2B-SCH-106                | ---                            | ---                        |
|        | 1-7/16     | <b>126406</b>      | P2B-SCH-107-E                  | <b>126401</b> | P2B-SCH-107                | <b>126810</b>                  | P2B-SCM-107                |
|        | 35mm       | @                  | P2B-SCH-35M-E                  | @             | P2B-SCH-35M                | <b>125927</b>                  | P2B-SCM-35M                |
| 209    | 1-1/2      | @                  | P2B-SCMH-108-E                 | #             | P2B-SCMH-108               | ---                            | ---                        |
|        | 1-5/8      | @                  | P2B-SCH-110L-E                 | #             | P2B-SCH-110L               | ---                            | ---                        |
|        | 1-11/16    | <b>057414</b>      | P2B-SCH-111-E                  | #             | P2B-SCH-111                | <b>126812</b>                  | P2B-SCM-111                |
|        | 1-3/4      | @                  | P2B-SCH-112-E                  | #             | P2B-SCH-112                | <b>126813</b>                  | P2B-SCM-112                |
|        | 45mm       | <b>056481</b>      | P2B-SCH-45M-E                  | #             | P2B-SCH-45M                | <b>125929</b>                  | P2B-SCM-45M                |
|        | 1-11/16    | @                  | P2B-SCMH-111-E                 | @             | P2B-SCMH-111               | ---                            | ---                        |
| 210    | 1-3/4      | @                  | P2B-SCMH-112-E                 | @             | P2B-SCMH-112               | ---                            | ---                        |
|        | 1-15/16    | <b>126407</b>      | P2B-SCH-115-E                  | <b>126402</b> | P2B-SCH-115                | <b>126814</b>                  | P2B-SCM-115                |
|        | 2          | <b>052224</b>      | P2B-SCH-200-E                  | @             | P2B-SCH-200                | <b>126875</b>                  | P2B-SCM-200                |
|        | 45mm       | <b>053023</b>      | P2B-SCMH-45M-E                 | <b>053022</b> | P2B-SCMH-45M               | ---                            | ---                        |
|        | 50mm       | @                  | P2B-SCH-50M-E                  | @             | P2B-SCH-50M                | <b>125930</b>                  | P2B-SCM-50M                |
|        | 1-15/16    | <b>052193</b>      | P2B-SCMH-115-E                 | <b>052192</b> | P2B-SCMH-115               | ---                            | ---                        |
| 211    | 2          | @                  | P2B-SCMH-200-E                 | @             | P2B-SCMH-200               | ---                            | ---                        |
|        | 2-3/16     | <b>126408</b>      | P2B-SCH-203-E                  | <b>126403</b> | P2B-SCH-203                | <b>126816</b>                  | P2B-SCM-203                |
|        | 2-1/4      | @                  | P2B-SCH-204-E                  | @             | P2B-SCH-204                | <b>126817</b>                  | P2B-SCM-204                |
|        | 55mm       | <b>053025</b>      | P2B-SCH-55M-E                  | <b>053024</b> | P2B-SCH-55M                | <b>125931</b>                  | P2B-SCM-55M                |
| 212    | 2-3/16     | <b>056879</b>      | P2B-SCMH-203-E                 | <b>056886</b> | P2B-SCMH-203               | ---                            | ---                        |
|        | 2-1/4      | <b>056887</b>      | P2B-SCMH-204-E                 | <b>056883</b> | P2B-SCMH-204               | ---                            | ---                        |
|        | 2-7/16     | <b>126409</b>      | P2B-SCH-207-E                  | <b>126404</b> | P2B-SCH-207                | <b>126818</b>                  | P2B-SCM-207                |
|        | 60mm       | @                  | P2B-SCH-60M-E                  | @             | P2B-SCH-60M                | ---                            | ---                        |

@Assembled to order

# Made to order. Minimum quantity may be required.

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SCH-E EXPANSION AND SCH NON-EXPANSION NORMAL DUTY PILLOW BLOCKS

| Series | Shaft Size | Weight<br>lbs<br>kgs | A              | B              | C             | D              |            | F Bolt     | G             | H           | J                |
|--------|------------|----------------------|----------------|----------------|---------------|----------------|------------|------------|---------------|-------------|------------------|
|        |            |                      |                |                |               | Min.           | Max.       |            |               |             |                  |
| 205    | 1<br>25mm  | 3.0<br>1.3           | 1-3/16<br>30.2 | 6-1/4<br>158.6 | 1-3/4<br>44.5 | 4-1/4<br>108.0 | 5<br>127.0 | 3/8<br>M10 | 15/16<br>23.8 | 3/4<br>19.1 | 3-15/16<br>100.0 |
| 206    | 1          | 5.0                  | 1-25/64        | 6-9/16         | 1-7/8         | 4-11/16        | 5-5/16     | 1/2        | 7/8           | 11/16       | 3-13/16          |
|        | 1-1/16     | 4.8                  |                |                |               |                |            |            |               |             |                  |
|        | 1-1/8      | 4.7                  |                |                |               |                |            |            |               |             |                  |
|        | 1-3/16     | 4.6                  |                |                |               |                |            |            |               |             |                  |
|        | 1-1/4      | 4.5                  |                |                |               |                |            |            |               |             |                  |
| 207    | 25mm       | 2.0                  |                |                |               |                |            |            |               |             |                  |
|        | 30mm       | 1.9                  | 35.3           | 166.7          | 47.6          | 119.1          | 134.9      | M12        | 22.2          | 17.5        | 96.8             |
|        | 1-1/4      | 6.7                  | 1-17/32        | 7-1/4          | 2-1/8         | 5-1/4          | 5-7/8      | 1/2        | 7/8           | 11/16       | 3-15/16          |
|        | 1-5/16     | 6.6                  |                |                |               |                |            |            |               |             |                  |
|        | 1-3/8      | 6.5                  |                |                |               |                |            |            |               |             |                  |
| 209    | 1-7/16     | 6.4                  |                |                |               |                |            |            |               |             |                  |
|        | 35mm       | 2.7                  | 38.9           | 184.2          | 54.0          | 133.4          | 149.2      | M12        | 22.2          | 17.5        | 100.0            |
|        | 1-1/2      | 6.6                  | 1-23/32        | 8-1/8          | 2-3/8         | 6              | 6-1/2      | 5/8        | 15/16         | 3/4         | 4-9/16           |
|        | 1-5/8      | 6.4                  |                |                |               |                |            |            |               |             |                  |
|        | 1-11/16    | 6.3                  |                |                |               |                |            |            |               |             |                  |
| 210    | 1-3/4      | 6.2                  |                |                |               |                |            |            |               |             |                  |
|        | 45mm       | 2.6                  | 43.7           | 206.4          | 60.3          | 152.4          | 165.1      | M12        | 23.8          | 19.1        | 115.9            |
|        | 1-11/16    | 10.0                 | 1-3/4          | 8-5/8          | 2-3/8         | 6-3/8          | 7-1/4      | 5/8        | 1-1/8         | 13/16       | 5-1/16           |
|        | 1-3/4      | 9.9                  |                |                |               |                |            |            |               |             |                  |
|        | 1-15/16    | 9.8                  |                |                |               |                |            |            |               |             |                  |
| 211    | 2          | 9.7                  |                |                |               |                |            |            |               |             |                  |
|        | 45mm       | 4.2                  |                |                |               |                |            |            |               |             |                  |
|        | 50mm       | 4.0                  | 44.5           | 219.1          | 60.3          | 161.9          | 184.2      | M16        | 28.6          | 20.6        | 128.6            |
|        | 1-15/16    | 14.7                 | 1-27/32        | 9-1/2          | 2-3/4         | 6-7/8          | 7-7/8      | 5/8        | 1-3/16        | 1           | 5-5/8            |
|        | 2          | 14.5                 |                |                |               |                |            |            |               |             |                  |
| 212    | 2-3/16     | 14.3                 |                |                |               |                |            |            |               |             |                  |
|        | 2-1/4      | 14.2                 |                |                |               |                |            |            |               |             |                  |
|        | 55mm       | 5.9                  | 46.8           | 241.3          | 69.9          | 174.6          | 200.0      | M18        | 30.2          | 25.4        | 142.9            |
|        | 2-1/4      | 17.3                 | 2-9/32         | 11-1/4         | 2-7/8         | 7-1/2          | 8-7/8      | 3/4        | 1-1/2         | 1-1/16      | 6-1/4            |
|        | 2-7/16     | 17.1                 |                |                |               |                |            |            |               |             |                  |
|        | 60mm       | 6.8                  | 57.9           | 285.8          | 73.0          | 190.5          | 225.4      | M16        | 38.1          | 27.0        | 158.8            |

| Series | Shaft Size | L              | M               | R             | S             | T           | U              | V             | W            | X           |
|--------|------------|----------------|-----------------|---------------|---------------|-------------|----------------|---------------|--------------|-------------|
| 205    | 1<br>25mm  | 1-5/16<br>33.3 | 1-11/16<br>42.9 | 27/64<br>10.7 | 49/64<br>19.4 | 5/32<br>4.0 | 1-7/16<br>36.5 | 2-7/8<br>73.0 | 9/16<br>14.3 | 3/16<br>4.8 |
| 206    | 1          | 1-37/64        | 1-7/8           | 31/64         | 29/32         | 3/16        | 2-29/32        | 5-13/16       | 9/16         | 3/16        |
|        | 1-1/16     |                |                 |               |               |             |                |               |              |             |
|        | 1-1/8      |                |                 |               |               |             |                |               |              |             |
|        | 1-3/16     |                |                 |               |               |             |                |               |              |             |
|        | 1-1/4      |                |                 |               |               |             |                |               |              |             |
| 207    | 25mm       |                |                 |               |               |             |                |               |              |             |
|        | 30mm       | 40.1           | 47.6            | 12.3          | 23.0          | 4.8         | 73.8           | 147.6         | 14.3         | 4.8         |
|        | 1-1/4      | 1-27/32        | 2-1/8           | 1/2           | 1-1/32        | 3/16        | 3-17/64        | 6-17/32       | 11/16        | 3/16        |
|        | 1-5/16     |                |                 |               |               |             |                |               |              |             |
|        | 1-3/8      |                |                 |               |               |             |                |               |              |             |
| 209    | 1-7/16     | 46.8           | 54.0            | 12.7          | 26.2          | 4.8         | 82.9           | 165.9         | 17.5         | 4.8         |
|        | 35mm       |                |                 |               |               |             |                |               |              |             |
|        | 1-1/2      | 2-7/32         | 2-1/4           | 19/32         | 1-1/8         | 1/4         | 3-11/16        | 7-3/8         | 13/16        | 3/16        |
|        | 1-5/8      |                |                 |               |               |             |                |               |              |             |
|        | 1-11/16    |                |                 |               |               |             |                |               |              |             |
| 210    | 1-3/4      | 56.4           | 57.2            | 15.1          | 28.6          | 6.4         | 93.7           | 187.3         | 20.6         | 4.8         |
|        | 45mm       |                |                 |               |               |             |                |               |              |             |
|        | 1-11/16    | 2-7/16         | 2-1/2           | 19/32         | 1-5/32        | 1/4         | 3-15/16        | 7-7/8         | 13/16        | 3/16        |
|        | 1-3/4      |                |                 |               |               |             |                |               |              |             |
|        | 1-15/16    |                |                 |               |               |             |                |               |              |             |
| 211    | 2          |                |                 |               |               |             |                |               |              |             |
|        | 45mm       | 61.9           | 63.5            | 15.1          | 29.4          | 6.4         | 100.0          | 200.0         | 20.6         | 4.8         |
|        | 50mm       |                |                 |               |               |             |                |               |              |             |
|        | 1-15/16    | 2-23/32        | 2-3/4           | 5/8           | 1-7/32        | 1/4         | 4-1/4          | 8-1/2         | 7/8          | 3/16        |
|        | 2          |                |                 |               |               |             |                |               |              |             |
| 212    | 2-3/16     |                |                 |               |               |             |                |               |              |             |
|        | 2-1/4      | 69.1           | 69.9            | 15.9          | 31.0          | 6.4         | 108.0          | 215.9         | 22.2         | 4.8         |
|        | 55mm       |                |                 |               |               |             |                |               |              |             |
|        | 2-3/16     | 2-31/32        | 3               | 43/64         | 1-5/16        | 1/4         | 4-7/8          | 9-3/4         | 15/16        | 3/16        |
|        | 2-1/4      |                |                 |               |               |             |                |               |              |             |
|        | 2-7/16     | 75.4           | 76.2            | 17.1          | 33.3          | 6.4         | 123.8          | 247.7         | 23.8         | 4.8         |
|        | 60mm       |                |                 |               |               |             |                |               |              |             |

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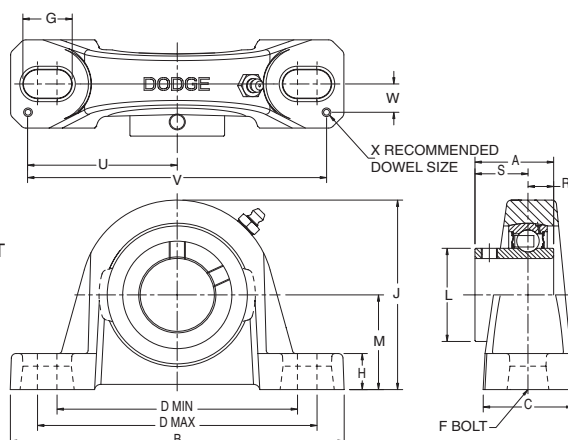
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCM MEDIUM DUTY PILLOW BLOCKS



### Lube Fitting

203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT

| Series | Shaft Size | Standard |             | No-Lube/Sealed for Life (-NL) |                | With Flingers |                |
|--------|------------|----------|-------------|-------------------------------|----------------|---------------|----------------|
|        |            | Part No. | Description | Part No.                      | Description    | Part No.      | Description    |
| 206    | 1<br>25mm  | 126147   | P2B-SCM-100 | 058624                        | P2B-SCM-100-NL | @             | P2B-SCM-100-FF |
|        |            | 125925   | P2B-SCM-25M | @                             | P2B-SCM-25M-NL | @             | P2B-SCM-25M-FF |
| 207    | 1-3/16     | 126148   | P2B-SCM-103 | 052275                        | P2B-SCM-103-NL | @             | P2B-SCM-103-FF |
|        | 1-1/4      | 123810   | P2B-SC-104  | 123933                        | P2B-SC-104-NL  | 123097        | P2B-SC-104-FF  |
|        | 30mm       | 125926   | P2B-SCM-30M | @                             | P2B-SCM-30M-NL | @             | P2B-SCM-30M-FF |
| 208    | 1-7/16     | 126810   | P2B-SCM-107 | 126855                        | P2B-SCM-107-NL | 057275        | P2B-SCM-107-FF |
|        | 35mm       | 125937   | P2B-SCM-35M | @                             | P2B-SCM-35M-NL | @             | P2B-SCM-35M-FF |
| 209    | 1-1/2      | 126811   | P2B-SCM-108 | 058400                        | P2B-SCM-108-NL | 050808        | P2B-SCM-108-FF |
|        | 1-5/8      | 125169   | P2B-SC-110L | @                             | P2B-SC-110L-NL | @             | P2B-SC-110L-FF |
|        | 40mm       | 125928   | P2B-SCM-40M | @                             | P2B-SCM-40M-NL | @             | P2B-SCM-40M-FF |
| 210    | 1-11/16    | 126812   | P2B-SCM-111 | @                             | P2B-SCM-111-NL | @             | P2B-SCM-111-FF |
|        | 1-3/4      | 126813   | P2B-SCM-112 | @                             | P2B-SCM-112-NL | 051981        | P2B-SCM-112-FF |
|        | 45mm       | 125929   | P2B-SCM-45M | @                             | P2B-SC-M45M-NL | @             | P2B-SCM-45M-FF |
| 211    | 1-15/16    | 126814   | P2B-SCM-115 | 126856                        | P2B-SCM-115-NL | 126802        | P2B-SCM-115-FF |
|        | 2          | 126815   | P2B-SCM-200 | 126547                        | P2B-SCM-200-NL | 054561        | P2B-SCM-200-FF |
|        | 50mm       | 125930   | P2B-SCM-50M | @                             | P2B-SCM-50M-NL | @             | P2B-SCM-50M-FF |
| 212    | 2-3/16     | 126816   | P2B-SCM-203 | 052005                        | P2B-SCM-203-NL | 126858        | P2B-SCM-203-FF |
|        | 2-1/4      | 126817   | P2B-SCM-204 | @                             | P2B-SCM-204-NL | @             | P2B-SCM-204-FF |
|        | 55mm       | 125931   | P2B-SCM-55M | @                             | P2B-SCM-55M-NL | @             | P2B-SCM-55M-FF |
| 214    | 2-7/16     | 126818   | P2B-SCM-207 | 126857                        | P2B-SCM-207-NL | 126859        | P2B-SCM-207-FF |
|        | 2-1/2      | 126819   | P2B-SCM-208 | @                             | P2B-SCM-208-NL | @             | P2B-SCM-208-FF |
|        | 65mm       | 125932   | P2B-SCM-65M | @                             | P2B-SCM-65M-NL | 052816        | P2B-SCM-65M-FF |
| 215    | 2-11/16    | 126820   | P2B-SCM-211 | 126533                        | P2B-SCM-211-NL | @             | P2B-SCM-211-FF |
|        | 70mm       | 125933   | P2B-SCM-70M | @                             | P2B-SC-70M-NL  | @             | P2B-SCM-70M-FF |
| 216    | 2-15/16    | 126821   | P2B-SCM-215 | 126534                        | P2B-SCM-215-NL | 050185        | P2B-SCM-215-FF |
|        | 3          | 126822   | P2B-SCM-300 | 126535                        | P2B-SCM-300-NL | 054459        | P2B-SCM-300-FF |
|        | 75mm       | 125934   | P2B-SCM-75M | @                             | P2B-SCM-75M-NL | 054435        | P2B-SCM-75M-FF |
| 218    | 3-7/16     | 126823   | P2B-SCM-307 | @                             | P2B-SCM-307-NL | 126792        | P2B-SCM-307-FF |
|        | 3-1/2      | 126824   | P2B-SCM-308 | @                             | P2B-SCM-308-NL | @             | P2B-SCM-308-FF |
|        | 85mm       | 125935   | PWB-SCM-85M | @                             | PWB-SCM-85M-NL | @             | PWB-SCM-85M-FF |

@ Assembled to order

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCM MEDIUM DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight lbs.<br>kgs. | A       | B      | C       | D       |         | F Bolt Dia. | G       | H      | J       | L       | M       | R     | S       | U       | V        | W      | X    |
|--------|------------|---------------------|---------|--------|---------|---------|---------|-------------|---------|--------|---------|---------|---------|-------|---------|---------|----------|--------|------|
|        |            |                     |         |        |         | Min.    | Max.    |             |         |        |         |         |         |       |         |         |          |        |      |
| 206    | 1          | 3.0                 | 1-25/64 | 6-1/4  | 1-47/64 | 4-1/4   | 5       | 1/2         | 15/16   | 3/4    | 3-5/16  | 1-37/64 | 1-11/16 | 31/64 | 29/32   | 2-7/8   | 5-3/4    | 9/16   | 3/16 |
|        | 25mm       | 1.3                 | 35.3    | 158.8  | 44.1    | 108.0   | 127.0   | M12         | 23.8    | 17.5   | 82.6    | 40.1    | 41.3    | 12.3  | 23.0    | 73.0    | 146.1    | 14.3   | 4.8  |
| 207    | 1-3/16     | 4.6                 | 1-17/32 | 6-1/2  | 1-47/64 | 4-11/16 | 5-7/16  | 1/2         | 15/16   | 45/64  | 3-3/4   | 1-27/32 | 1-7/8   | 1/2   | 1-1/32  | 2-29/32 | 5-13/16  | 9/16   | 3/16 |
|        | 1-1/4      | 4.2                 |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
|        | 30mm       | 2.0                 | 38.9    | 165.1  | 44.1    | 119.1   | 138.1   | M12         | 23.8    | 17.9   | 95.3    | 46.8    | 47.6    | 12.7  | 26.2    | 73.8    | 147.6    | 14.3   | 4.8  |
| 208    | 1-7/16     | 5.4                 | 1-11/16 | 7-1/4  | 1-15/16 | 5-3/16  | 5-7/8   | 1/2         | 29/32   | 15/16  | 4-3/16  | 2-3/64  | 2-1/8   | 19/32 | 1-3/32  | 3-17/64 | 6-17/32  | 11/16  | 3/16 |
|        | 35mm       | 2.3                 | 42.9    | 184.2  | 49.2    | 131.8   | 149.2   | M12         | 23.0    | 23.8   | 106.4   | 52.0    | 54.0    | 15.1  | 27.8    | 82.9    | 165.9    | 17.5   | 4.8  |
| 209    | 1-1/2      | 6.4                 | 1-23/32 | 7-7/16 | 2       | 5-1/2   | 6-3/8   | 1/2         | 29/32   | 3/4    | 4-9/32  | 2-7/32  | 2-1/8   | 19/32 | 1-1/8   | 3-3/8   | 6-3/4    | 11/16  | 3/16 |
|        | 1-5/8      | 6.3                 |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
|        | 40mm       | 2.7                 | 43.7    | 188.9  | 50.8    | 139.7   | 161.9   | M12         | 23.0    | 19.1   | 108.7   | 56.4    | 54.0    | 15.1  | 28.6    | 85.7    | 171.5    | 17.5   | 4.8  |
| 210    | 1-11/16    | 7.4                 | 1-3/4   | 8-1/8  | 2-1/4   | 6       | 6-11/16 | 5/8         | 1-1/16  | 3/4    | 4-17/32 | 2-7/16  | 2-1/4   | 19/32 | 1-5/32  | 3-11/16 | 7-3/8    | 13/16  | 3/16 |
|        | 1-3/4      | 7.3                 |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
|        | 45mm       | 3.2                 | 44.5    | 206.4  | 57.2    | 152.4   | 169.9   | M16         | 22.0    | 19.1   | 115.1   | 61.9    | 57.2    | 15.1  | 29.4    | 93.7    | 187.3    | 20.6   | 4.8  |
| 211    | 1-15/16    | 9.2                 | 1-27/32 | 8-7/8  | 2-5/16  | 6-3/8   | 7-7/16  | 5/8         | 1-7/32  | 7/8    | 4-31/32 | 2-23/32 | 2-1/2   | 5/8   | 1-7/32  | 3-15/16 | 7-7/8    | 13/16  | 3/16 |
|        | 2          | 9.0                 |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
|        | 50mm       | 3.9                 | 46.8    | 225.4  | 58.7    | 161.9   | 188.9   | M16         | 31.0    | 22.2   | 126.2   | 69.1    | 63.5    | 15.9  | 31.0    | 100.0   | 200.0    | 20.6   | 4.8  |
| 212    | 2-3/16     | 11.0                | 1-63/64 | 9-1/2  | 2-3/8   | 6-7/8   | 7-15/16 | 5/8         | 1-7/32  | 7/8    | 5-13/32 | 2-31/32 | 2-3/4   | 43/64 | 1-5/16  | 4-1/4   | 8-1/2    | 7/8    | 3/16 |
|        | 2-1/4      | 10.8                |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
|        | 55mm       | 4.7                 | 50.4    | 241.3  | 60.3    | 174.6   | 201.6   | M16         | 31.0    | 22.2   | 137.3   | 75.4    | 69.9    | 17.1  | 33.3    | 108.0   | 215.9    | 22.2   | 4.8  |
| 214    | 2-7/16     | 15.7                | 2-15/64 | 10-3/4 | 2-11/16 | 7-1/2   | 8-1/2   | 3/4         | 1-5/16  | 15/16  | 6-3/32  | 3-5/16  | 3       | 51/64 | 1-7/16  | 4-7/8   | 9-3/4    | 15/16  | 3/16 |
|        | 2-1/2      | 15.5                |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
|        | 65mm       | 6.7                 | 56.8    | 273.1  | 68.3    | 190.5   | 215.9   | M18         | 33.3    | 23.8   | 154.8   | 84.1    | 76.2    | 20.2  | 36.5    | 123.8   | 247.7    | 23.8   | 4.8  |
| 215    | 2-11/16    | 21.0                | 2-9/32  | 11-3/4 | 2-7/8   | 8-1/2   | 9-1/2   | 7/8         | 1-7/16  | 1      | 6-3/4   | 3-5/8   | 3-1/2   | 13/16 | 1-15/32 | 5-31/64 | 10-31/32 | 1-3/64 | 3/16 |
|        | 70mm       | 9.0                 | 57.9    | 298.5  | 73.0    | 215.9   | 241.3   | M22         | 36.5    | 25.4   | 171.5   | 92.1    | 88.9    | 20.6  | 37.3    | 139.3   | 278.6    | 26.6   | 4.8  |
| 216    | 2-15/16    | 21.3                | 2-11/32 | 11-3/4 | 3       | 8-1/2   | 9-1/2   | 7/8         | 1-7/16  | 1-1/4  | 6-31/32 | 3-53/64 | 3-1/2   | 27/32 | 1-1/2   | 5-1/2   | 11       | 1-3/32 | 3/16 |
|        | 3          | 21.1                |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
|        | 75mm       | 9.0                 | 59.5    | 298.5  | 76.2    | 215.9   | 241.3   | M22         | 36.5    | 31.8   | 177.0   | 97.2    | 88.9    | 21.4  | 38.1    | 139.7   | 279.4    | 27.8   | 4.8  |
| 218    | 3-7/16     | 31.8                | 2-31/64 | 14     | 3-3/8   | 10-5/16 | 11-5/8  | 7/8         | 1-19/32 | 1-5/16 | 8       | 4-23/64 | 4       | 59/64 | 1-9/16  | 6-9/16  | 13-1/8   | 1-3/16 | 3/16 |
|        | 3-1/2      | 31.3                |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
|        | 85mm       | 13.6                | 63.1    | 355.6  | 85.7    | 261.9   | 295.3   | M22         | 40.5    | 33.3   | 203.2   | 110.7   | 101.6   | 23.4  | 39.7    | 166.7   | 333.4    | 30.2   | 4.8  |

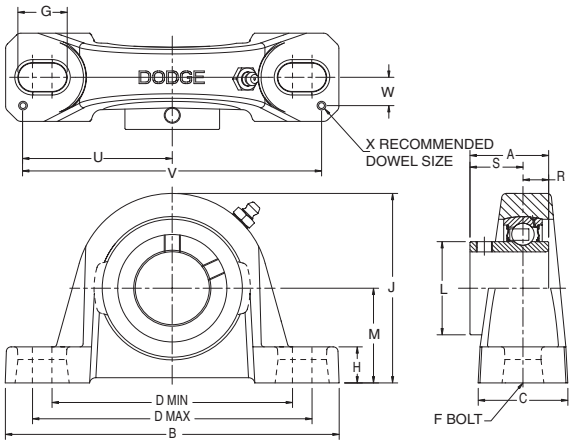
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|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCMAH AIR HANDLING MEDIUM DUTY PILLOW BLOCKS

**Lube Fitting**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



| Series | Shaft Size               | Part No.                                        | Description                                     |
|--------|--------------------------|-------------------------------------------------|-------------------------------------------------|
| 206    | 1<br>25mm                | <b>126110</b><br>@                              | P2B-SCMAH-100<br>P2B-SCMAH-25M                  |
| 207    | 1-3/16<br>1-1/4<br>30mm  | <b>126112</b><br><b>123907</b><br><b>064756</b> | P2B-SCMAH-103<br>P2B-SCAH-104<br>P2B-SCMAH-30M  |
| 208    | 1-7/16<br>35mm           | <b>126835</b><br><b>062304</b>                  | P2B-SCMAH-107<br>P2B-SCMAH-35M                  |
| 209    | 1-1/2<br>1-5/8<br>40mm   | <b>126836</b><br>@<br><b>064136</b>             | P2B-SCMAH-108<br>P2B-SCAH-110L<br>P2B-SCMAH-40M |
| 210    | 1-11/16<br>1-3/4<br>45mm | <b>126837</b><br><b>126838</b><br><b>062321</b> | P2B-SCMAH-111<br>P2B-SCMAH-112<br>P2B-SCMAH-45M |
| 211    | 1-15/16<br>2<br>50mm     | <b>126839</b><br><b>126847</b><br><b>056811</b> | P2B-SCMAH-115<br>P2B-SCMAH-200<br>P2B-SCMAH-50M |
| 212    | 2-3/16<br>2-1/4<br>55mm  | <b>126840</b><br>@<br><b>049816</b>             | P2B-SCMAH-203<br>P2B-SCMAH-204<br>P2B-SCMAH-55M |
| 214    | 2-7/16<br>2-1/2<br>65mm  | <b>126841</b><br>@<br>@                         | P2B-SCMAH-207<br>P2B-SCMAH-208<br>P2B-SCMAH-65M |
| 215    | 2-11/16<br>70mm          | <b>126842</b><br><b>049818</b>                  | P2B-SCMAH-211<br>P2B-SCMAH-70M                  |
| 216    | 2-15/16<br>3<br>75mm     | <b>126843</b><br>@<br><b>053719</b>             | P2B-SCMAH-215<br>P2B-SCMAH-300<br>P2B-SCM-75M   |
| 218    | 3-7/16<br>3-1/2<br>85mm  | <b>126844</b><br>@<br>@                         | P2B-SCMAH-307<br>P2B-SCMAH-308<br>P2B-SCMAH-85M |

@ Assembled to order.

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCMAH AIR HANDLING MEDIUM DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight lbs.<br>kgs. | A       | B      | C       | D       |         | F Bolt Dia. | G       | H      | J       | L       | M       | R     | S       | U       | V        | W      | X    |
|--------|------------|---------------------|---------|--------|---------|---------|---------|-------------|---------|--------|---------|---------|---------|-------|---------|---------|----------|--------|------|
|        |            |                     |         |        |         | min.    | max.    |             |         |        |         |         |         |       |         |         |          |        |      |
| 206    | 1          | 3.0                 | 1-25/64 | 6-1/4  | 1-47/64 | 4-1/4   | 5       | 1/2         | 15/16   | 3/4    | 3-5/16  | 1-37/64 | 1-11/16 | 31/64 | 29/32   | 2-7/8   | 5-3/4    | 9/16   | 3/16 |
|        | 25mm       | 1.3                 | 35.3    | 158.8  | 44.1    | 108.0   | 127.0   | M12         | 23.8    | 19.1   | 84.1    | 40.1    | 42.9    | 12.3  | 23.0    | 73.0    | 146.1    | 14.3   | 4.8  |
| 207    | 1-3/16     | 4.6                 | 1-17/32 | 6-1/2  | 1-47/64 | 4-11/16 | 5-7/16  | 1/2         | 15/16   | 45/64  | 3-3/4   | 1-27/32 | 1-7/8   | 1/2   | 1-1/32  | 2-29/32 | 5-13/16  | 9/16   | 3/16 |
|        | 1-1/4      | 4.2                 |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
| 208    | 30mm       | 2.0                 | 38.9    | 165.1  | 44.1    | 119.1   | 138.1   | M12         | 23.8    | 18.3   | 95.3    | 46.8    | 47.6    | 12.7  | 26.2    | 73.8    | 147.6    | 14.3   | 4.8  |
|        |            |                     |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
| 209    | 1-7/16     | 5.4                 | 1-11/16 | 7-1/4  | 1-15/16 | 5-3/16  | 5-7/8   | 1/2         | 29/32   | 15/16  | 4-3/16  | 2-3/64  | 2-1/8   | 19/32 | 1-3/32  | 3-17/64 | 6-17/32  | 11/16  | 3/16 |
|        | 35mm       | 2.3                 | 42.9    | 184.2  | 49.2    | 131.8   | 149.2   | M12         | 23.0    | 23.8   | 106.4   | 52.0    | 54.0    | 15.1  | 27.8    | 82.9    | 165.9    | 17.5   | 4.8  |
| 210    | 1-1/2      | 6.4                 | 1-23/32 | 7-7/16 | 2       | 5-1/2   | 6-3/8   | 1/2         | 29/32   | 3/4    | 4-9/32  | 2-7/32  | 2-1/8   | 19/32 | 1-1/8   | 3-3/8   | 6-3/4    | 11/16  | 3/16 |
|        | 1-5/8      | 6.3                 |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
| 211    | 40mm       | 2.7                 | 43.7    | 188.9  | 50.8    | 139.7   | 161.9   | M12         | 23.0    | 19.1   | 108.7   | 56.4    | 54.0    | 15.1  | 28.6    | 85.7    | 171.5    | 17.5   | 4.8  |
|        |            |                     |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
| 212    | 1-11/16    | 7.4                 | 1-3/4   | 8-1/8  | 2-1/4   | 6       | 6-11/16 | 5/8         | 1-1/16  | 3/4    | 4-17/32 | 2-7/16  | 2-1/4   | 19/32 | 1-5/32  | 3-11/16 | 7-3/8    | 13/16  | 3/16 |
|        | 1-3/4      | 7.3                 |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
| 213    | 45mm       | 3.2                 | 44.5    | 206.4  | 57.2    | 152.4   | 169.9   | M16         | 22.0    | 19.1   | 115.1   | 61.9    | 57.2    | 15.1  | 29.4    | 93.7    | 187.3    | 20.6   | 4.8  |
|        |            |                     |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
| 214    | 1-15/16    | 9.2                 | 1-27/32 | 8-7/8  | 2-5/16  | 6-3/8   | 7-7/16  | 5/8         | 1-7/32  | 7/8    | 4-31/32 | 2-23/32 | 2-1/2   | 5/8   | 1-7/32  | 3-15/16 | 7-7/8    | 13/16  | 3/16 |
|        | 2          | 9.0                 |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
| 215    | 50mm       | 3.9                 | 44.5    | 225.4  | 58.7    | 161.9   | 188.9   | M16         | 31.0    | 22.2   | 126.2   | 69.1    | 63.5    | 15.9  | 31.0    | 100.0   | 200.0    | 20.6   | 4.8  |
|        |            |                     |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
| 216    | 2-3/16     | 11.0                | 1-63/64 | 9-1/2  | 2-3/8   | 6-7/8   | 7-15/16 | 5/8         | 1-7/32  | 7/8    | 5-13/32 | 2-31/32 | 2-3/4   | 43/64 | 1-5/16  | 4-1/4   | 8-1/2    | 7/8    | 3/16 |
|        | 2-1/4      | 10.8                |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
| 217    | 55mm       | 4.7                 | 50.4    | 241.3  | 60.3    | 174.6   | 201.6   | M16         | 31.0    | 22.2   | 137.3   | 75.4    | 69.9    | 17.1  | 33.3    | 108.0   | 215.9    | 22.2   | 4.8  |
|        |            |                     |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
| 218    | 2-7/16     | 15.7                | 2-15/64 | 10-3/4 | 2-11/16 | 7-1/2   | 8-1/2   | 3/4         | 1-5/16  | 15/16  | 6-3/32  | 3-5/16  | 3       | 51/64 | 1-7/16  | 4-7/8   | 9-3/4    | 15/16  | 3/16 |
|        | 2-1/2      | 15.5                |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
| 219    | 65mm       | 6.7                 | 56.8    | 273.1  | 68.3    | 190.5   | 215.9   | M18         | 33.3    | 23.8   | 154.8   | 84.1    | 76.2    | 20.2  | 36.5    | 123.8   | 247.7    | 23.8   | 4.8  |
|        |            |                     |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
| 220    | 2-11/16    | 21.0                | 2-9/32  | 11-3/4 | 2-7/8   | 8-1/2   | 9-1/2   | 7/8         | 1-7/16  | 1      | 6-3/4   | 3-5/8   | 3-1/2   | 13/16 | 1-15/32 | 5-31/64 | 10-31/32 | 1-3/64 | 3/16 |
|        | 70mm       | 9.0                 | 57.9    | 298.5  | 73.0    | 215.9   | 241.3   | M22         | 36.5    | 25.4   | 171.5   | 92.1    | 88.9    | 20.6  | 37.3    | 139.3   | 278.6    | 26.6   | 4.8  |
| 221    | 2-15/16    | 21.3                | 2-11/32 | 11-3/4 | 3       | 8-1/2   | 9-1/2   | 7/8         | 1-7/16  | 1-1/4  | 6-31/32 | 3-53/64 | 3-1/2   | 27/32 | 1-1/2   | 5-1/2   | 11       | 1-3/32 | 3/16 |
|        | 3          | 21.1                |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
| 222    | 75mm       | 9.1                 | 59.5    | 298.5  | 76.2    | 215.9   | 241.3   | M22         | 36.5    | 31.8   | 177.0   | 97.2    | 88.9    | 21.4  | 38.1    | 139.7   | 279.4    | 27.8   | 4.8  |
|        |            |                     |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
| 223    | 3-7/16     | 31.8                | 2-31/64 | 14     | 3-3/8   | 10-5/16 | 11-5/8  | 7/8         | 1-19/32 | 1-5/16 | 8       | 4-23/64 | 4       | 59/64 | 1-9/16  | 6-9/16  | 13-1/8   | 1-3/16 | 3/16 |
|        | 3-1/2      | 31.3                |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |
| 224    | 85mm       | 13.6                | 63.1    | 355.6  | 85.7    | 261.9   | 295.3   | M22         | 40.5    | 33.3   | 203.2   | 110.7   | 101.6   | 23.4  | 39.7    | 166.7   | 333.4    | 30.2   | 4.8  |
|        |            |                     |         |        |         |         |         |             |         |        |         |         |         |       |         |         |          |        |      |

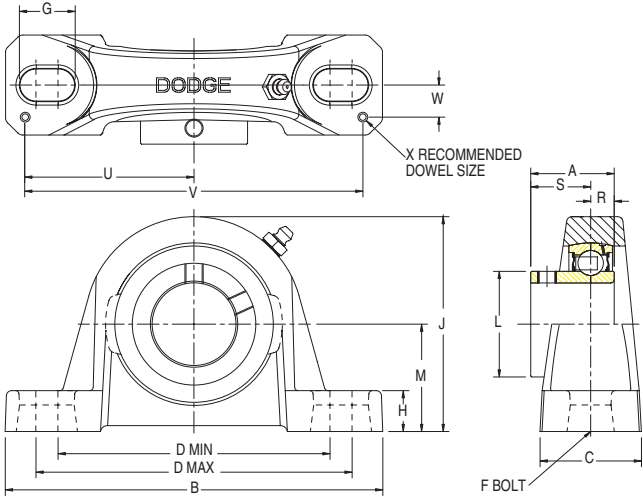
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|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings VSC AND VSCU INTERMEDIATE DUTY PILLOW BLOCKS



**Lube Fitting**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT

| Series     | Shaft Size | Standard      |               | No-Lube/Sealed for Life (-NL) |                  |
|------------|------------|---------------|---------------|-------------------------------|------------------|
|            |            | Part No.      | Description   | Part No.                      | Description      |
| 203        | 1/2        | <b>125500</b> | P2B-VSC-008   | <b>049887</b>                 | P2B-VSC-008-NL   |
|            | 5/8        | <b>125501</b> | P2B-VSC-010   | @                             | P2B-VSC-010-NL   |
|            | 17mm       | @             | P2B-VSC-17M   | @                             | P2B-VSC-17M-NL   |
| 203 (VSCU) | 1/2        | <b>125513</b> | P2B-VSCU-008  | @                             | P2B-VSCU-008-NL  |
|            | 5/8        | <b>125514</b> | P2B-VSCU-010  | @                             | P2B-VSCU-010-NL  |
|            | 17mm       | <b>125685</b> | P2B-VSCU-17M  | @                             | P2B-VSCU-17M-NL  |
| 204        | 3/4        | <b>123580</b> | P2B-VSC-012   | <b>054495</b>                 | P2B-VSC-012-NL   |
|            | 20mm       | <b>125686</b> | P2B-VSC-20M   | @                             | P2B-VSC-20M-NL   |
| 205        | 7/8        | <b>125502</b> | P2B-VSC-014   | @                             | P2B-VSC-014-NL   |
|            | 15/16      | <b>125503</b> | P2B-VSC-015   | @                             | P2B-VSC-015-NL   |
|            | 1          | <b>123581</b> | P2B-VSC-100   | <b>123590</b>                 | P2B-VSC-100-NL   |
|            | 25mm       | <b>125687</b> | P2B-VSC-25M   | @                             | P2B-VSC-25M-NL   |
| 206        | 1-1/8      | <b>125504</b> | P2B-VSC-102   | @                             | P2B-VSC-102-NL   |
|            | 1-3/16     | <b>123582</b> | P2B-VSC-103   | <b>064691</b>                 | P2B-VSC-103-NL   |
|            | 1-1/4      | <b>123589</b> | P2B-VSC-104S  | @                             | P2B-VSC-104S-NL  |
|            | 30mm       | <b>125751</b> | P2B-VSC-30M   | @                             | P2B-VSC-30M-NL   |
| 206 (VSCU) | 1-1/8      | <b>125515</b> | P2B-VSCU-102  | @                             | P2B-VSCU-102-NL  |
|            | 1-3/16     | <b>123604</b> | P2B-VSCU-103  | <b>050854</b>                 | P2B-VSCU-103-NL  |
|            | 1-1/4      | <b>123606</b> | P2B-VSCU-104S | @                             | P2B-VSCU-104S-NL |
|            | 30mm       | <b>125688</b> | P2B-VSCU-30M  | @                             | P2B-VSCU-30M-NL  |

@Assembled to order

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### VSC AND VSCU INTERMEDIATE DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series        | Shaft Size | Weight<br>lbs.<br>kg. | A       | B     | C       | D       |        | F<br>Bolt<br>Dia. | G     | H     | J       | L       | M       | R     | S     | U     | V     | W    | X    |
|---------------|------------|-----------------------|---------|-------|---------|---------|--------|-------------------|-------|-------|---------|---------|---------|-------|-------|-------|-------|------|------|
|               |            |                       |         |       |         | Min.    | Max.   |                   |       |       |         |         |         |       |       |       |       |      |      |
| 203           | 1/2        | 1.1                   | 15/16   | 5     | 1-13/64 | 3-1/4   | 4-1/16 | 3/8               | 27/32 | 15/32 | 2-9/64  | 31/32   | 1-1/16  | 19/64 | 41/64 | 2-1/4 | 4-1/2 | 3/8  | 1/8  |
|               | 5/8        | 1.0                   |         |       |         |         |        |                   |       |       |         |         |         |       |       |       |       |      |      |
|               | 17mm       | 0.5                   | 23.8    | 127.0 | 30.6    | 82.6    | 103.2  | M10               | 21.4  | 11.9  | 54.4    | 24.6    | 27.0    | 7.5   | 16.3  | 57.2  | 114.3 | 9.5  | 3.2  |
| 203<br>(VSCU) | 1/2        | 1.2                   | 15/16   | 5     | 1-13/64 | 3-1/4   | 4-1/16 | 3/8               | 27/32 | 19/32 | 2-17/64 | 31/32   | 1-3/16  | 19/64 | 41/64 | 2-1/4 | 4-1/2 | 3/8  | 1/8  |
|               | 5/8        | 1.1                   |         |       |         |         |        |                   |       |       |         |         |         |       |       |       |       |      |      |
|               | 17mm       | 0.6                   | 23.8    | 127.0 | 30.6    | 82.6    | 103.2  | M10               | 21.4  | 15.1  | 57.5    | 24.6    | 30.2    | 7.5   | 16.3  | 57.2  | 114.3 | 9.5  | 3.2  |
| 204           | 3/4        | 1.4                   | 1-1/16  | 5-1/4 | 1-21/64 | 3-3/8   | 4-3/16 | 3/8               | 27/32 | 17/32 | 2-9/16  | 1-7/64  | 1-5/16  | 21/64 | 47/64 | 2-1/4 | 4-1/2 | 1/2  | 1/8  |
|               |            |                       |         |       |         |         |        |                   |       |       |         |         |         |       |       |       |       |      |      |
|               | 20mm       | 0.6                   | 27.0    | 133.4 | 33.7    | 85.7    | 106.4  | M10               | 21.4  | 13.5  | 65.1    | 28.2    | 33.3    | 8.3   | 18.7  | 57.2  | 114.3 | 12.7 | 3.2  |
| 205           | 7/8        | 1.8                   | 1-3/32  | 5-1/2 | 1-13/32 | 3-11/16 | 4-1/2  | 3/8               | 27/32 | 37/64 | 2-25/32 | 1-21/64 | 1-7/16  | 21/64 | 49/64 | 2-1/2 | 5     | 1/2  | 3/16 |
|               | 15/16      | 1.7                   |         |       |         |         |        |                   |       |       |         |         |         |       |       |       |       |      |      |
|               | 1          | 1.6                   |         |       |         |         |        |                   |       |       |         |         |         |       |       |       |       |      |      |
| 206           | 25mm       | 0.8                   | 27.8    | 139.7 | 35.7    | 93.7    | 114.3  | M10               | 21.4  | 14.7  | 70.6    | 33.7    | 36.5    | 8.3   | 19.4  | 63.5  | 127.0 | 12.7 | 4.8  |
|               | 1-1/8      | 2.7                   | 1-19/64 | 6-1/4 | 1-47/64 | 4-1/4   | 5      | 1/2               | 15/16 | 11/16 | 3-1/4   | 1-37/64 | 1-5/8   | 25/64 | 29/32 | 2-7/8 | 5-3/4 | 9/16 | 3/16 |
|               | 1-3/16     | 2.6                   |         |       |         |         |        |                   |       |       |         |         |         |       |       |       |       |      |      |
| 206<br>(VSCU) | 1-1/4      | 2.5                   |         |       |         |         |        |                   |       |       |         |         |         |       |       |       |       |      |      |
|               | 30mm       | 1.2                   | 32.9    | 158.8 | 44.1    | 108.0   | 127.0  | M12               | 23.8  | 17.5  | 82.6    | 40.1    | 41.3    | 9.9   | 23.0  | 73.0  | 146.1 | 14.3 | 4.8  |
|               | 1-1/8      | 2.8                   | 1-19/64 | 6-1/4 | 1-47/64 | 4-1/4   | 5      | 1/2               | 15/16 | 3/4   | 3-5/16  | 1-37/64 | 1-11/16 | 25/64 | 29/32 | 2-7/8 | 5-3/4 | 9/16 | 3/16 |
|               | 1-3/16     | 2.7                   |         |       |         |         |        |                   |       |       |         |         |         |       |       |       |       |      |      |
|               | 1-1/4      | 2.6                   |         |       |         |         |        |                   |       |       |         |         |         |       |       |       |       |      |      |
|               | 30mm       | 1.3                   | 32.9    | 158.8 | 44.1    | 108.0   | 127.0  | M12               | 23.8  | 19.1  | 84.1    | 40.1    | 42.9    | 9.9   | 23.0  | 73.0  | 146.1 | 14.3 | 4.8  |

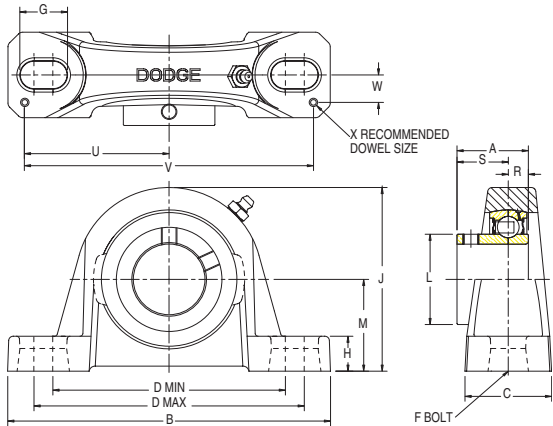
|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings VSC AND VSCU INTERMEDIATE DUTY PILLOW BLOCKS

**Lube Fitting**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



| Series | Shaft Size | Standard      |              | No-Lube/Sealed for Life (-NL) |                 |
|--------|------------|---------------|--------------|-------------------------------|-----------------|
|        |            | Part No.      | Description  | Part No.                      | Description     |
| 207    | 1-1/4      | <b>123583</b> | P2B-VSC-104  | <b>051889</b>                 | P2B-VSC-104-NL  |
|        | 1-3/8      | <b>125505</b> | P2B-VSC-106  | @                             | P2B-VSC-106-NL  |
|        | 1-7/16     | <b>123584</b> | P2B-VSC-107  | <b>050838</b>                 | P2B-VSC-107-NL  |
|        | 35mm       | <b>125689</b> | P2B-VSC-35M  | @                             | P2B-VSC-35M-NL  |
| 208    | 1-1/2      | <b>123585</b> | P2B-VSC-108  | <b>051890</b>                 | P2B-VSC-108-NL  |
|        | 40mm       | @             | P2B-VSC-40M  | @                             | P2B-VSC-40M-NL  |
| 209    | 1-11/16    | <b>125506</b> | P2B-VSC-111  | @                             | P2B-VSC-111-NL  |
|        | 1-3/4      | <b>124933</b> | P2B-VSC-112  | @                             | P2B-VSC-112-NL  |
|        | 45mm       | <b>125691</b> | P2B-VSC-45M  | @                             | P2B-VSC-45M-NL  |
| 210    | 1-15/16    | <b>123586</b> | P2B-VSC-115  | <b>053662</b>                 | P2B-VSC-115-NL  |
|        | 2          | <b>123587</b> | P2B-VSC-200  | @                             | P2B-VSC-200-NL  |
|        | 50mm       | <b>125692</b> | P2B-VSC-50M  | @                             | P2B-VSC-50M-NL  |
| 211    | 2          | <b>123593</b> | P2B-VSC-200L | <b>049784</b>                 | P2B-VSC-200L-NL |
|        | 2-3/16     | <b>123588</b> | P2B-VSC-203  | @                             | P2B-VSC-203-NL  |
|        | 55mm       | <b>125693</b> | P2B-VSC-55M  | @                             | P2B-VSC-55M-NL  |

@Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### VSC AND VSCU INTERMEDIATE DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight lbs.<br>kg. | A       | B      | C       | D       |         | F Bolt Dia. | G      | H     | J       | L       | M     | R     | S      | U       | V       | W     | X    |
|--------|------------|--------------------|---------|--------|---------|---------|---------|-------------|--------|-------|---------|---------|-------|-------|--------|---------|---------|-------|------|
|        |            |                    |         |        |         | Min.    | Max.    |             |        |       |         |         |       |       |        |         |         |       |      |
| 207    | 1-1/4      | 4.5                | 1-7/16  | 6-1/2  | 1-47/64 | 4-11/16 | 5-7/16  | 1/2         | 15/16  | 45/64 | 3-3/4   | 1-27/32 | 1-7/8 | 13/32 | 1-1/32 | 2-29/32 | 5-13/16 | 9/16  | 3/16 |
|        | 1-3/8      | 4.3                |         |        |         |         |         |             |        |       |         |         |       |       |        |         |         |       |      |
|        | 1-7/16     | 4.2                |         |        |         |         |         |             |        |       |         |         |       |       |        |         |         |       |      |
|        | 35mm       | 2.0                | 36.5    | 165.1  | 44.1    | 119.1   | 138.1   | M12         | 23.8   | 17.9  | 95.3    | 46.8    | 47.6  | 10.3  | 26.2   | 73.8    | 147.6   | 14.3  | 4.8  |
| 208    | 1-1/2      | 5.4                | 1-9/16  | 7-1/4  | 1-15/16 | 5-3/16  | 5-7/8   | 1/2         | 29/32  | 15/16 | 4-3/16  | 2-3/64  | 2-1/8 | 15/32 | 1-3/32 | 3-17/64 | 6-17/32 | 11/16 | 3/16 |
|        | 40mm       | 2.5                | 39.7    | 184.2  | 49.2    | 131.8   | 149.2   | M12         | 23.0   | 23.8  | 106.4   | 52.0    | 54.0  | 11.9  | 27.8   | 82.9    | 165.9   | 17.5  | 4.8  |
| 209    | 1-11/16    | 6.4                | 1-19/32 | 7-7/16 | 2       | 5-1/2   | 6-3/16  | 1/2         | 29/32  | 3/4   | 4-9/32  | 2-7/32  | 2-1/8 | 15/32 | 1-1/8  | 3-3/8   | 6-3/4   | 11/16 | 3/16 |
|        | 1-3/4      | 6.2                |         |        |         |         |         |             |        |       |         |         |       |       |        |         |         |       |      |
|        | 45mm       | 3.0                | 40.5    | 188.9  | 50.8    | 139.7   | 161.9   | M12         | 23.0   | 19.1  | 108.7   | 56.4    | 54.0  | 11.9  | 28.6   | 85.7    | 171.5   | 17.5  | 4.8  |
| 210    | 1-15/16    | 7.2                | 1-5/8   | 8-1/8  | 2-1/4   | 6       | 6-11/16 | 5/8         | 1-1/16 | 3/4   | 4-17/32 | 2-7/16  | 2-1/4 | 15/32 | 1-5/32 | 3-11/16 | 7-3/8   | 13/16 | 3/16 |
|        | 2          | 7.0                |         |        |         |         |         |             |        |       |         |         |       |       |        |         |         |       |      |
|        | 50mm       | 3.3                | 41.3    | 206.4  | 57.2    | 152.4   | 169.9   | M16         | 27.0   | 19.1  | 115.1   | 61.9    | 57.2  | 11.9  | 29.4   | 93.7    | 187.3   | 20.6  | 4.8  |
| 211    | 2          | 9.0                | 1-23/32 | 8-7/8  | 2-5/16  | 6-3/8   | 7-7/16  | 5/8         | 1-7/32 | 7/8   | 4-31/32 | 2-23/32 | 2-1/2 | 1/2   | 1-7/32 | 3-15/16 | 7-7/8   | 13/16 | 3/16 |
|        | 2-3/16     | 8.9                |         |        |         |         |         |             |        |       |         |         |       |       |        |         |         |       |      |
|        | 55mm       | 4.2                | 43.7    | 225.4  | 58.7    | 161.9   | 188.9   | M16         | 31.0   | 22.2  | 126.2   | 69.1    | 63.5  | 12.7  | 31.0   | 100.0   | 200.0   | 20.6  | 4.8  |

|                                |                           |                        |                                         |
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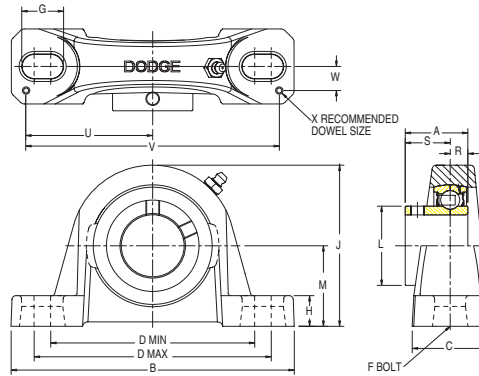
# SELECTION/DIMENSIONS



## Setscrew Ball Bearings VSCB INTERMEDIATE DUTY PILLOW BLOCKS

### Lube Fitting

203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



| Series       | Shaft Size | Standard      |               | No-Lube/Sealed for Life (-NL) |                  |
|--------------|------------|---------------|---------------|-------------------------------|------------------|
|              |            | Part No.      | Description   | Part No.                      | Description      |
| 203<br>(VSC) | 1/2        | <b>125500</b> | P2B-VSC-008   | @                             | P2B-VSC-008-NL   |
|              | 5/8        | <b>125501</b> | P2B-VSC-010   | @                             | P2B-VSC-010-NL   |
|              | 17mm       | @             | P2B-VSC-17M   | @                             | P2B-VSC-17M-NL   |
| 204          | 3/4        | <b>123595</b> | P2B-VSCB-012  | <b>050833</b>                 | P2B-VSCB-012-NL  |
|              | 20mm       | @             | P2B-VSCB-20M  | @                             | P2B-VSCB-20M-NL  |
| 205          | 7/8        | <b>125508</b> | P2B-VSCB-014  | @                             | P2B-VSCB-014-NL  |
|              | 15/16      | <b>125509</b> | P2B-VSCB-015  | @                             | P2B-VSCB-015-NL  |
|              | 1          | <b>123596</b> | P2B-VSCB-100  | <b>050828</b>                 | P2B-VSCB-100-NL  |
|              | 25mm       | @             | P2B-VSCB-25M  | @                             | P2B-VSCB-25M-NL  |
| 206          | 1-1/8      | <b>125510</b> | P2B-VSCB-102  | @                             | P2B-VSCB-102-NL  |
|              | 1-3/16     | <b>123597</b> | P2B-VSCB-103  | <b>050829</b>                 | P2B-VSCB-103-NL  |
|              | 1-1/4      | <b>123605</b> | P2B-VSCB-104S | @                             | P2B-VSCB-104S-NL |
|              | 30mm       | @             | P2B-VSCB-30M  | @                             | P2B-VSCB-30M-NL  |
| 207          | 1-1/4      | <b>123598</b> | P2B-VSCB-104  | @                             | P2B-VSCB-104-NL  |
|              | 1-3/8      | <b>125511</b> | P2B-VSCB-106  | @                             | P2B-VSCB-106-NL  |
|              | 1-7/16     | <b>123599</b> | P2B-VSCB-107  | <b>050830</b>                 | P2B-VSCB-107-NL  |
|              | 35mm       | @             | P2B-VSCB-35M  | @                             | P2B-VSCB-35M-NL  |
| 208          | 1-1/2      | <b>123600</b> | P2B-VSCB-108  | @                             | P2B-VSCB-108-NL  |
|              | 40mm       | <b>125690</b> | P2B-VSCB-40M  | @                             | P2B-VSCB-40M-NL  |
| 209          | 1-11/16    | <b>125512</b> | P2B-VSCB-111  | <b>050848</b>                 | P2B-VSCB-111-NL  |
|              | 1-3/4      | <b>125507</b> | P2B-VSCB-112  | @                             | P2B-VSCB-112-NL  |
|              | 45mm       | @             | P2B-VSCB-45M  | @                             | P2B-VSCB-45M-NL  |
| 210          | 1-15/16    | <b>123601</b> | P2B-VSCB-115  | @                             | P2B-VSCB-115-NL  |
|              | 2          | <b>123602</b> | P2B-VSCB-200  | @                             | P2B-VSCB-200-NL  |
|              | 50mm       | @             | P2B-VSCB-50M  | @                             | P2B-VSCB-50M-NL  |
| 211          | 2          | <b>123607</b> | P2B-VSCB-200L | @                             | P2B-VSCB-200L-NL |
|              | 2-3/16     | <b>123603</b> | P2B-VSCB-203  | <b>050831</b>                 | P2B-VSCB-203-NL  |
|              | 55mm       | @             | P2B-VSCB-55M  | @                             | P2B-VSCB-55M-NL  |

@ Assembled to order

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings VSCB INTERMEDIATE DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

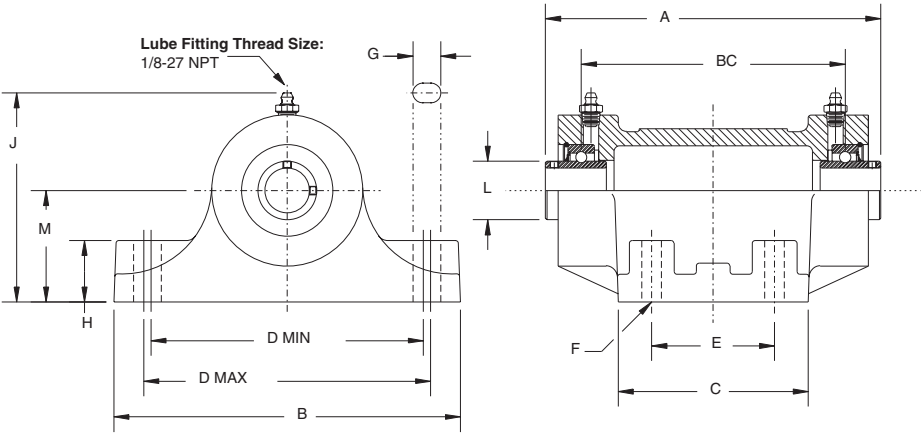
| Series    | Shaft Size | Weight lbs.<br>kg. | A       | B      | C       | D       |         | F Bolt Dia. | G      | H     | J       | L       | M       | R     | S      | U       | V       | W     | X    |
|-----------|------------|--------------------|---------|--------|---------|---------|---------|-------------|--------|-------|---------|---------|---------|-------|--------|---------|---------|-------|------|
|           |            |                    |         |        |         | Min.    | Max.    |             |        |       |         |         |         |       |        |         |         |       |      |
| 203 (VSC) | 1/2        | 1.1                | 15/16   | 5      | 1-13/64 | 3-1/4   | 4-1/16  | 3/8         | 27/32  | 15/32 | 2-17/64 | 31/32   | 1-1/16  | 19/64 | 41/64  | 2-1/4   | 4-1/2   | 3/8   | 1/8  |
|           | 5/8        | 1.0                |         |        |         |         |         |             |        |       |         |         |         |       |        |         |         |       |      |
|           | 17mm       | 0.5                | 23.8    | 127.0  | 30.6    | 82.6    | 103.2   | M10         | 21.4   | 11.9  | 54.4    | 24.6    | 27.0    | 7.5   | 16.3   | 57.2    | 114.3   | 9.5   | 3.2  |
| 204       | 3/4        | 1.4                | 1-1/16  | 5-1/4  | 1-21/64 | 3-3/8   | 4-3/16  | 3/8         | 27/32  | 29/64 | 2-1/2   | 1-1/8   | 1-1/4   | 21/64 | 47/64  | 2-1/4   | 4-1/2   | 1/2   | 1/8  |
|           | 20mm       | 0.6                | 27.0    | 133.4  | 33.7    | 85.7    | 106.4   | M10         | 21.4   | 11.5  | 63.5    | 28.6    | 31.8    | 8.3   | 18.7   | 57.2    | 114.3   | 12.7  | 3.2  |
|           |            |                    |         |        |         |         |         |             |        |       |         |         |         |       |        |         |         |       |      |
| 205       | 7/8        | 1.8                | 1-3/32  | 5-1/2  | 1-13/32 | 3-11/16 | 4-1/2   | 3/8         | 27/32  | 29/64 | 2-21/32 | 1-5/16  | 1-5/16  | 21/64 | 49/64  | 2-1/2   | 5       | 1/2   | 3/16 |
|           | 15/16      | 1.7                |         |        |         |         |         |             |        |       |         |         |         |       |        |         |         |       |      |
|           | 1          | 1.6                |         |        |         |         |         |             |        |       |         |         |         |       |        |         |         |       |      |
| 206       | 25mm       | 0.8                | 27.8    | 139.7  | 35.7    | 93.7    | 114.3   | M10         | 21.4   | 11.5  | 67.5    | 33.3    | 33.3    | 8.3   | 19.4   | 63.5    | 127.0   | 12.7  | 4.8  |
|           | 1-1/8      | 2.7                | 1-19/64 | 6-1/4  | 1-47/64 | 4-1/4   | 5       | 1/2         | 15/16  | 5/8   | 3-3/16  | 1-37/64 | 1-9/16  | 25/64 | 29/32  | 2-7/8   | 5-3/4   | 9/16  | 3/16 |
|           | 1-3/16     | 2.6                |         |        |         |         |         |             |        |       |         |         |         |       |        |         |         |       |      |
| 207       | 1-1/4      | 2.5                |         |        |         |         |         |             |        |       |         |         |         |       |        |         |         |       |      |
|           | 30mm       | 1.2                | 32.9    | 158.8  | 44.1    | 108.0   | 127.0   | M12         | 23.8   | 15.9  | 81.0    | 40.1    | 39.87   | 9.9   | 23.0   | 73.0    | 146.1   | 14.3  | 4.8  |
|           |            |                    |         |        |         |         |         |             |        |       |         |         |         |       |        |         |         |       |      |
| 208       | 1-1/4      | 4.5                | 1-7/16  | 6-1/2  | 1-47/64 | 4-11/16 | 5-7/16  | 1/2         | 15/16  | 41/64 | 3-11/16 | 1-27/32 | 1-13/16 | 13/32 | 1-1/32 | 2-29/32 | 5-13/16 | 9/16  | 3/16 |
|           | 1-3/8      | 4.3                |         |        |         |         |         |             |        |       |         |         |         |       |        |         |         |       |      |
|           | 1-7/16     | 4.2                |         |        |         |         |         |             |        |       |         |         |         |       |        |         |         |       |      |
| 209       | 35mm       | 2.0                | 36.5    | 165.1  | 44.1    | 119.1   | 138.1   | M12         | 23.8   | 16.3  | 93.7    | 46.8    | 46.0    | 10.3  | 26.2   | 73.8    | 147.6   | 14.3  | 4.8  |
|           | 1-1/2      | 5.4                | 1-9/16  | 7-1/4  | 1-15/16 | 5-3/16  | 5-7/8   | 1/2         | 29/32  | 3/4   | 4       | 2-3/64  | 1-15/16 | 15/32 | 1-3/32 | 3-17/64 | 6-17/32 | 11/16 | 3/16 |
|           | 40mm       | 2.5                | 39.7    | 184.2  | 49.2    | 131.8   | 149.2   | M12         | 23.0   | 19.1  | 101.6   | 52.0    | 49.2    | 11.9  | 27.8   | 82.9    | 165.9   | 17.5  | 4.8  |
| 210       | 1-11/16    | 6.4                | 1-19/32 | 7-7/16 | 2       | 5-1/2   | 6-3/16  | 1/2         | 29/32  | 11/16 | 4-7/32  | 2-7/32  | 2-1/16  | 15/32 | 1-1/8  | 3-3/8   | 6-3/4   | 11/16 | 3/16 |
|           | 1-3/4      | 6.2                |         |        |         |         |         |             |        |       |         |         |         |       |        |         |         |       |      |
|           | 45mm       | 3.0                | 40.5    | 188.9  | 50.8    | 139.7   | 161.9   | M12         | 23.0   | 17.5  | 107.2   | 56.4    | 52.4    | 11.9  | 28.6   | 85.7    | 187.5   | 17.5  | 4.8  |
| 211       | 1-15/16    | 7.2                | 1-5/8   | 8-1/8  | 2-1/4   | 6       | 6-11/16 | 5/8         | 1-1/64 | 11/16 | 4-15/32 | 2-7/16  | 2-3/16  | 15/32 | 1-5/32 | 3-11/16 | 7-3/8   | 13/16 | 3/16 |
|           | 2          | 7.0                |         |        |         |         |         |             |        |       |         |         |         |       |        |         |         |       |      |
|           | 50mm       | 3.3                | 41.3    | 206.4  | 57.2    | 152.4   | 169.9   | M16         | 25.8   | 17.5  | 113.5   | 61.9    | 55.6    | 11.9  | 29.4   | 93.7    | 187.3   | 20.6  | 4.8  |
| 211       | 2          | 9.0                | 1-23/32 | 8-7/8  | 2-5/16  | 6-3/8   | 7-7/16  | 5/8         | 1-7/32 | 13/16 | 4-29/32 | 2-23/32 | 2-7/16  | 1/2   | 1-7/32 | 3-15/16 | 7-7/8   | 13/16 | 3/16 |
|           | 2-3/16     | 8.9                |         |        |         |         |         |             |        |       |         |         |         |       |        |         |         |       |      |
|           | 55mm       | 4.2                | 43.7    | 225.4  | 58.7    | 161.9   | 188.9   | M16         | 31.0   | 20.6  | 124.6   | 69.1    | 61.9    | 12.7  | 31.0   | 100.0   | 200.0   | 20.6  | 4.8  |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings CC BALL BEARING FAN AND BLOWER PILLOW BLOCKS



| Series | Shaft Size | Part No.      | Description |
|--------|------------|---------------|-------------|
| 205    | 15/16      | <b>134131</b> | F&B-CC-015  |
|        | 1          | <b>134132</b> | F&B-CC-100  |
| 206    | 1-1/8      | <b>134134</b> | F&B-CC-102  |
|        | 1-3/16     | <b>134135</b> | F&B-CC-103  |
| 207    | 1-1/4      | <b>134136</b> | F&B-CC-104  |
|        | 1-3/8      | <b>134138</b> | F&B-CC-106  |
|        | 1-7/16     | <b>134139</b> | F&B-CC-107  |
| 209    | 1-11/16    | <b>134140</b> | F&B-CC-111  |
|        | 1-3/4      | <b>134141</b> | F&B-CC-112  |
| 210    | 1-15/16    | <b>134142</b> | F&B-CC-115  |
| 211    | 2-3/16     | <b>134144</b> | F&B-CC-203  |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### CC BALL BEARING FAN AND BLOWER PILLOW BLOCKS

| Series | Shaft Size               | Weight lbs.          | A        | B     | C     | D      |        | E     | F Bolt Dia. | G     | H      | J      | L       | M     | Bearing Centers BC |
|--------|--------------------------|----------------------|----------|-------|-------|--------|--------|-------|-------------|-------|--------|--------|---------|-------|--------------------|
|        |                          |                      |          |       |       | Min.   | Max.   |       |             |       |        |        |         |       |                    |
| 205    | 15/16<br>1               | 16.1<br>16.0         | 7-1/2    | 7-3/4 | 4-1/4 | 6-1/16 | 6-7/16 | 2-3/4 | 3/8         | 5/8   | 1-1/4  | 4-5/8  | 1-5/16  | 2-1/2 | 5-29/32            |
| 206    | 1-1/8<br>1-3/16          | 16.3<br>16.2         | 7-25/32  | 7-3/4 | 4-1/4 | 6-1/16 | 6-7/16 | 2-3/4 | 3/8         | 5/8   | 1-1/4  | 4-5/8  | 1-19/32 | 2-1/2 | 5-61/64            |
| 207    | 1-1/4<br>1-3/8<br>1-7/16 | 36.6<br>36.2<br>36.0 | 10-39/64 | 10    | 5-1/2 | 7-3/4  | 8-1/4  | 3-1/2 | 1/2         | 7/8   | 1-9/16 | 5-9/16 | 1-27/32 | 3     | 8-15/32            |
| 209    | 1-11/16<br>1-3/4         | 35.0<br>34.8         | 10-21/32 | 10    | 5-1/2 | 7-3/4  | 8-1/4  | 3-1/2 | 1/2         | 7/8   | 1-9/16 | 5-9/16 | 2-9/32  | 3     | 8-5/16             |
| 210    | 1-15/16                  | 60.0                 | 13-25/32 | 12    | 7     | 9-1/8  | 9-7/8  | 4-1/2 | 5/8         | 1-1/8 | 1-3/4  | 6-7/16 | 2-15/32 | 3-1/2 | 11-3/8             |
| 211    | 2-3/16                   | 56.0                 | 14-5/32  | 12    | 7     | 9-1/8  | 9-7/8  | 4-1/2 | 5/8         | 1-1/8 | 1-3/4  | 6-7/16 | 2-3/4   | 3-1/2 | 11-3/8             |

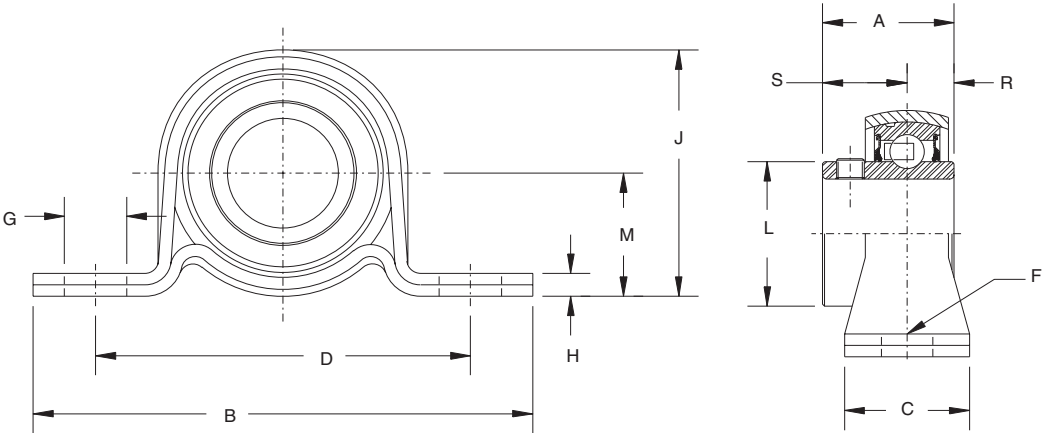
|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SL LIGHT DUTY PILLOW BLOCKS



| Series | Shaft Size | Part No.      | Description |
|--------|------------|---------------|-------------|
| 203    | 1/2        | <b>059637</b> | P2B-SL-008  |
|        | 5/8        | <b>128197</b> | P2B-SL-010  |
|        | 17mm       | @             | P2BSL-17M   |
| 204    | 3/4        | <b>128106</b> | P2B-SL-012  |
|        | 20mm       | @             | P2B-SL-20M  |
| 205    | 7/8        | <b>128170</b> | P2B-SL-014  |
|        | 15/16      | <b>128171</b> | P2B-SL-015  |
|        | 1          | <b>128107</b> | P2B-SL-100  |
|        | 25mm       | @             | P2B-SL-25M  |
| 206    | 1-1/8      | <b>128172</b> | P2B-SL-102  |
|        | 1-3/16     | <b>128108</b> | P2B-SL-103  |
|        | 1-1/4      | <b>128111</b> | P2B-SL-104S |
|        | 30mm       | @             | P2B-SL-30M  |
| 207    | 1-1/4      | <b>128109</b> | P2B-SL-104  |
|        | 1-3/8      | <b>128173</b> | P2B-SL-106  |
|        | 1-7/16     | <b>128110</b> | P2B-SL-107  |
|        | 35mm       | @             | P2B-SL-35M  |

@ Assembled to order

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SL LIGHT DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

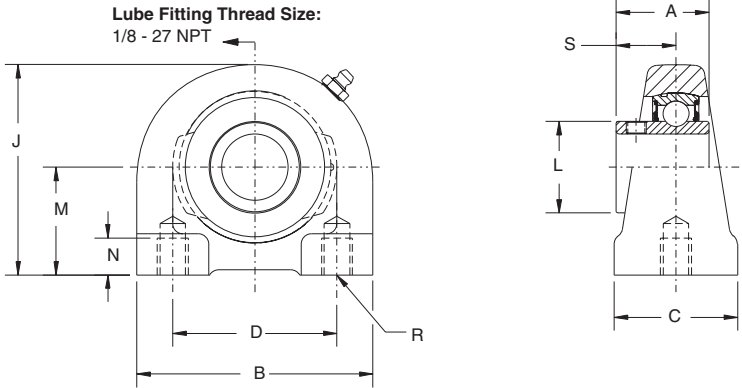
| Series | Shaft Size | Weight lb. ks. | A       | B     | C     | D       | F Bolt Dia | G     | H     | J       | L       | M      | R     | S      | Housing Radial Load Rating (lbs) |
|--------|------------|----------------|---------|-------|-------|---------|------------|-------|-------|---------|---------|--------|-------|--------|----------------------------------|
| 203    | 1/2        | 0.51           | 15/16   | 3-5/8 | 1     | 2-11/16 | 1/4        | 11/32 | 0.133 | 1-11/16 | 31/32   | 27/32  | 19/64 | 41/64  | 250                              |
|        | 5/8        | 0.49           |         |       |       |         |            |       |       |         |         |        |       |        |                                  |
|        | 17mm       | 0.2            | 23.8    | 92.1  | 25.4  | 68.3    | M6         | 8.7   | 3.4   | 42.9    | 24.6    | 21.4   | 7.5   | 16.3   | 1,112                            |
| 204    | 3/4        | 0.61           | 1-1/16  | 4-1/8 | 1     | 3       | 3/8        | 1/2   | 0.178 | 2-1/16  | 1-1/8   | 1      | 21/64 | 47/64  | 350                              |
|        | 20mm       | 0.3            | 27.0    | 104.8 | 25.4  | 76.2    | M10        | 12.7  | 4.5   | 52.4    | 28.6    | 25.4   | 8.3   | 18.7   | 1,556                            |
| 205    | 7/8        | 0.79           | 1-3/32  | 4-1/2 | 1-1/8 | 3-3/8   | 3/8        | 9/16  | 0.208 | 2-7/32  | 1-21/64 | 1-1/8  | 21/64 | 49/64  | 400                              |
|        | 15/16      | 0.76           |         |       |       |         |            |       |       |         |         |        |       |        |                                  |
|        | 1          | 0.73           |         |       |       |         |            |       |       |         |         |        |       |        |                                  |
| 206    | 25mm       | 0.4            | 27.8    | 114.3 | 28.6  | 85.7    | M10        | 14.3  | 5.3   | 56.4    | 33.7    | 28.6   | 8.3   | 19.4   | 1,779                            |
|        | 1-1/8      | 1.14           | 1-19/64 | 4-7/8 | 1-1/8 | 3-3/4   | 3/8        | 9/16  | 0.238 | 2-5/8   | 1-37/64 | 1-5/16 | 25/64 | 29/32  | 600                              |
|        | 1-3/16     | 1.12           |         |       |       |         |            |       |       |         |         |        |       |        |                                  |
|        | 1-1/4      | 1.10           |         |       |       |         |            |       |       |         |         |        |       |        |                                  |
| 207    | 30mm       | 0.5            | 32.9    | 123.8 | 28.6  | 95.3    | M10        | 14.3  | 6.0   | 66.7    | 40.1    | 33.3   | 9.9   | 23.0   | 2,668                            |
|        | 1-1/4      | 1.54           | 1-7/16  | 5-3/4 | 1-1/4 | 4-1/4   | 1/2        | 3/4   | 0.238 | 3-1/8   | 1-27/32 | 1-9/16 | 13/32 | 1-1/32 | 800                              |
|        | 1-3/8      | 1.50           |         |       |       |         |            |       |       |         |         |        |       |        |                                  |
|        | 1-7/16     | 1.48           |         |       |       |         |            |       |       |         |         |        |       |        |                                  |
|        | 35mm       | 0.7            | 36.5    | 146.1 | 31.8  | 108.0   | M12        | 19.1  | 6.0   | 79.4    | 46.8    | 39.7   | 10.3  | 26.2   | 3,557                            |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY TAPPED BASE PILLOW BLOCKS



| Series | Shaft Size | Part No.      | Description      |
|--------|------------|---------------|------------------|
| 204    | 1/2        | <b>124460</b> | TB-SC-008        |
|        | 5/8        | <b>124461</b> | TB-SC-010        |
|        | 3/4        | <b>124462</b> | TB-SC-012        |
|        | 20mm       | <b>130354</b> | <i>TB-SC-20M</i> |
| 205    | 7/8        | <b>124463</b> | TB-SC-014        |
|        | 15/16      | <b>124464</b> | TB-SC-015        |
|        | 1          | <b>124465</b> | TB-SC-100        |
|        | 25mm       | <b>130355</b> | <i>TB-SC-25M</i> |
| 206    | 1-1/16     | <b>124466</b> | TB-SC-101        |
|        | 1-1/8      | <b>124467</b> | TB-SC-102        |
|        | 1-3/16     | <b>124468</b> | TB-SC-103        |
|        | 1-1/4      | <b>124469</b> | TB-SC-104S       |
| 207    | 30mm       | <b>130356</b> | <i>TB-SC-30M</i> |
|        | 1-1/4      | <b>124470</b> | TB-SC-104        |
|        | 1-5/16     | <b>124471</b> | TB-SC-105        |
|        | 1-3/8      | <b>124472</b> | TB-SC-106        |
| 208    | 1-7/16     | <b>124473</b> | TB-SC-107        |
|        | 35mm       | <b>130357</b> | <i>TB-SC-35M</i> |
|        | 1-1/2      | <b>124479</b> | TB-SC-108        |
|        | 1-5/8      | <b>128998</b> | TB-SC-110        |
| 209    | 40mm       | <b>130358</b> | <i>TB-SC-40M</i> |
|        | 1-5/8      | <b>049859</b> | TB-SC-110L       |
|        | 1-11/16    | <b>054548</b> | TB-SC-111        |
|        | 1-3/4      | <b>054781</b> | TB-SC-112        |
| 210    | 45mm       | <b>130359</b> | <i>TB-SC-45M</i> |
|        | 1-15/16    | <b>124478</b> | TB-SC-115        |
|        | 2          | <b>052472</b> | TB-SC-200        |
|        | 50mm       | <b>130360</b> | <i>TB-SC-50M</i> |
| 211    | 2          | <b>124480</b> | TB-SC-200L       |
|        | 2-3/16     | <b>050386</b> | TB-SC-203        |
|        | 2-1/4      | <b>054436</b> | TB-SC-204        |
|        | 55mm       | <b>130361</b> | <i>TB-SC-55M</i> |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY TAPPED BASE PILLOW BLOCKS

| Series | Shaft Size | Weight lbs. kgs. | A       | B     | C     | D     | J       | L       | M       | N    | R         | S      |
|--------|------------|------------------|---------|-------|-------|-------|---------|---------|---------|------|-----------|--------|
| 204    | 1/2        | 1.56             | 1-5/32  | 2-7/8 | 1-1/2 | 2     | 2-9/16  | 1-1/8   | 1-5/16  | 1/2  | 3/8- 16   | 47/64  |
|        | 5/8        | 1.53             |         |       |       |       |         |         |         |      |           |        |
|        | 3/4        | 1.50             |         |       |       |       |         |         |         |      |           |        |
|        | 20mm       | 0.06             | 29.4    | 73.0  | 38.1  | 50.8  | 65.1    | 28.6    | 33.3    | 12.7 | M8x1.25   | 18.7   |
| 205    | 7/8        | 1.93             | 1-3/16  | 3     | 1-1/2 | 2.0   | 2-13/16 | 1-21/64 | 1-7/16  | 1/2  | 3/8- 16   | 49/64  |
|        | 15/16      | 1.90             |         |       |       |       |         |         |         |      |           |        |
|        | 1          | 1.87             |         |       |       |       |         |         |         |      |           |        |
|        | 25mm       | 0.07             | 30.2    | 76.2  | 38.1  | 50.8  | 71.4    | 33.7    | 36.5    | 12.7 | M10x1.5   | 19.4   |
| 206    | 1-1/16     | 2.66             | 1-25/64 | 4     | 1-1/2 | 3.0   | 3-3/8   | 1-37/64 | 1-11/16 | 5/8  | 7/16 - 14 | 29/32  |
|        | 1-1/8      | 2.62             |         |       |       |       |         |         |         |      |           |        |
|        | 1-3/16     | 2.59             |         |       |       |       |         |         |         |      |           |        |
|        | 1-1/4      | 2.56             |         |       |       |       |         |         |         |      |           |        |
|        | 30mm       | 0.10             | 35.3    | 101.6 | 38.1  | 76.2  | 85.7    | 40.1    | 42.9    | 15.9 | M10x1.5   | 23.0   |
| 207    | 1-1/4      | 3.41             | 1-17/32 | 4-1/4 | 1-7/8 | 3-1/4 | 3-3/4   | 1-27/32 | 1-7/8   | 3/4  | 1/2 - 13  | 1-1/32 |
|        | 1-5/16     | 3.36             |         |       |       |       |         |         |         |      |           |        |
|        | 1-3/8      | 3.34             |         |       |       |       |         |         |         |      |           |        |
|        | 1-7/16     | 3.25             |         |       |       |       |         |         |         |      |           |        |
|        | 35mm       | 0.13             | 38.9    | 108.0 | 47.6  | 82.6  | 95.3    | 46.8    | 47.6    | 19.1 | M10x1.5   | 26.2   |
| 208    | 1-1/2      | 4.10             | 1-11/16 | 4-5/8 | 1-7/8 | 3-1/2 | 3-15/16 | 2-3/64  | 1-15/16 | 3/4  | 1/2-13    | 1-3/32 |
|        | 1-5/8      | 4.00             |         |       |       |       |         |         |         |      |           |        |
|        | 40mm       | 0.16             | 42.9    | 117.5 | 47.6  | 88.9  | 100.0   | 52.0    | 49.2    | 19.1 | M12x1.75  | 27.8   |
| 209    | 1-5/8      | 5.20             | 1-23/32 | 5     | 2     | 3-3/4 | 4-1/4   | 2-7/32  | 2-1/8   | 3/4  | 1/2-13    | 1-1/8  |
|        | 1-11/16    | 5.00             |         |       |       |       |         |         |         |      |           |        |
|        | 1-3/4      | 4.90             |         |       |       |       |         |         |         |      |           |        |
|        | 45mm       | 0.20             | 43.7    | 127.0 | 50.8  | 95.3  | 108.0   | 56.4    | 54.0    | 19.1 | M12x1.75  | 28.6   |
| 210    | 1-15/16    | 5.40             | 1-3/4   | 5-1/2 | 2     | 4     | 4-5/8   | 2-7/16  | 2-1/4   | 7/8  | 5/8-11    | 1-5/32 |
|        | 2          | 5.20             |         |       |       |       |         |         |         |      |           |        |
|        | 50mm       | 0.21             | 44.5    | 139.7 | 50.8  | 101.6 | 117.5   | 61.9    | 57.2    | 22.2 | M16x2     | 29.4   |
| 211    | 2          | 6.70             | 1-27/32 | 5-1/2 | 2     | 4     | 4-5/8   | 2-23/32 | 2-1/4   | 7/8  | 5/8 - 11  | 1-7/32 |
|        | 2-3/16     | 6.50             |         |       |       |       |         |         |         |      |           |        |
|        | 2-1/4      | 6.30             |         |       |       |       |         |         |         |      |           |        |
|        | 55mm       | 0.25             | 46.8    | 139.7 | 50.8  | 101.6 | 117.5   | 69.1    | 57.2    | 22.2 | M16x2     | 31.0   |

FEATURES/BENEFITS  
PAGE B3-2

NOMENCLATURE  
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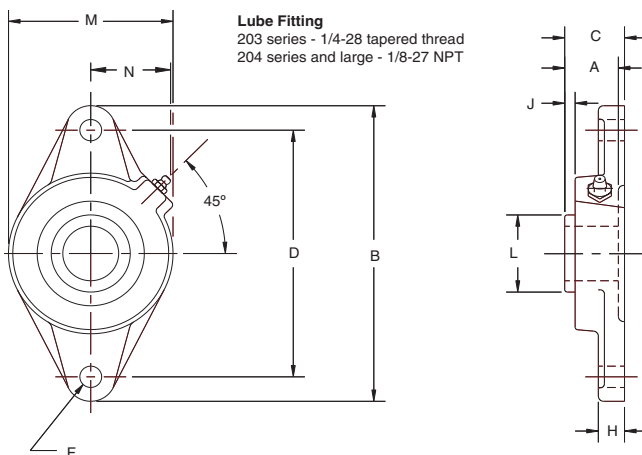
SELECTION  
PAGE B3-6

MODIFICATION/ACCESSORIES  
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY 2-BOLT FLANGE BEARINGS



| Series | Shaft Size | Standard      |             | No-Lube/Sealed for Life (-NL) |                | With Flingers |                |
|--------|------------|---------------|-------------|-------------------------------|----------------|---------------|----------------|
|        |            | Part No.      | Description | Part No.                      | Description    | Part No.      | Description    |
| 203    | 1/2        | <b>124198</b> | F2B-SC-008  | @                             | F2B-SC-008-NL  | @             | F2B-SC-008-FF  |
|        | 5/8        | <b>124199</b> | F2B-SC-010  | <b>124256</b>                 | F2B-SC-010-NL  | @             | F2B-SC-010-FF  |
|        | 17mm       | <b>125875</b> | F2B-SC-17M  | @                             | F2B-SC-17M-NL  | @             | F2B-SC-17M-FF  |
| 204    | 1/2        | <b>124166</b> | F2B-SC-008L | <b>052220</b>                 | F2B-SC-008L-NL | @             | F2B-SC-008L-FF |
|        | 5/8        | <b>124167</b> | F2B-SC-010L | <b>124176</b>                 | F2B-SC-010L-NL | @             | F2B-SC-010L-FF |
|        | 3/4        | <b>124170</b> | F2B-SC-012  | <b>124175</b>                 | F2B-SC-012-NL  | <b>057279</b> | F2B-SC-012-FF  |
|        | 20mm       | <b>125876</b> | F2B-SC-20M  | <b>050119</b>                 | F2B-SC-20M-NL  | @             | F2B-SC-20M-FF  |
| 205    | 7/8        | <b>124171</b> | F2B-SC-014  | <b>126516</b>                 | F2B-SC-014-NL  | <b>052542</b> | F2B-SC-014-FF  |
|        | 15/16      | <b>124172</b> | F2B-SC-015  | @                             | F2B-SC-015-NL  | <b>054731</b> | F2B-SC-015-FF  |
|        | 1          | <b>124173</b> | F2B-SC-100  | <b>124174</b>                 | F2B-SC-100-NL  | <b>124391</b> | F2B-SC-100-FF  |
|        | 25mm       | <b>125877</b> | F2B-SC-25M  | <b>124785</b>                 | F2B-SC-25M-NL  | @             | F2B-SC-25M-FF  |
| 206    | 1-1/16     | <b>124410</b> | F2B-SC-101  | @                             | F2B-SC-101-NL  | @             | F2B-SC-101-FF  |
|        | 1-1/8      | <b>124274</b> | F2B-SC-102  | @                             | F2B-SC-102-NL  | <b>050554</b> | F2B-SC-102-FF  |
|        | 1-3/16     | <b>124275</b> | F2B-SC-103  | <b>124614</b>                 | F2B-SC-103-NL  | @             | F2B-SC-103-FF  |
|        | 1-1/4      | <b>123172</b> | F2B-SC-104S | @                             | F2B-SC-104S-NL | <b>051968</b> | F2B-SC-104S-FF |
|        | 30mm       | <b>125878</b> | F2B-SC-30M  | <b>126102</b>                 | F2B-SC-30M-NL  | @             | F2B-SC-30M-FF  |
| 207    | 1-1/4      | <b>124276</b> | F2B-SC-104  | <b>126518</b>                 | F2B-SC-104-NL  | <b>052664</b> | F2B-SC-104-FF  |
|        | 1-5/16     | <b>124411</b> | F2B-SC-105  | @                             | F2B-SC-105-NL  | @             | F2B-SC-105-FF  |
|        | 1-3/8      | <b>124277</b> | F2B-SC-106  | <b>126519</b>                 | F2B-SC-106-NL  | @             | F2B-SC-106-FF  |
|        | 1-7/16     | <b>124278</b> | F2B-SC-107  | <b>124618</b>                 | F2B-SC-107-NL  | <b>124456</b> | F2B-SC-107-FF  |
|        | 35mm       | <b>125879</b> | F2B-SC-35M  | @                             | F2B-SC-35M-NL  | @             | F2B-SC-35M-FF  |

@Assembled to order

|                                |                           |                        |                                         |
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| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

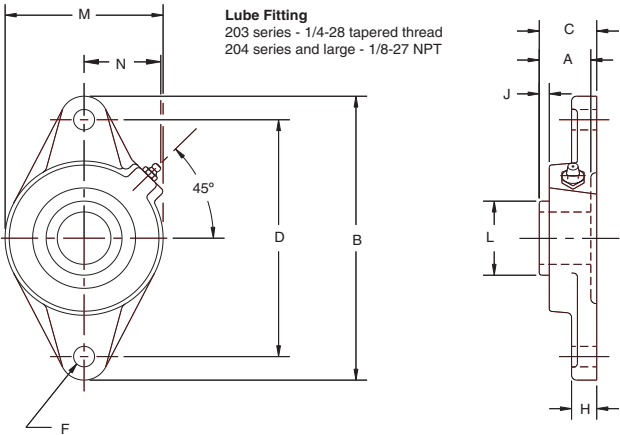
| Series | Shaft Size | Weight lbs.<br>kgs. | A       | B       | C       | D       | F Bolt Dia. | H    | J     | L       | M     | N       |
|--------|------------|---------------------|---------|---------|---------|---------|-------------|------|-------|---------|-------|---------|
| 203    | 1/2        | 0.8                 | 1       | 3-7/8   | 1-3/16  | 3       | 3/8         | 3/8  | 11/32 | 31/32   | 2-1/8 | 1-1/8   |
|        | 5/8        | 0.7                 |         |         |         |         |             |      |       |         |       |         |
|        | 17mm       | 0.3                 | 25.4    | 98.4    | 30.2    | 76.2    | M10         | 9.5  | 8.7   | 24.6    | 54.0  | 28.6    |
| 204    | 1/2        | 1.6                 | 1-5/32  | 4-13/32 | 1-3/8   | 3-17/32 | 3/8         | 1/2  | 25/64 | 1-1/8   | 2-3/8 | 1-1/2   |
|        | 5/8        | 1.5                 |         |         |         |         |             |      |       |         |       |         |
|        | 3/4        | 1.4                 |         |         |         |         |             |      |       |         |       |         |
|        | 20mm       | 0.5                 | 29.4    | 111.9   | 34.6    | 89.7    | M10         | 12.7 | 9.6   | 28.6    | 60.3  | 38.1    |
| 205    | 7/8        | 1.6                 | 1-3/16  | 4-7/8   | 1-11/32 | 3-57/64 | 7/16        | 1/2  | 25/64 | 1-21/64 | 2-3/4 | 1-7/16  |
|        | 15/16      | 1.5                 |         |         |         |         |             |      |       |         |       |         |
|        | 1          | 1.4                 |         |         |         |         |             |      |       |         |       |         |
|        | 25mm       | 0.6                 | 30.2    | 123.8   | 34.1    | 98.8    | M10         | 12.7 | 9.9   | 33.7    | 69.9  | 36.5    |
| 206    | 1-1/16     | 2.3                 | 1-25/64 | 5-9/16  | 1-17/32 | 4-19/32 | 7/16        | 1/2  | 15/32 | 1-37/64 | 3-1/8 | 1-9/16  |
|        | 1-1/8      | 2.2                 |         |         |         |         |             |      |       |         |       |         |
|        | 1-3/16     | 2.1                 |         |         |         |         |             |      |       |         |       |         |
|        | 1-1/4      | 2.0                 |         |         |         |         |             |      |       |         |       |         |
|        | 30mm       | 1.0                 | 35.3    | 141.3   | 38.8    | 116.7   | M12         | 12.7 | 11.6  | 40.1    | 79.4  | 39.7    |
| 207    | 1-1/4      | 3.5                 | 1-17/32 | 6-1/8   | 1-3/4   | 5-1/8   | 1/2         | 9/16 | 17/32 | 1-27/32 | 3-3/4 | 1-27/32 |
|        | 1-5/16     | 3.4                 |         |         |         |         |             |      |       |         |       |         |
|        | 1-3/8      | 3.2                 |         |         |         |         |             |      |       |         |       |         |
|        | 1-7/16     | 3.1                 |         |         |         |         |             |      |       |         |       |         |
|        | 35mm       | 1.5                 | 38.9    | 155.6   | 44.5    | 130.2   | M12         | 14.3 | 13.4  | 46.8    | 95.3  | 46.8    |

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY 2-BOLT FLANGE BEARINGS



| Series | Shaft Size | Standard      |             | No-Lube/Sealed for Life (-NL) |                | With Flingers |                |
|--------|------------|---------------|-------------|-------------------------------|----------------|---------------|----------------|
|        |            | Part No.      | Description | Part No.                      | Description    | Part No.      | Description    |
| 208    | 1-1/2      | <b>124268</b> | F2B-SC-108  | <b>052011</b>                 | F2B-SC-108-NL  | <b>124457</b> | F2B-SC-108-FF  |
|        | 1-5/8      | <b>124412</b> | F2B-SC-110  | <b>@</b>                      | F2B-SC-110-NL  | <b>@</b>      | F2B-SC-110-FF  |
|        | 40mm       | <b>125880</b> | F2B-SC-40M  | <b>126042</b>                 | F2B-SC-40M-NL  | <b>@</b>      | F2B-SC-40M-FF  |
| 209    | 1-5/8      | <b>125171</b> | F2B-SC-110L | <b>@</b>                      | F2B-SC-110L-NL | <b>@</b>      | F2B-SC-110L-FF |
|        | 1-11/16    | <b>124279</b> | F2B-SC-111  | <b>@</b>                      | F2B-SC-111-NL  | <b>057849</b> | F2B-SC-111-FF  |
|        | 1-3/4      | <b>124413</b> | F2B-SC-112  | <b>126521</b>                 | F2B-SC-112-NL  | <b>124455</b> | F2B-SC-112-FF  |
|        | 1-13/16    | <b>124280</b> | F2B-SC-113  | <b>@</b>                      | F2B-SC-113-NL  | <b>@</b>      | F2B-SC-113-FF  |
|        | 45mm       | <b>125881</b> | F3B-SC-45M  | <b>@</b>                      | F2B-SC-45M-NL  | <b>@</b>      | F2B-SC-45M-FF  |
| 210    | 1-15/16    | <b>124269</b> | F2B-SC-115  | <b>126522</b>                 | F2B-SC-115-NL  | <b>@</b>      | F2B-SC-115-FF  |
|        | 2          | <b>124270</b> | F2B-SC-200  | <b>126523</b>                 | F2B-SC-200-NL  | <b>124542</b> | F2B-SC-200-FF  |
|        | 50mm       | <b>125882</b> | F2B-SC-50M  | <b>@</b>                      | F2B-SC-50M-NL  | <b>@</b>      | F2B-SC-50M-FF  |
| 211    | 2          | <b>126293</b> | F2B-SCM-200 | <b>@</b>                      | F2B-SCM-200-NL | <b>058986</b> | F2B-SCM-200-FF |
|        | 2-3/16     | <b>124034</b> | F2B-SC-203  | <b>@</b>                      | F2B-SC-203-NL  | <b>@</b>      | F2B-SC-203-FF  |
|        | 2-1/4      | <b>124373</b> | F2B-SC-204  | <b>@</b>                      | F2B-SC-204-NL  | <b>@</b>      | F2B-SC-204-FF  |
|        | 55mm       | <b>124942</b> | F2B-SC-55M  | <b>@</b>                      | F2B-SC-55M-NL  | <b>@</b>      | F2B-SC-55M-FF  |
| 212    | 2-1/4      | <b>@</b>      | F2B-SCM-204 | <b>@</b>                      | F2B-SCM-204-NL | <b>@</b>      | F2B-SCM-204-FF |
|        | 2-7/16     | <b>053175</b> | F2B-SC-207  | <b>049437</b>                 | F2B-SC-207-NL  | <b>@</b>      | F2B-SC-207-FF  |
|        | 60mm       | <b>@</b>      | F2B-SC-60M  | <b>@</b>                      | F2B-SC-60M-NL  | <b>@</b>      | F2B-SC-60M-FF  |

@Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY 2-BOLT FLANGE BEARINGS

| Series | Shaft Size | Weight lbs. kgs. | A       | B       | C       | D       | F Bolt Dia. | H     | J     | L       | M      | N       |
|--------|------------|------------------|---------|---------|---------|---------|-------------|-------|-------|---------|--------|---------|
| 208    | 1-1/2      | 4.1              | 1-11/16 | 6-3/4   | 1-7/8   | 5-21/32 | 1/2         | 9/16  | 17/32 | 2-3/64  | 4-1/8  | 1-53/64 |
|        | 1-5/8      | 4.0              |         |         |         |         |             |       |       |         |        |         |
|        | 40mm       | 1.8              | 42.9    | 171.5   | 47.5    | 143.7   | M12         | 14.3  | 13.4  | 52.0    | 104.8  | 46.4    |
| 209    | 1-5/8      | 5.2              | 1-23/32 | 7-1/16  | 1-15/16 | 5-27/32 | 1/2         | 5/8   | 17/32 | 2-7/32  | 4-3/8  | 1-29/32 |
|        | 1-11/16    | 5.0              |         |         |         |         |             |       |       |         |        |         |
|        | 1-3/4      | 4.9              |         |         |         |         |             |       |       |         |        |         |
|        | 1-13/16    | 4.7              |         |         |         |         |             |       |       |         |        |         |
|        | 45mm       | 2.2              | 43.7    | 179.4   | 49.2    | 148.4   | M14         | 15.9  | 13.4  | 56.4    | 111.1  | 48.4    |
| 210    | 1-15/16    | 5.4              | 1-3/4   | 7-7/16  | 2       | 6-3/16  | 1/2         | 5/8   | 17/32 | 2-7/16  | 4-9/16 | 2-1/32  |
|        | 2          | 5.2              |         |         |         |         |             |       |       |         |        |         |
|        | 50mm       | 2.5              | 44.5    | 188.9   | 50.7    | 157.2   | M16         | 15.9  | 13.4  | 61.9    | 115.9  | 51.6    |
| 211    | 2          | 6.7              | 1-27/32 | 8-5/8   | 2-5/32  | 7-1/4   | 5/8         | 11/16 | 9/16  | 2-23/32 | 5-1/4  | 2-17/64 |
|        | 2-3/16     | 6.5              |         |         |         |         |             |       |       |         |        |         |
|        | 2-1/4      | 6.3              |         |         |         |         |             |       |       |         |        |         |
|        | 55mm       | 3.0              | 46.8    | 219.1   | 54.8    | 184.2   | M16         | 17.5  | 14.3  | 69.1    | 133.4  | 57.5    |
| 212    | 2-1/4      | 7.4              | 1-63/64 | 9-13/16 | 2-9/32  | 7-61/64 | 7/8         | 13/16 | 9/16  | 2-31/32 | 5-1/2  | 2-15/32 |
|        | 2-7/16     | 7.0              |         |         |         |         |             |       |       |         |        |         |
|        | 60mm       | 3.4              | 50.4    | 249.2   | 57.9    | 202.0   | M22         | 20.6  | 14.3  | 75.4    | 139.7  | 62.7    |

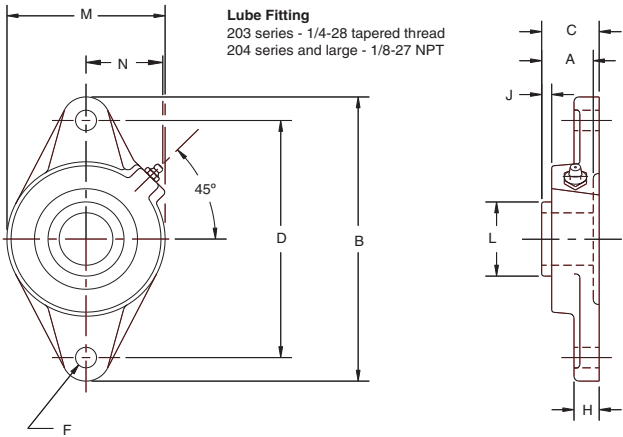
|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCAH NORMAL DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS



| Series | Shaft Size | Part No.      | Description   |
|--------|------------|---------------|---------------|
| 203    | 1/2        | @             | F2B-SCAH-008  |
|        | 5/8        | <b>049742</b> | F2B-SCAH-010  |
|        | 17mm       | <b>056902</b> | F2B-SCAH-17M  |
| 204    | 1/2        | @             | F2B-SCAH-008L |
|        | 5/8        | @             | F2B-SCAH-010L |
|        | 3/4        | <b>123730</b> | F2B-SCAH-012  |
|        | 20mm       | @             | F2B-SCAH-20M  |
| 205    | 7/8        | @             | F2B-SCAH-014  |
|        | 15/16      | <b>124244</b> | F2B-SCAH-015  |
|        | 1          | <b>123731</b> | F2B-SCAH-100  |
|        | 25mm       | @             | F2B-SCAH-25M  |
| 206    | 1-1/16     | @             | F2B-SCAH-101  |
|        | 1-1/8      | @             | F2B-SCAH-102  |
|        | 1-3/16     | <b>123732</b> | F2B-SCAH-103  |
|        | 1-1/4      | <b>123184</b> | F2B-SCAH-104S |
|        | 30mm       | @             | F2B-SCAH-30M  |
| 207    | 1-1/4      | <b>123733</b> | F2B-SCAH-104  |
|        | 1-5/16     | @             | F2B-SCAH-105  |
|        | 1-3/8      | @             | F2B-SCAH-106  |
|        | 1-7/16     | <b>123734</b> | F2B-SCAH-107  |
|        | 35mm       | @             | F2B-SCAH-35M  |

@ Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SCAH NORMAL DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

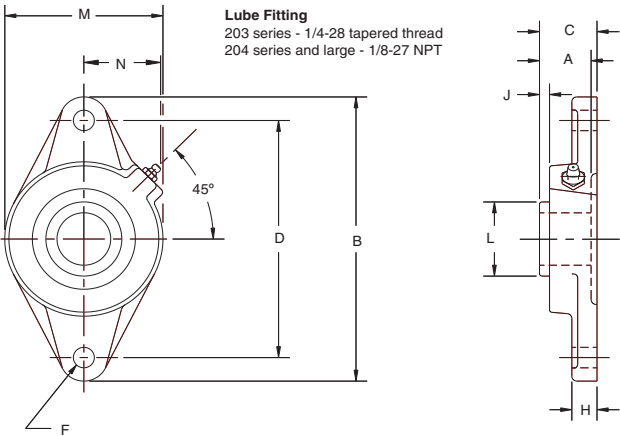
| Series | Shaft Size | Weight<br>lbs.<br>kgs | A       | B       | C       | D       | F<br>Bolt<br>Dia. | H    | J     | L       | M     | N       |
|--------|------------|-----------------------|---------|---------|---------|---------|-------------------|------|-------|---------|-------|---------|
| 203    | 1/2        | 0.8                   | 1       | 3-7/8   | 1-3/16  | 3       | 3/8               | 3/8  | 11/32 | 31/32   | 2-1/8 | 1-1/8   |
|        | 5/8        | 0.7                   |         |         |         |         |                   |      |       |         |       |         |
|        | 17mm       | 0.3                   | 25.4    | 98.4    | 30.2    | 76.2    | M10               | 9.5  | 8.7   | 24.6    | 54.0  | 28.6    |
| 204    | 1/2        | 1.6                   | 1-5/32  | 4-13/32 | 1-3/8   | 3-17/32 | 3/8               | 1/2  | 25/64 | 1-1/8   | 2-3/8 | 1-1/2   |
|        | 5/8        | 1.5                   |         |         |         |         |                   |      |       |         |       |         |
|        | 3/4        | 1.4                   |         |         |         |         |                   |      |       |         |       |         |
|        | 20mm       | 0.5                   | 29.4    | 111.9   | 34.6    | 89.7    | M10               | 12.7 | 9.6   | 28.6    | 60.3  | 38.1    |
| 205    | 7/8        | 1.6                   | 1-3/16  | 4-7/8   | 1-11/32 | 3-57/64 | 7/16              | 1/2  | 25/64 | 1-21/64 | 2-3/4 | 1-7/16  |
|        | 15/16      | 1.5                   |         |         |         |         |                   |      |       |         |       |         |
|        | 1          | 1.4                   |         |         |         |         |                   |      |       |         |       |         |
|        | 25mm       | 0.6                   | 30.2    | 123.8   | 34.1    | 98.8    | M10               | 12.7 | 9.9   | 33.7    | 69.9  | 36.5    |
| 206    | 1-1/16     | 2.3                   | 1-25/64 | 5-9/16  | 1-17/32 | 4-19/32 | 7/16              | 1/2  | 15/32 | 1-37/64 | 3-1/8 | 1-9/16  |
|        | 1-1/8      | 2.2                   |         |         |         |         |                   |      |       |         |       |         |
|        | 1-3/16     | 2.1                   |         |         |         |         |                   |      |       |         |       |         |
|        | 1-1/4      | 2.0                   |         |         |         |         |                   |      |       |         |       |         |
|        | 30mm       | 1.0                   | 35.3    | 141.3   | 38.8    | 116.7   | M12               | 12.7 | 11.6  | 40.1    | 79.4  | 39.7    |
| 207    | 1-1/4      | 3.5                   | 1-17/32 | 6-1/8   | 1-3/4   | 5-1/8   | 1/2               | 9/16 | 17/32 | 1-27/32 | 3-3/4 | 1-27/32 |
|        | 1-5/16     | 3.4                   |         |         |         |         |                   |      |       |         |       |         |
|        | 1-3/8      | 3.2                   |         |         |         |         |                   |      |       |         |       |         |
|        | 1-7/16     | 3.1                   |         |         |         |         |                   |      |       |         |       |         |
|        | 35mm       | 1.5                   | 38.9    | 155.6   | 44.5    | 130.2   | M12               | 14.3 | 13.4  | 46.8    | 95.3  | 46.8    |

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCAH NORMAL DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS



| Series | Shaft Size | Part No.      | Description   |
|--------|------------|---------------|---------------|
| 208    | 1-1/2      | <b>123735</b> | F2B-SCAH-108  |
|        | 1-5/8      | @             | F2B-SCAH-110  |
|        | 40mm       | @             | F2B-SCAH-40M  |
| 209    | 1-5/8      | @             | F2B-SCAH-110L |
|        | 1-11/16    | <b>123736</b> | F2B-SCAH-111  |
|        | 1-3/4      | <b>123737</b> | F2B-SCAH-112  |
|        | 45mm       | @             | F2B-SCAH-45M  |
| 210    | 1-15/16    | <b>123738</b> | F2B-SCAH-115  |
|        | 2          | @             | F2B-SCAH-200  |
|        | 50mm       | @             | F2B-SCAH-50M  |
| 211    | 2          | @             | F2B-SCMAH-200 |
|        | 2/3/16     | <b>124794</b> | F2B-SCAH-203  |
|        | 2-1/4      | @             | F2B-SCAH-204  |
|        | 55mm       | @             | F2B-SCAH-55M  |
| 212    | 2-1/4      | @             | F2B-SCMAH-204 |
|        | 2-7/16     | <b>057707</b> | F2B-SCAH-207  |
|        | 60mm       | @             | F2B-SCAH-60M  |

@ Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SCAH NORMAL DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

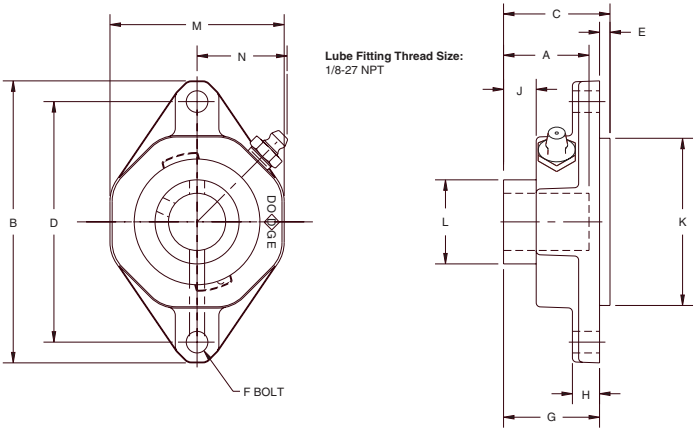
| Series | Shaft Size | Weight<br>lbs.<br>kgs | A       | B       | C       | D       | F<br>Bolt<br>Dia. | H     | J     | L       | M      | N       |
|--------|------------|-----------------------|---------|---------|---------|---------|-------------------|-------|-------|---------|--------|---------|
| 208    | 1-1/2      | 4.1                   | 1-11/16 | 6-3/4   | 1-7/8   | 5-21/32 | 1/2               | 9/16  | 17/32 | 2-3/64  | 4-1/8  | 1-53/64 |
|        | 1-5/8      | 4.0                   |         |         |         |         |                   |       |       |         |        |         |
|        | 40mm       | 1.8                   | 42.9    | 171.5   | 47.5    | 143.7   | M12               | 14.3  | 13.4  | 52.0    | 104.8  | 46.4    |
| 209    | 1-5/8      | 5.2                   | 1-23/32 | 7-1/16  | 1-15/16 | 5-27/32 | 1/2               | 5/8   | 17/32 | 2-7/32  | 4-3/8  | 1-29/32 |
|        | 1-11/16    | 5.0                   |         |         |         |         |                   |       |       |         |        |         |
|        | 1-3/4      | 4.9                   |         |         |         |         |                   |       |       |         |        |         |
|        | 45mm       | 2.2                   | 43.7    | 179.4   | 49.2    | 148.4   | M14               | 15.9  | 13.4  | 56.4    | 111.1  | 48.4    |
| 210    | 1-15/16    | 5.4                   | 1-3/4   | 7-7/16  | 2       | 6-3/16  | 1/2               | 5/8   | 17/32 | 2-7/16  | 4-9/16 | 2-1/32  |
|        | 2          | 5.2                   |         |         |         |         |                   |       |       |         |        |         |
|        | 50mm       | 2.5                   | 44.5    | 188.9   | 50.7    | 157.2   | M16               | 15.9  | 13.4  | 61.9    | 115.9  | 51.6    |
| 211    | 2          | 6.7                   | 1-27/32 | 8-5/8   | 2-5/32  | 7-1/4   | 5/8               | 11/16 | 9/16  | 2-23/32 | 5-1/4  | 2-17/64 |
|        | 2 3/16     | 6.4                   |         |         |         |         |                   |       |       |         |        |         |
|        | 2-1/4      | 6.3                   |         |         |         |         |                   |       |       |         |        |         |
|        | 55mm       | 3.0                   | 46.8    | 219.1   | 54.8    | 184.2   | M16               | 17.5  | 14.3  | 69.1    | 133.4  | 57.5    |
| 212    | 2-1/4      | 7.4                   | 1-63/64 | 9-13/16 | 2-9/32  | 7-61/64 | 7/8               | 13/16 | 9/16  | 2-31/32 | 5-1/2  | 2-15/32 |
|        | 2-7/16     | 7.0                   |         |         |         |         |                   |       |       |         |        |         |
|        | 60mm       | 3.4                   | 50.4    | 249.2   | 57.9    | 202.0   | M22               | 20.6  | 14.3  | 75.4    | 139.7  | 62.7    |

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY 2-BOLT PILOTED FLANGE BEARINGS



| Series | Shaft Size | Part No.      | Description  |
|--------|------------|---------------|--------------|
| 204    | 1/2        | @             | F2BZ-SC-008  |
|        | 5/8        | <b>064775</b> | F2BZ-SC-010  |
|        | 3/4        | <b>062648</b> | F2BZ-SC-012  |
|        | 20mm       | <b>130367</b> | F2BZ-SC-20M  |
| 205    | 7/8        | @             | F2BZ-SC-014  |
|        | 15/16      | @             | F2BZ-SC-015  |
|        | 1          | <b>056929</b> | F2BZ-SC-100  |
|        | 25mm       | <b>130368</b> | F2BZ-SC-25M  |
| 206    | 1-1/8      | <b>049926</b> | F2BZ-SC-102  |
|        | 1-3/16     | <b>064480</b> | F2BZ-SC-103  |
|        | 1-1/4      | @             | F2BZ-SC-104S |
|        | 30mm       | <b>130369</b> | F2BZ-SC-30M  |
| 207    | 1-1/4      | <b>064089</b> | F2BZ-SC-104  |
|        | 1-3/8      | @             | F2BZ-SC-106  |
|        | 1-7/16     | @             | F2BZ-SC-107  |
|        | 35mm       | <b>130370</b> | F2BZ-SC-35M  |
| 208    | 1-1/2      | <b>062686</b> | F2BZ-SC-108  |
|        | 1-5/8      | @             | F2BZ-SC-110  |
|        | 40mm       | <b>130371</b> | F2BZ-SC-40M  |
| 209    | 1-5/8      | @             | F2BZ-SC-110L |
|        | 1-11/16    | @             | F2BZ-SC-111  |
|        | 1-3/4      | @             | F2BZ-SC-112  |
|        | 45mm       | <b>130372</b> | F2BZ-SC-45M  |
| 210    | 1-15/16    | <b>056845</b> | F2BZ-SC-115  |
|        | 2          | @             | F2BZ-SC-200  |
|        | 50mm       | <b>130373</b> | F2BZ-SC-50M  |

@ Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SC NORMAL DUTY 2-BOLT PILOTED FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

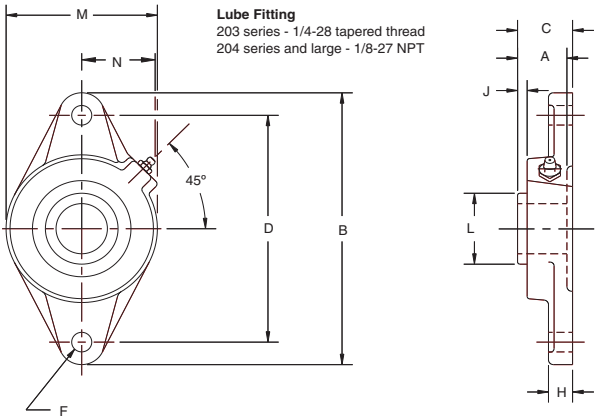
| Series | Shaft Size | Weight<br>lbs<br>kg | A       | B       | C       | D       | E     | F<br>Bolt<br>Dia | G       | H     | J     | K      | L       | M      | N       |
|--------|------------|---------------------|---------|---------|---------|---------|-------|------------------|---------|-------|-------|--------|---------|--------|---------|
| 204    | 1/2        | 1.2                 | 1-5/32  | 4-27/64 | 1-31/64 | 3-17/32 | 0.138 | 3/8              | 1-11/32 | 29/64 | 21/64 | 2.1654 | 1-1/8   | 2-3/8  | 1-3/8   |
|        | 5/8        | 1.2                 |         |         |         |         |       |                  |         |       |       |        |         |        |         |
|        | 3/4        | 1.1                 |         |         |         |         |       |                  |         |       |       |        |         |        |         |
|        | 20mm       | 0.3                 | 29.4    | 112.3   | 37.6    | 89.7    | 3.5   | M10              | 34.1    | 11.5  | 8.3   | 55     | 28.6    | 60.3   | 34.9    |
| 205    | 7/8        | 1.4                 | 1-3/16  | 4-7/8   | 1-33/64 | 3-57/64 | 0.138 | 7/16             | 1-1/4   | 29/64 | 23/64 | 2.3622 | 1-21/64 | 2-3/4  | 1-9/16  |
|        | 15/16      | 1.4                 |         |         |         |         |       |                  |         |       |       |        |         |        |         |
|        | 1          | 1.4                 |         |         |         |         |       |                  |         |       |       |        |         |        |         |
|        | 25mm       | 0.6                 | 30.2    | 123.8   | 38.3    | 98.8    | 3.5   | M10              | 34.8    | 11.5  | 9.1   | 60     | 33.7    | 69.9   | 39.7    |
| 206    | 1-1/8      | 1.8                 | 1-25/64 | 5-9/16  | 1-49/64 | 4-19/32 | 0.118 | 7/16             | 1-21/32 | 1/2   | 25/64 | 3.1496 | 1-37/64 | 3-1/4  | 1-3/4   |
|        | 1-3/16     | 1.8                 |         |         |         |         |       |                  |         |       |       |        |         |        |         |
|        | 1-1/4      | 1.8                 |         |         |         |         |       |                  |         |       |       |        |         |        |         |
|        | 30mm       | 0.8                 | 35.3    | 141.3   | 44.8    | 116.7   | 3.0   | M10              | 41.8    | 12.7  | 9.9   | 80     | 40.1    | 82.6   | 44.5    |
| 207    | 1-1/4      | 2.7                 | 1-17/32 | 6-1/8   | 1-55/64 | 5-1/8   | 0.158 | 1/2              | 1-45/64 | 31/64 | 17/32 | 3.5433 | 1-27/32 | 3-3/4  | 1-57/64 |
|        | 1-3/8      | 2.6                 |         |         |         |         |       |                  |         |       |       |        |         |        |         |
|        | 1-7/16     | 2.6                 |         |         |         |         |       |                  |         |       |       |        |         |        |         |
|        | 35mm       | 1.2                 | 38.9    | 155.6   | 47.2    | 130.2   | 4.0   | M12              | 43.2    | 12.3  | 13.5  | 90     | 46.8    | 95.3   | 48.0    |
| 208    | 1-1/2      | 3.9                 | 1-11/16 | 6-3/4   | 2-3/64  | 5-21/32 | 0.158 | 1/2              | 1-57/64 | 1/2   | 1/2   | 3.9370 | 2-3/64  | 4-1/8  | 1-7/8   |
|        | 1-5/8      | 3.8                 |         |         |         |         |       |                  |         |       |       |        |         |        |         |
|        | 40mm       | 1.7                 | 42.9    | 171.5   | 51.8    | 143.7   | 4.0   | M12              | 48.0    | 12.7  | 12.7  | 100    | 52.0    | 104.8  | 47.6    |
|        |            |                     |         |         |         |         |       |                  |         |       |       |        |         |        |         |
| 209    | 1-5/8      | 4.2                 | 1-23/32 | 7-1/16  | 2-5/64  | 5-27/32 | 0.158 | 9/16             | 1-59/64 | 31/64 | 17/32 | 4.1339 | 2-7/32  | 4-3/8  | 1-31/32 |
|        | 1-11/16    | 4.1                 |         |         |         |         |       |                  |         |       |       |        |         |        |         |
|        | 1-3/4      | 4.1                 |         |         |         |         |       |                  |         |       |       |        |         |        |         |
|        | 45mm       | 2.5                 | 43.7    | 179.4   | 52.86   | 148.4   | 4.0   | M12              | 48.8    | 12.3  | 13.5  | 105    | 56.4    | 111.1  | 50.0    |
| 210    | 1-15/16    | 3.6                 | 1-3/4   | 7-7/16  | 2-17/64 | 6-3/16  | 0.158 | 9/16             | 2-7/64  | 5/8   | 1/2   | 4.1339 | 2-7/16  | 4-9/16 | 2-1/32  |
|        | 2          | 4.4                 |         |         |         |         |       |                  |         |       |       |        |         |        |         |
|        | 50mm       | 2.6                 | 44.5    | 188.9   | 57.4    | 157.2   | 4.0   | M16              | 53.4    | 15.9  | 12.7  | 105    | 61.9    | 115.9  | 51.6    |
|        |            |                     |         |         |         |         |       |                  |         |       |       |        |         |        |         |

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCM MEDIUM DUTY 2-BOLT FLANGE BEARINGS



| Series | Shaft Size               | Standard      |             | Sealed for Life |                | With Flingers |                |
|--------|--------------------------|---------------|-------------|-----------------|----------------|---------------|----------------|
|        |                          | Part No.      | Description | Part No.        | Description    | Part No.      | Description    |
| 206    | 1<br>25mm                | <b>126284</b> | F2B-SCM-100 | @               | F2B-SCM-100-NL | <b>052616</b> | F2B-SCM-100-FF |
|        |                          | <b>125954</b> | F2B-SCM-25M | @               | F2B-SCM-25M-NL | @             | F2B-SCM-25M-FF |
| 207    | 1-3/16<br>1-1/4<br>30mm  | <b>126285</b> | F2B-SCM-103 | @               | F2B-SCM-103-NL | @             | F2B-SCM-103-FF |
|        |                          | <b>124276</b> | F2B-SC-104  | <b>126518</b>   | F2B-SC-104-NL  | <b>052664</b> | F2B-SC-104-FF  |
|        |                          | <b>125955</b> | F2B-SCM-30M | @               | F2B-SCM-30M-NL | @             | F2B-SCM-30M-FF |
| 208    | 1-7/16<br>35mm           | <b>126287</b> | F2B-SCM-107 | @               | F2B-SCM-107-NL | <b>056645</b> | F2B-SCM-107-FF |
|        |                          | <b>125956</b> | F2B-SCM-35M | @               | F2B-SCM-35M-NL | @             | F2B-SCM-35M-FF |
| 209    | 1-1/2<br>1-5/8<br>40mm   | <b>126288</b> | F2B-SCM-108 | <b>126536</b>   | F2B-SCM-108-NL | @             | F2B-SCM-108-FF |
|        |                          | <b>125171</b> | F2B-SC-110L | @               | F2B-SC-110L-NL | @             | F2B-SC-110L-FF |
|        |                          | <b>125957</b> | F2B-SCM-40M | @               | F2B-SCM-40M-NL | @             | F2B-SCM-40M-FF |
| 210    | 1-11/16<br>1-3/4<br>45mm | <b>126289</b> | F2B-SCM-111 | @               | F2B-SCM-111-NL | @             | F2B-SCM-111-FF |
|        |                          | <b>126290</b> | F2B-SCM-112 | @               | F2B-SCM-112-NL | @             | F2B-SCM-112-FF |
|        |                          | <b>125958</b> | F2B-SCM-45M | @               | F2B-SCM-45M-NL | @             | F2B-SCM-45M-FF |
| 211    | 1-15/16<br>2<br>50mm     | <b>126292</b> | F2B-SCM-115 | @               | F2B-SCM-115-NL | @             | F2B-SCM-115-FF |
|        |                          | <b>126293</b> | F2B-SCM-200 | @               | F2B-SCM-200-NL | <b>058986</b> | F2B-SCM-200-FF |
|        |                          | <b>125960</b> | F2B-SCM-50M | @               | F2B-SCM-50M-NL | @             | F2B-SCM-50M-FF |
| 212    | 2-3/16<br>2-1/4<br>55mm  | @             | F2B-SCM-203 | @               | F2B-SCM-203-NL | @             | F2B-SCM-203-FF |
|        |                          | @             | F2B-SCM-204 | @               | F2B-SCM-204-NL | @             | F2B-SCM-204-FF |
|        |                          | @             | F2B-SCM-55M | @               | F2B-SCM-55M-NL | @             | F2B-SCM-55M-FF |

@ Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCM MEDIUM DUTY 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight<br>lbs.<br>kgs | A       | B       | C       | D       | F<br>Bolt<br>Dia. | H     | J     | L       | M      | N       |
|--------|------------|-----------------------|---------|---------|---------|---------|-------------------|-------|-------|---------|--------|---------|
| 206    | 1          | 2.4                   | 1-25/64 | 5-9/16  | 1-17/32 | 4-19/32 | 7/16              | 1/2   | 15/32 | 1-37/64 | 3-1/8  | 1-9/16  |
|        | 25mm       | 1.0                   | 35.3    | 141.3   | 38.8    | 116.7   | M12               | 12.7  | 11.6  | 40.1    | 79.4   | 39.7    |
| 207    | 1-3/16     | 3.6                   | 1-17/32 | 6-1/8   | 1-3/4   | 5-1/8   | 1/2               | 9/16  | 17/32 | 1-27/32 | 3-3/4  | 1-27/32 |
|        | 1-1/4      | 3.5                   |         |         |         |         |                   |       |       |         |        |         |
|        | 30mm       | 1.6                   | 38.9    | 155.6   | 44.5    | 130.2   | M12               | 14.3  | 13.4  | 46.8    | 95.3   | 46.8    |
| 208    | 1-7/16     | 4.1                   | 1-11/16 | 6-3/4   | 1-7/8   | 5-21/32 | 1/2               | 9/16  | 17/32 | 2-3/64  | 4-1/8  | 1-53/64 |
|        | 35mm       | 1.9                   | 42.9    | 171.5   | 47.5    | 143.7   | M12               | 14.3  | 13.4  | 52.0    | 104.8  | 46.4    |
| 209    | 1-1/2      | 5.3                   | 1-23/32 | 7-1/16  | 1-15/16 | 5-27/32 | 1/2               | 5/8   | 17/32 | 2-7/32  | 4-3/8  | 1-29/32 |
|        | 1-5/8      | 5.2                   |         |         |         |         |                   |       |       |         |        |         |
|        | 40mm       | 2.3                   | 43.7    | 179.4   | 49.2    | 148.4   | M14               | 15.9  | 13.4  | 56.4    | 111.1  | 48.4    |
| 210    | 1-11/16    | 5.8                   | 1-3/4   | 7-7/16  | 2       | 6-3/16  | 1/2               | 5/8   | 17/32 | 2-7/16  | 4-9/16 | 2-1/32  |
|        | 1-3/4      | 5.6                   |         |         |         |         |                   |       |       |         |        |         |
|        | 45mm       | 2.6                   | 44.5    | 188.9   | 50.7    | 157.2   | M16               | 15.9  | 13.4  | 61.9    | 115.9  | 51.6    |
| 211    | 1-15/16    | 6.7                   | 1-27/32 | 8-5/8   | 2-5/32  | 7-1/4   | 5/8               | 11/16 | 9/16  | 2-23/32 | 5-1/4  | 2-17/64 |
|        | 2          | 6.5                   |         |         |         |         |                   |       |       |         |        |         |
|        | 50mm       | 2.9                   | 46.8    | 219.1   | 54.8    | 184.2   | M16               | 17.5  | 14.3  | 69.1    | 133.4  | 57.5    |
| 212    | 2-3/16     | 7.4                   | 1-63/64 | 9-13/16 | 2-9/32  | 7-61/64 | 7/8               | 13/16 | 9/16  | 2-31/32 | 5-1/2  | 2-15/32 |
|        | 2-1/4      | 7.2                   |         |         |         |         |                   |       |       |         |        |         |
|        | 55mm       | 3.2                   | 50.4    | 249.2   | 57.9    | 202.0   | M22               | 20.6  | 14.3  | 75.4    | 139.7  | 62.7    |

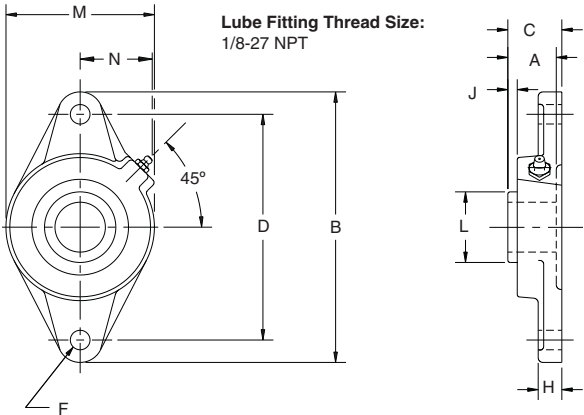
|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCMAH MEDIUM DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS



| Series | Shaft Size | Part No.      | Standard Description |
|--------|------------|---------------|----------------------|
| 206    | 1          | <b>050498</b> | F2B-SCMAH-100        |
|        | 25mm       | @             | F2B-SCMAH-25M        |
| 207    | 1-3/16     | <b>050146</b> | F2B-SCMAH-103        |
|        | 1-1/4      | <b>123733</b> | F2B-SCAH-104         |
|        | 30mm       | @             | F2B-SCMAH-30M        |
| 208    | 1-7/16     | <b>123755</b> | F2B-SCMAH-107        |
|        | 35mm       | @             | F2B-SCMAH-35M        |
| 209    | 1-1/2      | @             | F2B-SCMAH-108        |
|        | 1-5/8      | @             | F2B-SCAH-110L        |
|        | 40mm       | @             | F2B-SCMAH-40M        |
| 210    | 1-11/16    | <b>123757</b> | F2B-SCMAH-111        |
|        | 1-3/4      | <b>123758</b> | F2B-SCMAH-112        |
|        | 45mm       | @             | F2B-SCMAH-45M        |
| 211    | 1-15/16    | <b>064198</b> | F2B-SCMAH-115        |
|        | 2          | @             | F2B-SCMAH-200        |
|        | 50mm       | @             | F2B-SCMAH-50M        |
| 212    | 2-3/16     | @             | F2B-SCMAH-203        |
|        | 2-1/4      | @             | F2B-SCMAH-204        |
|        | 55mm       | @             | F2B-SCMAH-55M        |

@ Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SCMAH MEDIUM DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

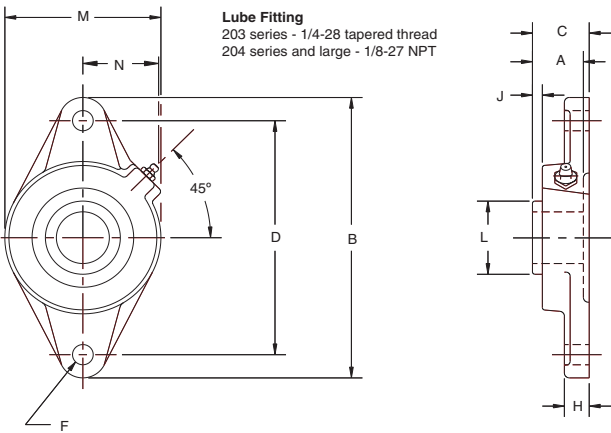
| Series | Shaft Size | Weight<br>lbs<br>kg | A       | B       | C       | D       | F<br>Bolt<br>Dia. | H     | J     | L       | M      | N       |
|--------|------------|---------------------|---------|---------|---------|---------|-------------------|-------|-------|---------|--------|---------|
| 206    | 1          | 2.4                 | 1-25/64 | 5-9/16  | 1-17/32 | 4-19/32 | 7/16              | 1/2   | 15/32 | 1-37/64 | 3-1/8  | 1-9/16  |
|        | 25mm       | 1.0                 | 35.3    | 141.3   | 38.8    | 116.7   | M12               | 12.7  | 11.6  | 40.1    | 79.4   | 39.7    |
| 207    | 1-3/16     | 3.6                 | 1-17/32 | 6-1/8   | 1-3/4   | 5-1/8   | 1/2               | 9/16  | 17/32 | 1-27/32 | 3-3/4  | 1-27/32 |
|        | 1-1/4      | 3.5                 |         |         |         |         |                   |       |       |         |        |         |
|        | 30mm       | 1.6                 | 38.9    | 155.6   | 44.5    | 130.2   | M12               | 14.3  | 13.4  | 46.8    | 95.3   | 46.8    |
| 208    | 1-7/16     | 4.1                 | 1-11/16 | 6-3/4   | 1-7/8   | 5-21/32 | 1/2               | 9/16  | 17/32 | 2-3/64  | 4-1/8  | 1-53/64 |
|        | 35mm       | 1.9                 | 42.9    | 171.5   | 47.5    | 143.7   | M12               | 14.3  | 13.4  | 52.0    | 104.8  | 46.4    |
| 209    | 1-1/2      | 5.3                 | 1-23/32 | 7-1/16  | 1-15/16 | 5-27/32 | 1/2               | 5/8   | 17/32 | 2-7/32  | 4-3/8  | 1-29/32 |
|        | 1-5/8      | 5.2                 |         |         |         |         |                   |       |       |         |        |         |
|        | 40mm       | 2.3                 | 43.7    | 179.4   | 49.2    | 148.4   | M14               | 15.9  | 13.4  | 56.4    | 111.1  | 48.4    |
| 210    | 1-11/16    | 5.8                 | 1-3/4   | 7-7/16  | 2       | 6-3/16  | 1/2               | 5/8   | 17/32 | 2-7/16  | 4-9/16 | 2-1/32  |
|        | 1-3/4      | 5.6                 |         |         |         |         |                   |       |       |         |        |         |
|        | 45mm       | 2.6                 | 44.5    | 188.9   | 50.7    | 157.2   | M16               | 15.9  | 13.4  | 61.9    | 115.9  | 51.6    |
| 211    | 1-15/16    | 6.7                 | 1-27/32 | 8-5/8   | 2-5/32  | 7-1/4   | 5/8               | 11/16 | 9/16  | 2-23/32 | 5-1/4  | 2-17/64 |
|        | 2          | 6.5                 |         |         |         |         |                   |       |       |         |        |         |
|        | 50mm       | 2.9                 | 46.8    | 219.1   | 54.8    | 184.2   | M16               | 17.5  | 14.3  | 69.1    | 133.4  | 57.5    |
| 212    | 2-3/16     | 7.4                 | 1-63/64 | 9-13/16 | 2-9/32  | 7-61/64 | 7/8               | 13/16 | 9/16  | 2-31/32 | 5-1/2  | 2-15/32 |
|        | 2-1/4      | 7.2                 |         |         |         |         |                   |       |       |         |        |         |
|        | 55mm       | 3.2                 | 50.4    | 249.2   | 57.9    | 202.0   | M22               | 20.6  | 14.3  | 75.4    | 139.7  | 62.7    |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings VSC INTERMEDIATE DUTY 2-BOLT FLANGE BEARINGS



| Series | Shaft Size | Standard      |              | No-Lube/Sealed for Life (-NL) |                 |
|--------|------------|---------------|--------------|-------------------------------|-----------------|
|        |            | Part No.      | Description  | Part No.                      | Description     |
| 203    | 1/2        | <b>125516</b> | F2B-VSC-008  | @                             | F2B-VSC-008-NL  |
|        | 5/8        | <b>125517</b> | F2B-VSC-010  | @                             | F2B-VSC-010-NL  |
|        | 17mm       | <b>125703</b> | F2B-VSC-17M  | @                             | F2B-VSC-17M-NL  |
| 204    | 3/4        | <b>123610</b> | F2B-VSC-012  | <b>057854</b>                 | F2B-VSC-012-NL  |
|        | 20mm       | <b>125704</b> | F2B-VSC-20M  | @                             | F2B-VSC-20M-NL  |
| 205    | 7/8        | <b>125518</b> | F2B-VSC-014  | @                             | F2B-VSC-014-NL  |
|        | 15/16      | <b>125519</b> | F2B-VSC-015  | @                             | F2B-VSC-015-NL  |
|        | 1          | <b>123611</b> | F2B-VSC-100  | <b>050778</b>                 | F2B-VSC-100-NL  |
|        | 25mm       | <b>125705</b> | F2B-VSC-25M  | @                             | F2B-VSC-25M-NL  |
| 206    | 1-1/8      | <b>125520</b> | F2B-VSC-102  | @                             | F2B-VSC-102-NL  |
|        | 1-3/16     | <b>123612</b> | F2B-VSC-103  | <b>050840</b>                 | F2B-VSC-103-NL  |
|        | 1-1/4      | <b>123618</b> | F2B-VSC-104S | <b>051888</b>                 | F2B-VSC-104S-NL |
|        | 30mm       | <b>125752</b> | F2B-VSC-30M  | @                             | F2B-VSC-30M-NL  |
| 207    | 1-1/4      | <b>123613</b> | F2B-VSC-104  | @                             | F2B-VSC-104-NL  |
|        | 1-3/8      | <b>125521</b> | F2B-VSC-106  | <b>049468</b>                 | F2B-VSC-106-NL  |
|        | 1-7/16     | <b>123614</b> | F2B-VSC-107  | <b>051699</b>                 | F2B-VSC-107-NL  |
|        | 35mm       | <b>125706</b> | F2B-VSC-35M  | @                             | F2B-VSC-35M-NL  |
| 208    | 1-1/2      | <b>123615</b> | F2B-VSC-108  | @                             | F2B-VSC-108-NL  |
|        | 40mm       | <b>125707</b> | F2B-VSC-40M  | @                             | F2B-VSC-40M-NL  |
| 209    | 1-11/16    | <b>125522</b> | F2B-VSC-111  | <b>050842</b>                 | F2B-VSC-111-NL  |
|        | 1-3/4      | <b>125523</b> | F2B-VSC-112  | <b>049892</b>                 | F2B-VSC-112-NL  |
|        | 45mm       | <b>125708</b> | F2B-VSC-45M  | @                             | F2B-VSC-45M-NL  |
| 210    | 1-15/16    | <b>123616</b> | F2B-VSC-115  | <b>059811</b>                 | F2B-VSC-115-NL  |
|        | 2          | <b>123617</b> | F2B-VSC-200  | <b>056727</b>                 | F2B-VSC-200-NL  |
|        | 50mm       | <b>125709</b> | F2B-VSC-50M  | @                             | F2B-VSC-50M-NL  |
| 211    | 2          | <b>123694</b> | F2B-VSC-200L | @                             | F2B-VSC-200L-NL |
|        | 2-3/16     | <b>123619</b> | F2B-VSC-203  | @                             | F2B-VSC-203-NL  |
|        | 55mm       | <b>125710</b> | F2B-VSC-55M  | @                             | F2B-VSC-55M-NL  |

@Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### VSC INTERMEDIATE DUTY 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight<br>lbs.<br>kg. | A       | B       | C       | D       | F<br>Bolt<br>Dia. | H     | J     | L       | M      | N       |
|--------|------------|-----------------------|---------|---------|---------|---------|-------------------|-------|-------|---------|--------|---------|
| 203    | 1/2        | 0.8                   | 15/16   | 3-7/8   | 1-3/16  | 3       | 3/8               | 3/8   | 11/32 | 31/32   | 2-1/8  | 1-1/8   |
|        | 5/8        | 0.7                   |         |         |         |         |                   |       |       |         |        |         |
|        | 17mm       | 0.36                  | 23.8    | 98.4    | 30.2    | 76.2    | M10               | 9.5   | 8.7   | 24.6    | 54.0   | 28.6    |
| 204    | 3/4        | 1.4                   | 1-1/16  | 4-13/32 | 1-3/8   | 3-17/32 | 3/8               | 1/2   | 25/64 | 1-1/8   | 2-3/8  | 1-1/2   |
|        | 20mm       | 0.63                  | 27.0    | 111.9   | 34.9    | 89.7    | M10               | 12.7  | 9.9   | 28.6    | 60.3   | 38.1    |
|        |            |                       |         |         |         |         |                   |       |       |         |        |         |
| 205    | 7/8        | 1.6                   | 1-3/32  | 4-7/8   | 1-11/32 | 3-57/64 | 7/16              | 1/2   | 25/64 | 1-21/64 | 2-3/4  | 1-7/16  |
|        | 15/16      | 1.5                   |         |         |         |         |                   |       |       |         |        |         |
|        | 1          | 1.4                   |         |         |         |         |                   |       |       |         |        |         |
| 206    | 25mm       | 0.67                  | 27.8    | 123.8   | 34.1    | 98.8    | M10               | 12.7  | 9.9   | 33.7    | 69.9   | 36.5    |
|        | 1-1/8      | 2.2                   | 1-19/64 | 5-9/16  | 1-17/32 | 4-19/32 | 7/16              | 1/2   | 15/32 | 1-37/64 | 3-1/8  | 1-9/16  |
|        | 1-3/16     | 2.1                   |         |         |         |         |                   |       |       |         |        |         |
| 207    | 1-1/4      | 3.5                   | 1-7/16  | 6-1/8   | 1-3/4   | 5-1/8   | 1/2               | 9/16  | 17/32 | 1-27/32 | 3-3/4  | 1-27/32 |
|        | 1-3/8      | 3.3                   |         |         |         |         |                   |       |       |         |        |         |
|        | 1-7/16     | 3.2                   |         |         |         |         |                   |       |       |         |        |         |
| 208    | 35mm       | 1.43                  | 36.5    | 155.6   | 44.5    | 130.2   | M12               | 14.3  | 13.5  | 46.8    | 95.3   | 46.8    |
|        | 1-1/2      | 4.1                   | 1-9/16  | 6-3/4   | 1-7/8   | 5-21/32 | 1/2               | 9/16  | 17/32 | 2-3/64  | 4-1/8  | 1-53/64 |
|        | 40mm       | 1.83                  | 39.7    | 171.5   | 47.6    | 143.7   | M12               | 14.3  | 13.5  | 52.0    | 104.8  | 46.4    |
| 209    | 1-11/16    | 5.0                   | 1-19/32 | 7-1/16  | 1-15/16 | 5-27/32 | 1/2               | 5/8   | 17/32 | 2-7/32  | 4-3/8  | 1-29/32 |
|        | 1-3/4      | 4.9                   |         |         |         |         |                   |       |       |         |        |         |
|        | 45mm       | 2.23                  | 40.5    | 179.4   | 49.20   | 148.4   | M14               | 15.9  | 13.5  | 56.4    | 111.1  | 48.4    |
| 210    | 1-15/16    | 5.4                   | 1-5/8   | 7-7/16  | 2       | 6-3/16  | 1/2               | 5/8   | 17/32 | 2-7/16  | 4-9/16 | 2-1/32  |
|        | 2          | 5.2                   |         |         |         |         |                   |       |       |         |        |         |
|        | 50mm       | 2.41                  | 40.5    | 188.9   | 50.8    | 157.2   | M16               | 15.9  | 13.5  | 61.9    | 115.9  | 51.6    |
| 211    | 2          | 6.7                   | 1-23/32 | 8-5/8   | 2-5/32  | 7-1/4   | 5/8               | 11/16 | 9/16  | 2-23/32 | 5-1/4  | 2-17/64 |
|        | 2-3/16     | 6.5                   |         |         |         |         |                   |       |       |         |        |         |
|        | 55mm       | 2.99                  | 41.3    | 219.1   | 54.8    | 184.2   | M16               | 17.5  | 14.3  | 69.1    | 133.4  | 57.5    |

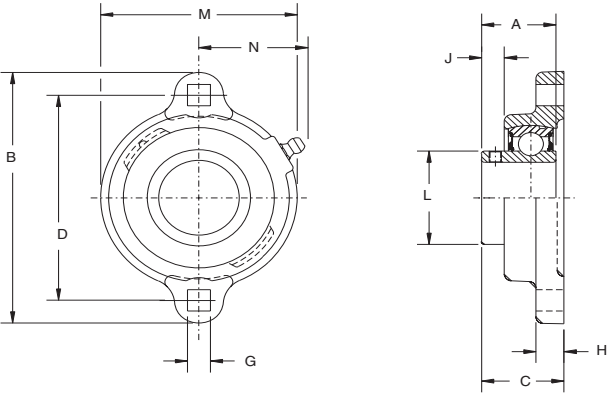
|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC LFT NORMAL DUTY 2-BOLT FLANGE BEARINGS

Lube Fitting Thread Size:  
1/4-28 Tapered Thread



| Series | Shaft Size | Standard      |             | Sealed for Life (No Lube) |                |
|--------|------------|---------------|-------------|---------------------------|----------------|
|        |            | Part No.      | Description | Part No.                  | Description    |
| 203    | 1/2        | <b>124640</b> | LFT-SC-008  | <b>124660</b>             | LFT-SC-008-NL  |
|        | 5/8        | <b>124641</b> | LFT-SC-010  | <b>124661</b>             | LFT-SC-010-NL  |
|        | 17mm       | <b>130362</b> | LFT-SC-17M  | @                         | LFT-SC-17M-NL  |
| 204    | 3/4        | <b>124642</b> | LFT-SC-012  | <b>124662</b>             | LFT-SC-012-NL  |
|        | 20mm       | <b>130363</b> | LFT-SC-20M  | @                         | LFT-SC-20M-NL  |
| 205    | 7/8        | <b>124643</b> | LFT-SC-014  | <b>124663</b>             | LFT-SC-014-NL  |
|        | 15/16      | <b>124644</b> | LFT-SC-015  | <b>124664</b>             | LFT-SC-015-NL  |
|        | 1          | <b>124645</b> | LFT-SC-100  | <b>124665</b>             | LFT-SC-100-NL  |
|        | 25mm       | <b>130364</b> | LFT-SC-25M  | @                         | LFT-SC-25M-NL  |
| 206    | 1-1/16     | <b>124646</b> | LFT-SC-101  | <b>124666</b>             | LFT-SC-101-NL  |
|        | 1-1/8      | <b>124647</b> | LFT-SC-102  | <b>124667</b>             | LFT-SC-102-NL  |
|        | 1-3/16     | <b>124648</b> | LFT-SC-103  | <b>124668</b>             | LFT-SC-103-NL  |
|        | 1-1/4      | <b>124649</b> | LFT-SC-104S | <b>124669</b>             | LFT-SC-104S-NL |
|        | 30mm       | <b>130365</b> | LFT-SC-30M  | @                         | LFT-SC-30M-NL  |
| 207    | 1-1/4      | <b>124650</b> | LFT-SC-104  | <b>124670</b>             | LFT-SC-104-NL  |
|        | 1-5/16     | <b>124651</b> | LFT-SC-105  | <b>124671</b>             | LFT-SC-105-NL  |
|        | 1-3/8      | <b>124652</b> | LFT-SC-106  | <b>124672</b>             | LFT-SC-106-NL  |
|        | 1-7/16     | <b>124653</b> | LFT-SC-107  | <b>124673</b>             | LFT-SC-107-NL  |
|        | 35mm       | <b>130366</b> | LFT-SC-35M  | @                         | LFT-SC-35M-NL  |

\* No lube fitting required in the SCLFT NoLube

@ Assembled to order.

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC LFT NORMAL DUTY 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight<br>lbs<br>kgs | A       | B       | C       | D       | G     | H     | J     | L       | M     | N*      |
|--------|------------|----------------------|---------|---------|---------|---------|-------|-------|-------|---------|-------|---------|
| 203    | 1/2        | 0.60                 | 1       | 3-3/16  | 1-3/64  | 2-1/2   | 9/32  | 3/8   | 21/64 | 31/32   | 2-1/8 | 1-15/64 |
|        | 5/8        | 0.55                 |         |         |         |         |       |       |       |         |       |         |
|        | 17mm       | 0.27                 |         |         |         |         |       |       |       |         |       |         |
| 204    | 3/4        | 0.80                 | 1-5/32  | 3-9/16  | 1-7/32  | 2-13/16 | 11/32 | 27/64 | 3/8   | 1-1/8   | 2-3/8 | 1-11/32 |
|        | 20mm       | 0.36                 |         |         |         |         |       |       |       |         |       |         |
| 205    | 7/8        | 0.95                 | 1-3/16  | 3-3/4   | 1-1/4   | 3       | 11/32 | 27/64 | 3/8   | 1-21/64 | 2-5/8 | 1-7/16  |
|        | 15/16      | 0.90                 |         |         |         |         |       |       |       |         |       |         |
|        | 1          | 0.85                 |         |         |         |         |       |       |       |         |       |         |
|        | 25mm       | 0.43                 |         |         |         |         |       |       |       |         |       |         |
| 206    | 1-1/16     | 1.50                 | 1-25/64 | 4-7/16  | 1-15/32 | 3-9/16  | 13/32 | 15/32 | 15/32 | 1-37/64 | 3-1/4 | 1-23/32 |
|        | 1-1/8      | 1.45                 |         |         |         |         |       |       |       |         |       |         |
|        | 1-3/16     | 1.40                 |         |         |         |         |       |       |       |         |       |         |
|        | 1-1/4      | 1.35                 |         |         |         |         |       |       |       |         |       |         |
|        | 30mm       | 0.67                 |         |         |         |         |       |       |       |         |       |         |
| 207    | 1-1/4      | 1.85                 | 1-17/32 | 4-13/16 | 1-19/32 | 3-15/16 | 13/32 | 1/2   | 17/32 | 1-27/32 | 3-1/2 | 1-53/64 |
|        | 1-5/16     | 1.80                 |         |         |         |         |       |       |       |         |       |         |
|        | 1-3/8      | 1.75                 |         |         |         |         |       |       |       |         |       |         |
|        | 1-7/16     | 1.70                 |         |         |         |         |       |       |       |         |       |         |
|        | 35mm       | 0.81                 |         |         |         |         |       |       |       |         |       |         |

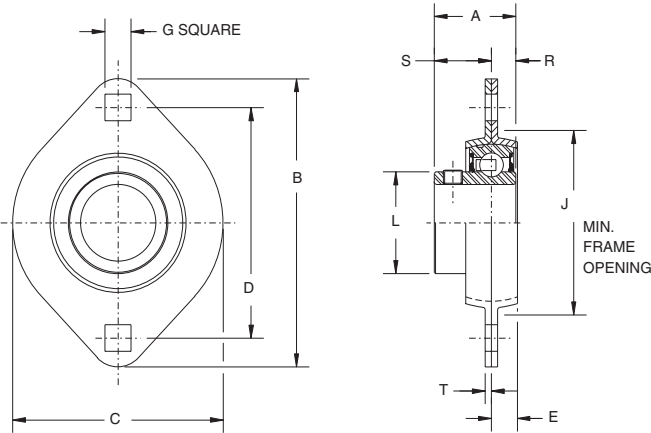
\* No lube fitting required in the SCLFT NoLube

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SL LIGHT DUTY 2-BOLT FLANGE BEARINGS



| Series | Shaft Size | Part No.      | Description |
|--------|------------|---------------|-------------|
| 203    | 1/2        | <b>128151</b> | F2B-SL-008  |
|        | 5/8        | <b>128154</b> | F2B-SL-010  |
|        | 17mm       | @             | F2B-SL-17M  |
| 204    | 3/4        | <b>128092</b> | F2B-SL-012  |
|        | 20mm       | @             | F2B-SL-20M  |
| 205    | 7/8        | <b>128174</b> | F2B-SL-014  |
|        | 15/16      | <b>128175</b> | F2B-SL-015  |
|        | 1          | <b>128093</b> | F2B-SL-100  |
|        | 25mm       | @             | F2B-SL-25M  |
| 206    | 1-1/8      | <b>128176</b> | F2B-SL-102  |
|        | 1-3/16     | <b>128094</b> | F2B-SL-103  |
|        | 1-1/4      | <b>128097</b> | F2B-SL-104S |
|        | 30mm       | @             | F2B-SL-30M  |
| 207    | 1-1/4      | <b>128095</b> | F2B-SL-104  |
|        | 1-3/8      | <b>128177</b> | F2B-SL-106  |
|        | 1-7/16     | <b>128096</b> | F2B-SL-107  |
|        | 35mm       | @             | F2B-SL-35M  |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SL LIGHT DUTY 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight<br>lbs.<br>kg | A       | B       | C       | D       | E     | G*    | J       | L       | R     | S      | T     | Housing<br>Radial<br>Load<br>Rating<br>(lbs)<br>N |
|--------|------------|----------------------|---------|---------|---------|---------|-------|-------|---------|---------|-------|--------|-------|---------------------------------------------------|
| 203    | 1/2        | 0.45                 | 15/16   | 3-3/16  | 2-5/16  | 2-1/2   | 9/32  | 9/32  | 1-15/16 | 31/32   | 19/64 | 41/64  | 0.075 | 600                                               |
|        | 5/8        | 0.42                 |         |         |         |         |       |       |         |         |       |        |       |                                                   |
|        | 17mm       | 0.20                 | 23.8    | 81.0    | 58.7    | 63.5    | 7.1   | 7.1   | 49.2    | 24.6    | 7.5   | 16.3   | 1.9   | 2,668                                             |
| 204    | 3/4        | 0.55                 | 1-1/16  | 3-9/16  | 2-5/8   | 2-13/16 | 5/16  | 11/32 | 2-3/16  | 1-1/8   | 21/64 | 47/64  | 0.083 | 700                                               |
|        | 20mm       | 0.25                 | 27.0    | 90.5    | 66.7    | 71.4    | 7.9   | 8.7   | 55.6    | 28.6    | 8.3   | 18.7   | 2.1   | 3,112                                             |
| 205    | 7/8        | 0.81                 | 1-3/32  | 3-3/4   | 2-51/64 | 3       | 11/32 | 11/32 | 2-3/8   | 1-21/64 | 21/64 | 49/64  | 0.083 | 800                                               |
|        | 15/16      | 0.77                 |         |         |         |         |       |       |         |         |       |        |       |                                                   |
|        | 1          | 0.65                 |         |         |         |         |       |       |         |         |       |        |       |                                                   |
|        | 25mm       | .34                  | 27.8    | 95.3    | 71.0    | 76.2    | 8.7   | 8.7   | 60.3    | 33.7    | 8.3   | 19.4   | 2.1   | 3,557                                             |
| 206    | 1-1/8      | 1.05                 | 1-19/64 | 4-7/16  | 3-5/16  | 3-9/16  | 11/32 | 13/32 | 2-13/16 | 1-37/64 | 25/64 | 29/32  | 0.104 | 1,100                                             |
|        | 1-3/16     | 1.02                 |         |         |         |         |       |       |         |         |       |        |       |                                                   |
|        | 1-1/4      | 1.00                 |         |         |         |         |       |       |         |         |       |        |       |                                                   |
|        | 30mm       | 0.46                 | 32.9    | 112.7   | 84.1    | 90.5    | 8.7   | 10.3  | 71.4    | 40.1    | 9.9   | 23.0   | 2.6   | 4,891                                             |
| 207    | 1-1/4      | 1.53                 | 1-7/16  | 4-15/16 | 3-11/16 | 3-15/16 | 7/16  | 13/32 | 3-3/16  | 1-27/32 | 13/32 | 1-1/32 | 0.104 | 1,400                                             |
|        | 1-3/8      | 1.50                 |         |         |         |         |       |       |         |         |       |        |       |                                                   |
|        | 1-7/16     | 1.37                 |         |         |         |         |       |       |         |         |       |        |       |                                                   |
|        | 35mm       | 0.67                 | 36.5    | 125.4   | 93.7    | 100.0   | 11.1  | 10.3  | 81.0    | 46.8    | 10.3  | 26.2   | 2.6   | 6,225                                             |

\* Mounting bolt holes will accept either carriage or machine bolts

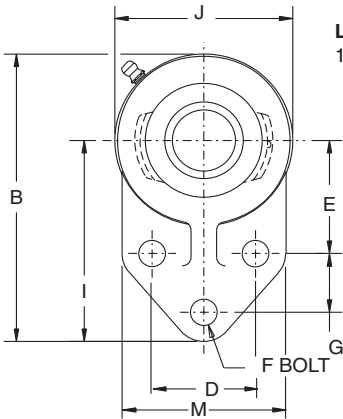
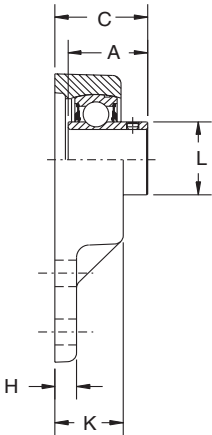
|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC FB NORMAL DUTY 3-BOLT FLANGED BRACKET BEARINGS



**Lube Fitting Thread Size:**  
1/8-27 NPT

| Series | Shaft Size | Standard      |             | No Lube/Sealed for Life (-NL) |               | With Flingers |               |
|--------|------------|---------------|-------------|-------------------------------|---------------|---------------|---------------|
|        |            | Part No.      | Description | Part No.                      | Description   | Part No.      | Description   |
| 204    | 1/2        | <b>124435</b> | FB-SC-008   | <b>@</b>                      | FB-SC-008-NL  | <b>@</b>      | FB-SC-008-FF  |
|        | 5/8        | <b>124436</b> | FB-SC-010   | <b>059816</b>                 | FB-SC-010-NL  | <b>@</b>      | FB-SC-010-FF  |
|        | 3/4        | <b>124437</b> | FB-SC-012   | <b>058544</b>                 | FB-SC-012-NL  | <b>049726</b> | FB-SC-012-FF  |
| 205    | 7/8        | <b>124438</b> | FB-SC-014   | <b>056765</b>                 | FB-SC-014-NL  | <b>@</b>      | FB-SC-014-FF  |
|        | 15/16      | <b>124439</b> | FB-SC-015   | <b>@</b>                      | FB-SC-015-NL  | <b>@</b>      | FB-SC-015-FF  |
|        | 1          | <b>124440</b> | FB-SC-100   | <b>051774</b>                 | FB-SC-100-NL  | <b>@</b>      | FB-SC-100-FF  |
| 206    | 1-1/16     | <b>124441</b> | FB-SC-101   | <b>@</b>                      | FB-SC-101-NL  | <b>@</b>      | FB-SC-101-FF  |
|        | 1-1/8      | <b>124442</b> | FB-SC-102   | <b>@</b>                      | FB-SC-102-NL  | <b>@</b>      | FB-SC-102-FF  |
|        | 1-3/16     | <b>124443</b> | FB-SC-103   | <b>049615</b>                 | FB-SC-103-NL  | <b>@</b>      | FB-SC-103-FF  |
|        | 1-1/4      | <b>124444</b> | FB-SC-104S  | <b>124450</b>                 | FB-SC-104S-NL | <b>054263</b> | FB-SC-104S-FF |
| 207    | 1-1/4      | <b>124445</b> | FB-SC-104   | <b>058545</b>                 | FB-SC-104-NL  | <b>@</b>      | FB-SC-104-FF  |
|        | 1-5/16     | <b>124446</b> | FB-SC-105   | <b>@</b>                      | FB-SC-105-NL  | <b>@</b>      | FB-SC-105-FF  |
|        | 1-3/8      | <b>124447</b> | FB-SC-106   | <b>@</b>                      | FB-SC-106-NL  | <b>@</b>      | FB-SC-106-FF  |
|        | 1-7/16     | <b>124448</b> | FB-SC-107   | <b>052016</b>                 | FB-SC-107-NL  | <b>124449</b> | FB-SC-107-FF  |
| 210    | 1-11/16    | <b>052906</b> | FB-SCM-111  | <b>@</b>                      | FB-SCM-111-NL | <b>@</b>      | FB-SCM-111-FF |
|        | 1-15/16    | <b>052094</b> | FB-SC-115   | <b>@</b>                      | FB-SC-115-NL  | <b>@</b>      | FB-SC-115-FF  |
|        | 2          | <b>058529</b> | FB-SC-200   | <b>@</b>                      | FB-SC-200-NL  | <b>@</b>      | FB-SC-200-FF  |

@ Assembled to order.

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SC FB NORMAL DUTY 3-BOLT FLANGED BRACKET BEARINGS

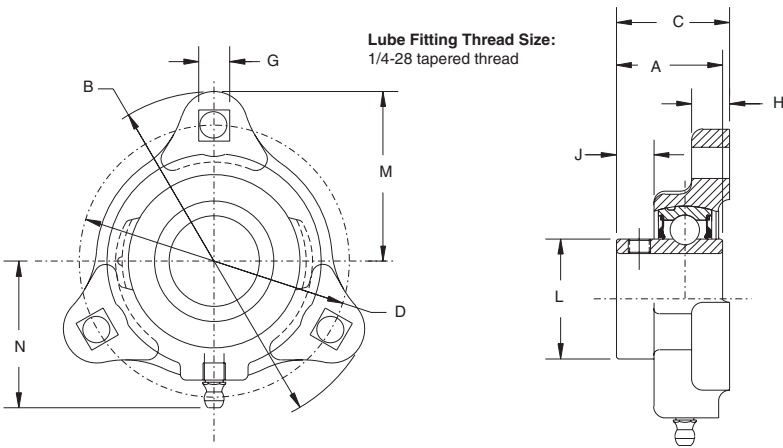
| Series | Shaft Size | Weight lbs | A       | B     | C       | D     | E       | F Bolt Dia. | G     | H    | I      | J     | K      | L       | M     |
|--------|------------|------------|---------|-------|---------|-------|---------|-------------|-------|------|--------|-------|--------|---------|-------|
| 204    | 1/2        | 1.51       | 1-5/32  | 4-1/4 | 1-11/32 | 1-1/2 | 1-11/16 | 3/8         | 7/8   | 5/16 | 3      | 2-1/2 | 63/64  | 1-1/8   | 2-3/8 |
|        | 5/8        | 1.48       |         |       |         |       |         |             |       |      |        |       |        |         |       |
|        | 3/4        | 1.45       |         |       |         |       |         |             |       |      |        |       |        |         |       |
| 205    | 7/8        | 1.81       | 1-3/16  | 4-3/4 | 1-1/2   | 1-5/8 | 1-13/16 | 3/8         | 1-1/8 | 3/8  | 3-3/8  | 2-3/4 | 1-7/64 | 1-21/64 | 2-1/2 |
|        | 15/16      | 1.78       |         |       |         |       |         |             |       |      |        |       |        |         |       |
|        | 1          | 1.75       |         |       |         |       |         |             |       |      |        |       |        |         |       |
| 206    | 1-1/16     | 2.12       | 1-25/64 | 5-3/8 | 1-5/8   | 1-7/8 | 2-1/16  | 3/8         | 1-1/4 | 3/8  | 3-3/4  | 3-1/4 | 1-1/8  | 1-37/64 | 2-3/4 |
|        | 1-1/8      | 2.08       |         |       |         |       |         |             |       |      |        |       |        |         |       |
|        | 1-3/16     | 2.05       |         |       |         |       |         |             |       |      |        |       |        |         |       |
|        | 1-1/4      | 2.02       |         |       |         |       |         |             |       |      |        |       |        |         |       |
| 207    | 1-1/4      | 3.46       | 1-17/32 | 6-1/8 | 1-7/8   | 2     | 2-3/8   | 1/2         | 1-1/4 | 1/2  | 4-1/4  | 3-3/4 | 1-5/16 | 1-27/32 | 3-1/4 |
|        | 1-5/16     | 3.41       |         |       |         |       |         |             |       |      |        |       |        |         |       |
|        | 1-3/8      | 3.36       |         |       |         |       |         |             |       |      |        |       |        |         |       |
|        | 1-7/16     | 3.30       |         |       |         |       |         |             |       |      |        |       |        |         |       |
| 210    | 1-11/16    | 5.70       | 1-3/4   | 7-1/2 | 2-1/32  | 2-3/4 | 2-15/16 | 1/2         | 1-5/8 | 1/2  | 5-3/16 | 4-5/8 | 1-1/2  | 2-7/16  | 4     |
|        | 1-15/16    | 5.50       |         |       |         |       |         |             |       |      |        |       |        |         |       |
|        | 2          | 5.40       |         |       |         |       |         |             |       |      |        |       |        |         |       |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC LF NORMAL DUTY 3-BOLT FLANGE BEARINGS



| Series | Shaft Size | Standard      |             | Sealed for Life (No Lube) |               |
|--------|------------|---------------|-------------|---------------------------|---------------|
|        |            | Part No.      | Description | Part No.                  | Description   |
| 203    | 1/2        | <b>124600</b> | LF-SC-008   | <b>124620</b>             | LF-SC-008-NL  |
|        | 5/8        | <b>124601</b> | LF-SC-010   | <b>124621</b>             | LF-SC-010-NL  |
|        | 17 mm      | <b>050895</b> | LF-SC-17M   |                           | LF-SC-17M-NL  |
| 204    | 3/4        | <b>124602</b> | LF-SC-012   | <b>124622</b>             | LF-SC-012-NL  |
|        | 20 mm      | <b>124934</b> | LF-SC-20M   | <b>125384</b>             | LF-SC-20M-NL  |
| 205    | 7/8        | <b>124603</b> | LF-SC-014   | <b>124623</b>             | LF-SC-014-NL  |
|        | 15/16      | <b>124604</b> | LF-SC-015   | <b>124624</b>             | LF-SC-015-NL  |
|        | 1          | <b>124605</b> | LF-SC-100   | <b>124625</b>             | LF-SC-100-NL  |
|        | 25 mm      | @             | LF-SC-25M   | @                         | LF-SC-25M-NL  |
| 206    | 1-1/16     | <b>124606</b> | LF-SC-101   | <b>124626</b>             | LF-SC-101-NL  |
|        | 1-1/8      | <b>124607</b> | LF-SC-102   | <b>124627</b>             | LF-SC-102-NL  |
|        | 1-3/16     | <b>124608</b> | LF-SC-103   | <b>124628</b>             | LF-SC-103-NL  |
|        | 1-1/4      | <b>124609</b> | LF-SC-104S  | <b>124629</b>             | LF-SC-104S-NL |
|        | 30 mm      | @             | LF-SC-30M   | @                         | LF-SC-30M-NL  |
| 207    | 1-1/4      | <b>124610</b> | LF-SC-104   | <b>124630</b>             | LF-SC-104-NL  |
|        | 1-5/16     | <b>124611</b> | LF-SC-105   | <b>124631</b>             | LF-SC-105-NL  |
|        | 1-3/8      | <b>124612</b> | LF-SC-106   | <b>124632</b>             | LF-SC-106-NL  |
|        | 1-7/16     | <b>124613</b> | LF-SC-107   | <b>124633</b>             | LF-SC-107-NL  |
|        | 35 mm      | @             | LF-SC-35M   | @                         | LF-SC-35M-NL  |

@ Assembled to order.

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC LF NORMAL DUTY 3-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight<br>lbs<br>kg | A       | B       | C       | D       | G     | H     | J     | L       | M       | N       |
|--------|------------|---------------------|---------|---------|---------|---------|-------|-------|-------|---------|---------|---------|
| 203    | 1/2        | 0.65                | 1       | 3-3/16  | 1-3/64  | 2-1/2   | 9/32  | 3/8   | 21/64 | 31/32   | 1-19/32 | 1-27/32 |
|        | 5/8        | 0.60                |         |         |         |         |       |       |       |         |         |         |
|        | 17 mm      | 0.29                | 25.4    | 81.0    | 27.0    | 63.5    | 7.5   | 9.5   | 8.7   | 24.6    | 40.5    | 46.8    |
| 204    | 3/4        | 0.85                | 1-5/32  | 3-9/16  | 1-7/32  | 2-13/16 | 23/64 | 27/64 | 3/8   | 1-1/8   | 1-25/32 | 1-37/64 |
|        | 20 mm      | 0.38                | 29.4    | 90.5    | 31.0    | 71.4    | 9.1   | 10.7  | 9.5   | 28.6    | 45.2    | 40.1    |
| 205    | 7/8        | 1.10                | 1-3/16  | 3-3/4   | 1-1/4   | 3       | 11/32 | 27/64 | 3/8   | 1-21/64 | 1-7/8   | 1-45/64 |
|        | 15/16      | 1.05                |         |         |         |         |       |       |       |         |         |         |
|        | 1          | 1.00                |         |         |         |         |       |       |       |         |         |         |
| 206    | 25 mm      | 0.47                | 30.2    | 95.3    | 31.8    | 76.2    | 8.7   | 10.7  | 10.3  | 33.7    | 47.6    | 43.3    |
|        | 1-1/16     | 1.65                | 1-25/64 | 4-7/16  | 1-15/32 | 3-9/16  | 13/32 | 15/32 | 15/32 | 1-37/64 | 2-7/32  | 2-1/64  |
|        | 1-1/8      | 1.60                |         |         |         |         |       |       |       |         |         |         |
|        | 1-3/16     | 1.55                |         |         |         |         |       |       |       |         |         |         |
|        | 1 -/4      | 1.50                |         |         |         |         |       |       |       |         |         |         |
| 207    | 30 mm      | 0.70                | 35.3    | 112.7   | 37.3    | 90.5    | 10.3  | 11.9  | 13.5  | 40.1    | 56.4    | 51.2    |
|        | 1-1/4      | 2.10                | 1-17/32 | 4-13/16 | 1-19/32 | 3-15/16 | 13/32 | 1/2   | 17/32 | 1-27/32 | 2-13/32 | 2-9/64  |
|        | 1-5/16     | 2.05                |         |         |         |         |       |       |       |         |         |         |
|        | 1-3/8      | 2.00                |         |         |         |         |       |       |       |         |         |         |
|        | 1-7/16     | 1.95                |         |         |         |         |       |       |       |         |         |         |
| 207    | 35 mm      | 0.90                | 38.9    | 122.2   | 40.5    | 100.0   | 10.3  | 12.7  | 13.5  | 46.8    | 61.1    | 54.4    |

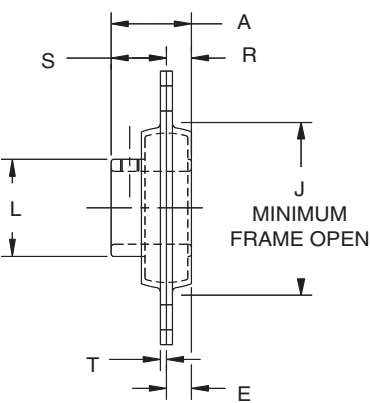
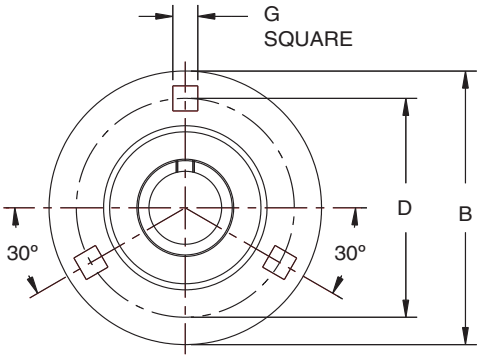
\* No lube fitting required in the SC LFT No Lube

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SL LIGHT DUTY 3-BOLT FLANGE BEARINGS



| Series | Shaft Size                       | Part No.                                             | Description                                           |
|--------|----------------------------------|------------------------------------------------------|-------------------------------------------------------|
| 204    | 3/4<br>20mm                      | <b>128083</b><br>@                                   | F3B-SL-012<br>F3B-SL-20M                              |
| 205    | 7/8<br>15/16<br>1<br>25mm        | <b>128178</b><br><b>128179</b><br><b>128084</b><br>@ | F3B-SL-014<br>F3B-SL-015<br>F3B-SL-100<br>F3B-SL-25M  |
| 206    | 1-1/8<br>1-3/16<br>1-1/4<br>30mm | <b>128180</b><br><b>128085</b><br><b>128082</b><br>@ | F3B-SL-102<br>F3B-SL-103<br>F3B-SL-104S<br>F3B-SL-30M |
| 207    | 1-1/4<br>1-3/8<br>1-7/16<br>35mm | <b>128086</b><br><b>128181</b><br><b>128087</b><br>@ | F3B-SL-104<br>F3B-SL-106<br>F3B-SL-107<br>F3B-SL-35M  |

@ Assembled to order.

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SL LIGHT DUTY 3-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight<br>lbs.<br>kg | A       | B       | D       | E     | G*    | J       | L       | R     | S      | T     | Housing<br>Radial<br>Load<br>Rating<br>(lbs)<br>N |
|--------|------------|----------------------|---------|---------|---------|-------|-------|---------|---------|-------|--------|-------|---------------------------------------------------|
| 204    | 3/4        | 0.74                 | 1-1/16  | 3-9/16  | 2-13/16 | 5/16  | 11/32 | 2-3/16  | 1-1/8   | 21/64 | 47/64  | 0.083 | 700                                               |
|        | 20mm       | 0.33                 | 27.0    | 90.5    | 71.4    | 7.9   | 8.7   | 55.6    | 90.5    | 71.4  | 7.9    | 2.1   | 3,112                                             |
| 205    | 7/8        | 1.01                 | 1-3/32  | 3-3/4   | 3       | 11/32 | 11/32 | 2-3/8   | 1-21/64 | 21/64 | 49/64  | 0.083 | 800                                               |
|        | 15/16      | 0.97                 |         |         |         |       |       |         |         |       |        |       |                                                   |
|        | 1          | 0.85                 |         |         |         |       |       |         |         |       |        |       |                                                   |
|        | 25mm       | 0.43                 | 27.8    | 95.3    | 76.2    | 8.7   | 8.7   | 60.3    | 33.7    | 8.3   | 19.4   | 2.1   | 3,557                                             |
| 206    | 1-1/8      | 1.39                 | 1-19/64 | 4-7/16  | 3-9/16  | 11/32 | 13/32 | 2-13/16 | 1-37/64 | 25/64 | 29/32  | 0.104 | 1,100                                             |
|        | 1-3/16     | 1.36                 |         |         |         |       |       |         |         |       |        |       |                                                   |
|        | 1-1/4      | 1.34                 |         |         |         |       |       |         |         |       |        |       |                                                   |
|        | 30mm       | 0.61                 | 32.9    | 112.7   | 90.5    | 8.7   | 10.3  | 71.4    | 40.1    | 9.9   | 23.0   | 2.6   | 4,891                                             |
| 207    | 1-1/4      | 1.89                 | 1-7/16  | 4-15/16 | 3-15/16 | 7/16  | 13/32 | 3-3/16  | 1-27/32 | 13/32 | 1-1/32 | 0.104 | 1,400                                             |
|        | 1-3/8      | 1.86                 |         |         |         |       |       |         |         |       |        |       |                                                   |
|        | 1-7/16     | 1.73                 |         |         |         |       |       |         |         |       |        |       |                                                   |
|        | 35mm       | 0.83                 | 36.5    | 125.4   | 100.1   | 11.1  | 10.3  | 81.0    | 46.8    | 10.3  | 26.2   | 2.6   | 6,225                                             |

\* Mounting bolt holes will accept either carriage or machine bolts.

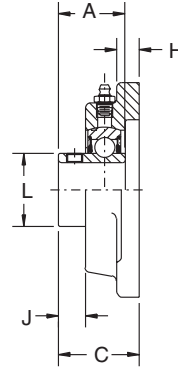
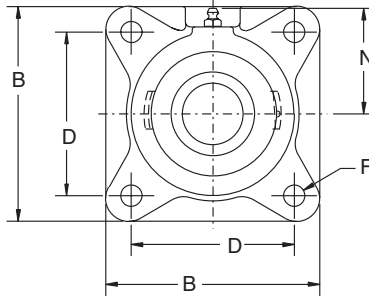
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY 4-BOLT FLANGE BEARINGS

**Lube Fitting Thread Size:**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



| Series | Shaft Size | Standard      |             | No-Lube/Sealed for Life (-NL) |                | With Flingers |                |
|--------|------------|---------------|-------------|-------------------------------|----------------|---------------|----------------|
|        |            | Part No.      | Description | Part No.                      | Description    | Part No.      | Description    |
| 203    | 1/2        | <b>124048</b> | F4B-SC-008  | @                             | F4B-SC-008-NL  | @             | F4B-SC-008-FF  |
|        | 5/8        | <b>124049</b> | F4B-SC-010  | @                             | F4B-SC-010-NL  | @             | F4B-SC-010-FF  |
|        | 17mm       | <b>125885</b> | F4B-SC-17M  | @                             | F4B-SC-17M-NL  | @             | F4B-SC-17M-FF  |
| 204    | 1/2        | <b>124098</b> | F4B-SC-008L | @                             | F4B-SC-008L-NL | @             | F4B-SC-008L-FF |
|        | 5/8        | <b>124099</b> | F4B-SC-010L | @                             | F4B-SC-010L-NL | <b>054528</b> | F4B-SC-010L-FF |
|        | 3/4        | <b>124100</b> | F4B-SC-012  | <b>052010</b>                 | F4B-SC-012-NL  | <b>050917</b> | F4B-SC-012-FF  |
|        | 13/16      | <b>124567</b> | F4B-SC-013  | @                             | F4B-SC-013-NL  | @             | F4B-SC-013-FF  |
|        | 20mm       | <b>125886</b> | F4B-SC-20M  | @                             | F4B-SC-20M-NL  | @             | F4B-SC-20M-FF  |
| 205    | 7/8        | <b>124101</b> | F4B-SC-014  | @                             | F4B-SC-014-NL  | @             | F4B-SC-014-FF  |
|        | 15/16      | <b>124102</b> | F4B-SC-015  | <b>126524</b>                 | F4B-SC-015-NL  | @             | F4B-SC-015-FF  |
|        | 1          | <b>124103</b> | F4B-SC-100  | <b>126525</b>                 | F4B-SC-100-NL  | <b>123007</b> | F4B-SC-100-FF  |
|        | 25mm       | <b>125887</b> | F4B-SC-25M  | @                             | F4B-SC-25M-NL  | @             | F4B-SC-25M-FF  |
| 206    | 1-1/16     | <b>124218</b> | F4B-SC-101  | @                             | F4B-SC-101-NL  | @             | F4B-SC-101-FF  |
|        | 1-1/8      | <b>124204</b> | F4B-SC-102  | <b>126526</b>                 | F4B-SC-102-NL  | <b>125156</b> | F4B-SC-102-FF  |
|        | 1-3/16     | <b>124205</b> | F4B-SC-103  | <b>050834</b>                 | F4B-SC-103-NL  | <b>125148</b> | F4B-SC-103-FF  |
|        | 1-1/4      | <b>123173</b> | F4B-SC-104S | <b>051987</b>                 | F4B-SC-104S-NL | @             | F4B-SC-104S-FF |
|        | 30mm       | <b>125888</b> | F4B-SC-30M  | @                             | F4B-SC-30M-NL  | @             | F4B-SC-30M-FF  |
| 207    | 1-1/4      | <b>124206</b> | F4B-SC-104  | <b>126528</b>                 | F4B-SC-104-NL  | <b>052508</b> | F4B-SC-104-FF  |
|        | 1-5/16     | <b>124219</b> | F4B-SC-105  | @                             | F4B-SC-105-NL  | @             | F4B-SC-105-FF  |
|        | 1-3/8      | <b>124207</b> | F4B-SC-106  | <b>052009</b>                 | F4B-SC-106-NL  | <b>056757</b> | F4B-SC-106-FF  |
|        | 1-7/16     | <b>124208</b> | F4B-SC-107  | <b>050835</b>                 | F4B-SC-107-NL  | <b>057696</b> | F4B-SC-107-FF  |
|        | 35mm       | <b>125889</b> | F4B-SC-35M  | @                             | F4B-SC-35M-NL  | @             | F4B-SC-35M-FF  |

@ Assembled to order

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight lbs. kgs. | A       | B     | C       | D     | F Bolt Dia. | H    | J     | L       | N       |
|--------|------------|------------------|---------|-------|---------|-------|-------------|------|-------|---------|---------|
| 203    | 1/2        | 1.1              | 1       | 3     | 1-3/16  | 2-1/8 | 3/8         | 7/16 | 11/32 | 31/32   | 1-11/16 |
|        | 5/8        | 1.0              |         |       |         |       |             |      |       |         |         |
|        | 17mm       | 0.5              | 25.4    | 76.2  | 30.2    | 54.0  | M10         | 11.1 | 8.7   | 24.6    | 42.9    |
| 204    | 1/2        | 1.8              | 1-5/32  | 3-3/8 | 1-3/8   | 2-1/2 | 3/8         | 7/16 | 25/64 | 1-1/8   | 1-15/16 |
|        | 5/8        | 1.7              |         |       |         |       |             |      |       |         |         |
|        | 3/4        | 1.6              |         |       |         |       |             |      |       |         |         |
|        | 13/16      | 1.5              |         |       |         |       |             |      |       |         |         |
|        | 20mm       | 0.8              | 29.4    | 85.7  | 34.9    | 63.5  | M10         | 11.1 | 9.9   | 28.6    | 49.2    |
| 205    | 7/8        | 2.0              | 1-3/16  | 3-3/4 | 1-23/64 | 2-3/4 | 7/16        | 1/2  | 25/64 | 1-21/64 | 2-1/16  |
|        | 15/16      | 1.9              |         |       |         |       |             |      |       |         |         |
|        | 1          | 1.8              |         |       |         |       |             |      |       |         |         |
|        | 25mm       | 0.9              | 30.2    | 95.3  | 34.5    | 69.9  | M10         | 12.7 | 9.9   | 33.7    | 52.4    |
| 206    | 1-1/16     | 2.9              | 1-25/64 | 4-1/4 | 1-17/32 | 3-1/4 | 7/16        | 1/2  | 15/32 | 1-37/64 | 2-3/16  |
|        | 1-1/8      | 2.8              |         |       |         |       |             |      |       |         |         |
|        | 1-3/16     | 2.7              |         |       |         |       |             |      |       |         |         |
|        | 1-1/4      | 2.6              |         |       |         |       |             |      |       |         |         |
|        | 30mm       | 1.3              | 35.3    | 108.0 | 38.9    | 82.6  | M10         | 12.7 | 11.9  | 40.1    | 55.6    |
| 207    | 1-1/4      | 4.0              | 1-17/32 | 4-3/4 | 1-3/4   | 3-5/8 | 1/2         | 9/16 | 17/32 | 1-27/32 | 2-7/16  |
|        | 1-5/16     | 3.9              |         |       |         |       |             |      |       |         |         |
|        | 1-3/8      | 3.8              |         |       |         |       |             |      |       |         |         |
|        | 1-7/16     | 3.7              |         |       |         |       |             |      |       |         |         |
|        | 35mm       | 1.7              | 38.9    | 120.7 | 44.5    | 92.1  | M12         | 14.3 | 13.5  | 46.8    | 61.9    |

|                                |                           |                        |                                         |
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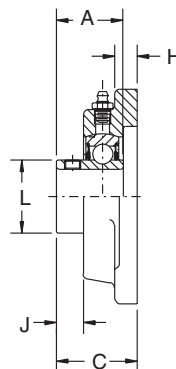
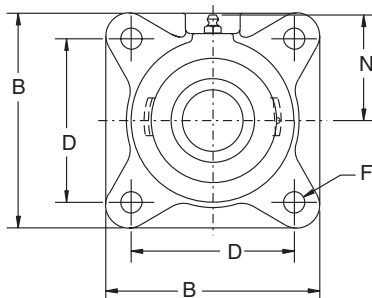


# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY 4-BOLT FLANGE BEARINGS

**Lube Fitting Thread Size:**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



| Series | Shaft Size | Standard      |             | No-Lube/Sealed for Life (-NL) |                | With Flingers |                |
|--------|------------|---------------|-------------|-------------------------------|----------------|---------------|----------------|
|        |            | Part No.      | Description | Part No.                      | Description    | Part No.      | Description    |
| 208    | 1-1/2      | <b>124209</b> | F4B-SC-108  | <b>051991</b>                 | F4B-SC-108-NL  | <b>054523</b> | F4B-SC-108-FF  |
|        | 1-5/8      | <b>124210</b> | F4B-SC-110  | <b>052008</b>                 | F4B-SC-110-NL  | @             | F4B-SC-110-FF  |
|        | 40mm       | <b>125890</b> | F4B-SC-40M  | @                             | F4B-SC-40M-NL  | @             | F4B-SC-40M-FF  |
| 209    | 1-5/8      | <b>125170</b> | F4B-SC-110L | @                             | F4B-SC-110L-NL | @             | F4B-SC-110L-FF |
|        | 1-11/16    | <b>124211</b> | F4B-SC-111  | <b>064214</b>                 | F4B-SC-111-NL  | <b>057850</b> | F4B-SC-111-FF  |
|        | 1-3/4      | <b>124212</b> | F4B-SC-112  | <b>126531</b>                 | F4B-SC-112-NL  | <b>054839</b> | F4B-SC-112-FF  |
|        | 45mm       | <b>125891</b> | F4B-SC-45M  | @                             | F4B-SC-45M-NL  | @             | F4B-SC-45M-FF  |
| 210    | 1-15/16    | <b>124213</b> | F4B-SC-115  | <b>051992</b>                 | F4B-SC-115-NL  | <b>124564</b> | F4B-SC-115-FF  |
|        | 2          | <b>124214</b> | F4B-SC-200  | <b>050867</b>                 | F4B-SC-200-NL  | <b>050169</b> | F4B-SC-200-FF  |
|        | 50mm       | <b>125892</b> | F4B-SC-50M  | @                             | F4B-SC-50M-NL  | @             | F4B-SC-50M-FF  |
| 211    | 2          | <b>126192</b> | F4B-SCM-200 | <b>052004</b>                 | F4B-SCM-200-NL | <b>126132</b> | F4B-SCM-200-FF |
|        | 2-3/16     | <b>124215</b> | F4B-SC-203  | <b>052007</b>                 | F4B-SC-203-NL  | <b>124921</b> | F4B-SC-203-FF  |
|        | 2-1/4      | <b>124216</b> | F4B-SC-204  | <b>052006</b>                 | F4B-SC-204-NL  | @             | F4B-SC-204-FF  |
|        | 55mm       | <b>125893</b> | F4B-SC-55M  | @                             | F4B-SC-55M-NL  | @             | F4B-SC-55M-FF  |
| 212    | 2-1/4      | <b>126283</b> | F4B-SCM-204 | <b>126537</b>                 | F4B-SCM-204-NL | <b>054482</b> | F4B-SCM-204-FF |
|        | 2-7/16     | <b>124217</b> | F4B-SC-207  | <b>050843</b>                 | F4B-SC-207-NL  | <b>124728</b> | F4B-SC-207-FF  |
|        | 60mm       | <b>125894</b> | F4B-SC-60M  | @                             | F4B-SC-60M-NL  | @             | F4B-SC-60M-FF  |
| 214    | 2-1/2      | <b>126195</b> | F4B-SCM-208 | @                             | F4B-SCM-208-NL | <b>126326</b> | F4B-SCM-208-FF |
|        | 2-11/16    | <b>124261</b> | F4B-SC-211  | @                             | F4B-SC-211-NL  | <b>064453</b> | F4B-SC-211-FF  |
|        | 70mm       | <b>125895</b> | F4B-SC-70M  | @                             | F4B-SC-70M-NL  | @             | F4B-SC-70M-FF  |
| 215    | 2-15/16    | <b>124220</b> | F4B-SC-215  | <b>052291</b>                 | F4B-SC-215-NL  | @             | F4B-SC-215-FF  |
|        | 75mm       | <b>125896</b> | F4B-SC-75M  | @                             | F4B-SC-75M-NL  | @             | F4B-SC-75M-FF  |

@ Assembled to order

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## Setscrew Ball Bearings SC NORMAL DUTY 4-BOLT FLANGE BEARINGS

| Series | Shaft Size | Weight<br>lbs. kgs. | A       | B     | C       | D     | F<br>Bolt Dia. | H     | J     | L       | N       |
|--------|------------|---------------------|---------|-------|---------|-------|----------------|-------|-------|---------|---------|
| 208    | 1-1/2      | 4.8                 | 1-11/16 | 5-1/8 | 1-7/8   | 4     | 1/2            | 9/16  | 17/32 | 2-3/64  | 2-3/8   |
|        | 1-5/8      | 4.7                 |         |       |         |       |                |       |       |         |         |
|        | 40mm       | 2.1                 | 42.9    | 130.2 | 47.6    | 101.6 | M12            | 14.3  | 13.5  | 52.0    | 60.3    |
| 209    | 1-5/8      | 6.1                 | 1-23/32 | 5-3/8 | 1-15/16 | 4-1/8 | 1/2            | 5/8   | 17/32 | 2-7/32  | 2-3/4   |
|        | 1-11/16    | 6.0                 |         |       |         |       |                |       |       |         |         |
|        | 1-3/4      | 5.9                 |         |       |         |       |                |       |       |         |         |
|        | 45mm       | 2.7                 | 43.7    | 136.5 | 49.2    | 104.8 | M14            | 15.9  | 13.5  | 56.4    | 69.9    |
| 210    | 1-15/16    | 6.7                 | 1-3/4   | 5-5/8 | 2       | 4-3/8 | 1/2            | 5/8   | 17/32 | 2-7/16  | 2-7/8   |
|        | 2          | 6.6                 |         |       |         |       |                |       |       |         |         |
|        | 50mm       | 3.0                 | 44.5    | 142.9 | 50.8    | 111.1 | M16            | 15.9  | 13.5  | 61.9    | 73.0    |
| 211    | 2          | 9.3                 | 1-27/32 | 6-1/2 | 2-5/32  | 5-1/8 | 5/8            | 11/16 | 9/16  | 2-23/32 | 3-1/4   |
|        | 2-3/16     | 9.0                 |         |       |         |       |                |       |       |         |         |
|        | 2-1/4      | 8.9                 |         |       |         |       |                |       |       |         |         |
|        | 55mm       | 4.1                 | 46.8    | 165.1 | 54.8    | 130.2 | M16            | 17.5  | 14.3  | 69.1    | 82.6    |
| 212    | 2-1/4      | 11.1                | 1-63/64 | 6-7/8 | 2-9/32  | 5-5/8 | 5/8            | 11/16 | 9/16  | 2-31/32 | 3-1/2   |
|        | 2-7/16     | 10.6                |         |       |         |       |                |       |       |         |         |
|        | 60mm       | 6.0                 | 50.4    | 174.6 | 57.9    | 142.9 | M16            | 17.5  | 14.3  | 75.4    | 88.9    |
| 214    | 2-1/2      | 16.0                | 2-15/64 | 7-3/8 | 2-3/4   | 5-7/8 | 5/8            | 11/16 | 9/16  | 3-5/16  | 3-11/16 |
|        | 2-11/16    | 15.4                |         |       |         |       |                |       |       |         |         |
|        | 70mm       | 6.9                 | 56.8    | 187.3 | 69.9    | 149.2 | M16            | 17.5  | 14.3  | 84.1    | 93.7    |
| 215    | 2-15/16    | 17.6                | 2-9/32  | 7-3/4 | 2-57/64 | 6     | 3/4            | 1     | 41/64 | 3-5/8   | 3-7/8   |
|        | 75mm       | 8.0                 | 57.9    | 196.9 | 73.4    | 152.4 | M18            | 25.4  | 16.3  | 92.1    | 98.4    |

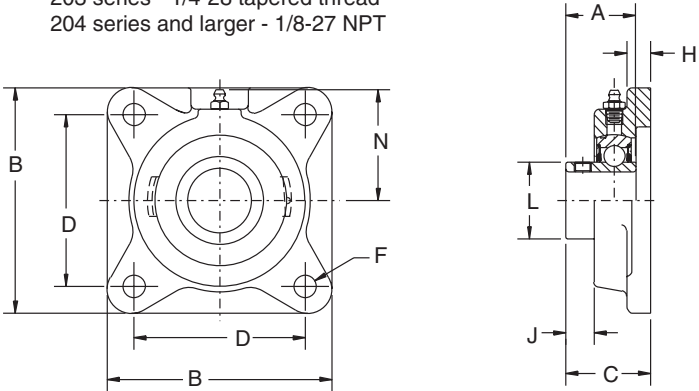
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCAH NORMAL DUTY AIR HANDLING 4-BOLT FLANGE BEARINGS

**Lube Fitting Thread Size:**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



| Series | Shaft Size | Part No.      | Description   |
|--------|------------|---------------|---------------|
| 204    | 1/2        | <b>051931</b> | F4B-SCAH-008L |
|        | 5/8        | <b>050130</b> | F4B-SCAH-010L |
|        | 3/4        | <b>123740</b> | F4B-SCAH-012  |
|        | 20mm       | @             | F4B-SCAH-20M  |
| 205    | 7/8        | @             | F4B-SCAH-014  |
|        | 15/16      | <b>124246</b> | F4B-SCAH-015  |
|        | 1          | <b>123741</b> | F4B-SCAH-100  |
|        | 25mm       | <b>058736</b> | F4B-SCAH-25M  |
| 206    | 1-1/16     | @             | F4B-SCAH-101  |
|        | 1-1/8      | <b>064335</b> | F4B-SCAH-102  |
|        | 1-3/16     | <b>123742</b> | F4B-SCAH-103  |
|        | 1-1/4      | @             | F4B-SCAH-104S |
| 207    | 30mm       | <b>054726</b> | F4B-SCAH-30M  |
|        | 1-1/4      | <b>123743</b> | F4B-SCAH-104  |
|        | 1-5/16     | @             | F4B-SCAH-105  |
|        | 1-3/8      | @             | F4B-SCAH-106  |
| 208    | 1-7/16     | <b>123744</b> | F4B-SCAH-107  |
|        | 35mm       | @             | F4B-SCAH-35M  |
|        | 1-1/2      | <b>123745</b> | F4B-SCAH-108  |
|        | 1-5/8      | @             | F4B-SCAH-110  |
|        | 40mm       | @             | F4B-SCAH-40M  |

@ Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SCAH NORMAL DUTY AIR HANDLING 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight lbs. kgs | A       | B     | C       | D     | F Bolt Dia. | H    | J     | L       | N       |
|--------|------------|-----------------|---------|-------|---------|-------|-------------|------|-------|---------|---------|
| 204    | 1/2        | 1.8             | 1-5/32  | 3-3/8 | 1-3/8   | 2-1/2 | 3/8         | 7/16 | 25/64 | 1-1/8   | 1-15/16 |
|        | 5/8        | 1.7             |         |       |         |       |             |      |       |         |         |
|        | 3/4        | 1.6             |         |       |         |       |             |      |       |         |         |
|        | 20mm       | 0.8             | 29.4    | 85.7  | 34.9    | 63.5  | M10         | 11.1 | 9.9   | 28.6    | 49.2    |
| 205    | 7/8        | 2.0             | 1-3/16  | 3-3/4 | 1-23/64 | 2-3/4 | 7/16        | 1/2  | 25/64 | 1-21/64 | 2-1/6   |
|        | 15/16      | 1.9             |         |       |         |       |             |      |       |         |         |
|        | 1          | 1.8             |         |       |         |       |             |      |       |         |         |
|        | 25mm       | 0.9             | 30.2    | 95.3  | 34.5    | 69.9  | M110        | 12.7 | 9.9   | 33.7    | 52.4    |
| 206    | 1-1/16     | 2.9             | 1-25/64 | 4-1/4 | 1-17/32 | 3-1/4 | 7/16        | 1/2  | 15/32 | 1-37/64 | 2-3/16  |
|        | 1-1/8      | 2.8             |         |       |         |       |             |      |       |         |         |
|        | 1-3/16     | 2.7             |         |       |         |       |             |      |       |         |         |
|        | 1-1/4      | 2.6             |         |       |         |       |             |      |       |         |         |
|        | 30mm       | 1.3             | 35.3    | 108.0 | 38.9    | 82.6  | M10         | 12.7 | 11.9  | 40.1    | 55.6    |
| 207    | 1-1/4      | 4.0             | 1-17/32 | 4-3/4 | 1-3/4   | 3-5/8 | 1/2         | 9/16 | 17/32 | 1-27/32 | 2-7/16  |
|        | 1-5/16     | 3.9             |         |       |         |       |             |      |       |         |         |
|        | 1-3/8      | 3.8             |         |       |         |       |             |      |       |         |         |
|        | 1-7/16     | 3.7             |         |       |         |       |             |      |       |         |         |
|        | 35mm       | 1.7             | 38.9    | 120.7 | 44.5    | 92.1  | M12         | 14.3 | 13.5  | 46.8    | 61.9    |
| 208    | 1-1/2      | 4.8             | 1-11/16 | 5-1/8 | 1-7/8   | 4     | 1/2         | 9/16 | 17/32 | 2-3/64  | 2-3/8   |
|        | 1-5/8      | 4.7             |         |       |         |       |             |      |       |         |         |
|        | 40mm       | 2.1             | 42.9    | 130.2 | 47.6    | 101.6 | M12         | 14.3 | 13.5  | 52.0    | 60.3    |

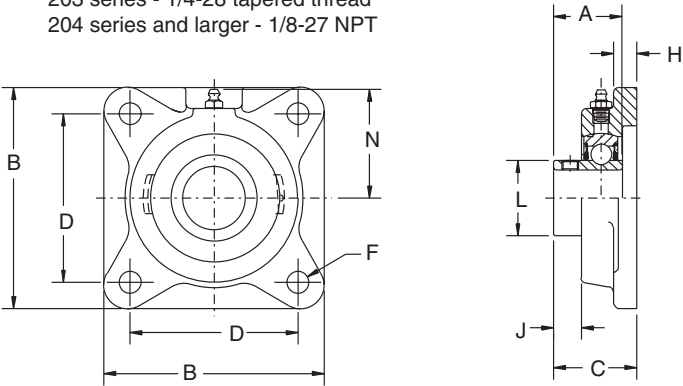
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCAH NORMAL DUTY AIR HANDLING 4-BOLT FLANGE BEARINGS

**Lube Fitting Thread Size:**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



| Series | Shaft Size | Part No.      | Description   |
|--------|------------|---------------|---------------|
| 209    | 1-5/8      | @             | F4B-SCAH-110L |
|        | 1-11/16    | <b>123746</b> | F4B-SCAH-111  |
|        | 1-3/4      | <b>123747</b> | F4B-SCAH-112  |
|        | 45mm       | @             | F4B-SCAH-45M  |
| 210    | 1-15/16    | <b>123748</b> | F4B-SCAH-115  |
|        | 2          | @             | F4B-SCAH-200  |
|        | 50mm       | @             | F4B-SCAH-50M  |
| 211    | 2          | @             | F4B-SCMAH-200 |
|        | 2-3/16     | <b>123749</b> | F4B-SCAH-203  |
|        | 2-1/4      | @             | F4B-SCAH-204  |
|        | 55mm       | @             | F4B-SCAH-55M  |
| 212    | 2-1/4      | @             | F4B-SCMAH-204 |
|        | 2-7/16     | <b>123750</b> | F4B-SCAH-207  |
|        | 60mm       | @             | F4B-SCAH-60M  |
| 214    | 2-1/2      | <b>050662</b> | F4B-SCMAH-208 |
|        | 2-11/16    | <b>124395</b> | F4B-SCAH-211  |
|        | 70mm       | @             | F4B-SCAH-70M  |
| 215    | 2-15/16    | <b>123751</b> | F4B-SCAH-215  |
|        | 75mm       | @             | F4B-SCAH-75M  |

@ Assembled to order

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SCAH NORMAL DUTY AIR HANDLING 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight lbs. kgs | A       | B     | C       | D     | F Bolt Dia. | H     | J     | L       | N       |
|--------|------------|-----------------|---------|-------|---------|-------|-------------|-------|-------|---------|---------|
| 209    | 1-5/8      | 6.1             | 1-23/32 | 5-3/8 | 1-15/16 | 4-1/8 | 1/2         | 5/8   | 17/32 | 2-7/32  | 2-3/4   |
|        | 1-11/16    | 6.0             |         |       |         |       |             |       |       |         |         |
|        | 1-3/4      | 5.9             |         |       |         |       |             |       |       |         |         |
|        | 45mm       | 2.7             | 43.7    | 136.5 | 49.2    | 104.8 | M14         | 15.9  | 13.5  | 56.4    | 69.9    |
| 210    | 1-15/16    | 6.7             | 1-3/4   | 5-5/8 | 2       | 4-3/8 | 1/2         | 5/8   | 17/32 | 2-7/16  | 2-7/8   |
|        | 2          | 6.6             |         |       |         |       |             |       |       |         |         |
|        | 50mm       | 3.0             | 44.5    | 142.9 | 50.8    | 111.1 | M16         | 15.9  | 13.5  | 61.9    | 73.0    |
| 211    | 2          | 9.3             | 1-27/32 | 6-1/2 | 2-5/32  | 5-1/8 | 5/8         | 11/16 | 9/16  | 2-23/32 | 3-1/4   |
|        | 2-3/16     | 9.0             |         |       |         |       |             |       |       |         |         |
|        | 2-1/4      | 8.9             |         |       |         |       |             |       |       |         |         |
|        | 55mm       | 4.1             | 46.8    | 165.1 | 54.8    | 130.2 | M16         | 17.5  | 14.3  | 69.1    | 82.6    |
| 212    | 2-1/4      | 11.1            | 1-63/64 | 6-7/8 | 2-9/32  | 5-5/8 | 5/8         | 11/16 | 9/16  | 2-31/32 | 3-1/2   |
|        | 2-7/16     | 10.6            |         |       |         |       |             |       |       |         |         |
|        | 60mm       | 6.0             | 50.4    | 174.6 | 57.9    | 142.9 | M16         | 7.5   | 14.3  | 75.4    | 88.9    |
| 214    | 2-1/2      | 16.0            | 2-15/64 | 7-3/8 | 2-3/4   | 5-7/8 | 5/8         | 11/16 | 9/16  | 3-5/16  | 3-11/16 |
|        | 2-11/16    | 15.4            |         |       |         |       |             |       |       |         |         |
|        | 70mm       | 6.9             | 56.8    | 187.3 | 69.9    | 149.2 | M16         | 17.5  | 14.3  | 84.1    | 93.7    |
| 215    | 2-15/16    | 17.6            | 2-9/32  | 7-3/4 | 2-57/64 | 6     | 3/4         | 1     | 41/64 | 3-5/8   | 3-7/8   |
|        | 75mm       | 8.0             | 57.9    | 196.9 | 73.4    | 152.4 | M18         | 25.4  | 16.3  | 92.1    | 98.4    |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS

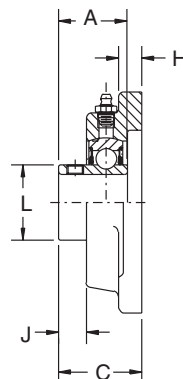
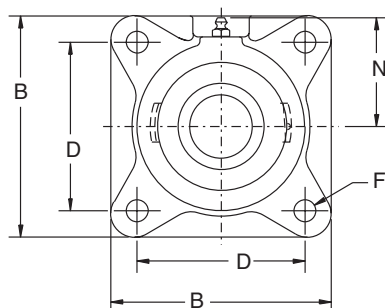


## Setscrew Ball Bearings SCM MEDIUM DUTY 4-BOLT FLANGE BEARINGS

### Lube Fitting Thread Size:

203 series - 1/4-28 tapered thread

204 series and larger - 1/8-27 NPT



| Series | Shaft Size | Standard      |             | No-Lube/Sealed for Life (-NL) |                | With Flingers |                |
|--------|------------|---------------|-------------|-------------------------------|----------------|---------------|----------------|
|        |            | Part No.      | Description | Part No.                      | Description    | Part No.      | Description    |
| 206    | 1          | <b>126226</b> | F4B-SCM-100 | <b>052017</b>                 | F4B-SCM-100-NL | @             | F4B-SCM-100-FF |
|        | 25mm       | <b>125965</b> | F4B-SCM-25M | @                             | F4B-SCM-25M-NL | @             | F4B-SCM-25M-FF |
| 207    | 1-3/16     | <b>126227</b> | F4B-SCM-103 | @                             | F4B-SCM-103-NL | <b>064681</b> | F4B-SCM-103-FF |
|        | 1-1/4      | <b>124206</b> | F4B-SC-104  | <b>126528</b>                 | F4B-SC-104-NL  | <b>052508</b> | F4B-SC-104-FF  |
|        | 30mm       | <b>125966</b> | F4B-SCM-30M | @                             | F4B-SCM-30M-NL | @             | F4B-SCM-30M-FF |
| 208    | 1-7/16     | <b>126187</b> | F4B-SCM-107 | @                             | F4B-SCM-107-NL | <b>053197</b> | F4B-SCM-107-FF |
|        | 35mm       | <b>125967</b> | F4B-SCM-35M | @                             | F4B-SCM-35M-NL | @             | F4B-SCM-35M-FF |
| 209    | 1-1/2      | <b>126188</b> | F4B-SCM-108 | <b>062897</b>                 | F4B-SCM-108-NL | <b>054856</b> | F4B-SCM-108-FF |
|        | 1-5/8      | <b>125170</b> | F4B-SC-110L | @                             | F4B-SC-110L-NL | @             | F4B-SC-110L-FF |
|        | 40mm       | <b>125968</b> | F4B-SCM-40M | @                             | F4B-SCM-40M-NL | @             | F4B-SCM-40M-FF |
| 210    | 1-11/16    | <b>126189</b> | F4B-SCM-111 | @                             | F4B-SCM-111-NL | <b>050137</b> | F4B-SCM-111-FF |
|        | 1-3/4      | <b>126190</b> | F4B-SCM-112 | @                             | F4B-SCM-112-NL | <b>126274</b> | F4B-SCM-112-FF |
|        | 45mm       | <b>125969</b> | F4B-SCM-45M | @                             | F4B-SCM-45M-NL | @             | F4B-SCM-45M-FF |
| 211    | 1-15/16    | <b>126191</b> | F4B-SCM-115 | <b>052302</b>                 | F4B-SCM-115-NL | <b>126115</b> | F4B-SCM-115-FF |
|        | 2          | <b>126192</b> | F4B-SCM-200 | <b>052004</b>                 | F4B-SCM-200-NL | <b>126132</b> | F4B-SCM-200-FF |
|        | 50mm       | <b>125970</b> | F4B-SCM-50M | @                             | F4B-SCM-50M-NL | @             | F4B-SCM-50M-FF |
| 212    | 2-3/16     | <b>126193</b> | F4B-SCM-203 | <b>052003</b>                 | F4B-SCM-203-NL | <b>050276</b> | F4B-SCM-203-FF |
|        | 2-1/4      | <b>126283</b> | F4B-SCM-204 | <b>126537</b>                 | F4B-SCM-204-NL | <b>054482</b> | F4B-SCM-204-FF |
|        | 55mm       | <b>125971</b> | F4B-SCM-55M | @                             | F4B-SCM-55M-NL | @             | F4B-SCM-55M-FF |
| 214    | 2-7/16     | <b>126194</b> | F4B-SCM-207 | <b>052002</b>                 | F4B-SCM-207-NL | <b>126116</b> | F4B-SCM-207-FF |
|        | 2-1/2      | <b>126195</b> | F4B-SCM-208 | @                             | F4B-SCM-208-NL | <b>126326</b> | F4B-SCM-208-FF |
|        | 65mm       | <b>125972</b> | F4B-SCM-65M | @                             | F4B-SCM-65M-NL | @             | F4B-SCM-65M-FF |
| 215    | 2-11/16    | <b>126186</b> | F4B-SCM-211 | @                             | F4B-SCM-211-NL | <b>064715</b> | F4B-SCM-211-FF |
|        | 70mm       | <b>125973</b> | F4B-SCM-70M | @                             | F4B-SCM-70M-NL | @             | F4B-SCM-70M-FF |
| 216    | 2-15/16    | <b>126196</b> | F4B-SCM-215 | <b>126538</b>                 | F4B-SCM-215-NL | <b>051599</b> | F4B-SCM-215-FF |
|        | 3          | <b>126197</b> | F4B-SCM-300 | <b>126539</b>                 | F4B-SCM-300-NL | <b>126781</b> | F4B-SCM-300-FF |
|        | 75mm       | <b>125974</b> | F4B-SCM-75M | @                             | F4B-SCM-75M-NL | @             | F4B-SCM-75M-FF |
| 218    | 3-7/16     | <b>126198</b> | F4B-SCM-307 | <b>126540</b>                 | F4B-SCM-307-NL | <b>126271</b> | F4B-SCM-307-FF |
|        | 3-1/2      | <b>126199</b> | F4B-SCM-308 | <b>126541</b>                 | F4B-SCM-308-NL | <b>056713</b> | F4B-SCM-308-FF |
|        | 85mm       | <b>125975</b> | F4B-SCM-85M | @                             | F4B-SCM-85M-NL | @             | F4B-SCM-85M-FF |

@ Assembled to order

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCM MEDIUM DUTY 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size    | Weight lbs. kgs. | A       | B      | C       | D     | F Bolt Dia. | H     | J     | L       | N       |
|--------|---------------|------------------|---------|--------|---------|-------|-------------|-------|-------|---------|---------|
| 206    | 1             | 3.0              | 1-25/64 | 4-1/4  | 1-17/32 | 3-1/4 | 7/16        | 1/2   | 15/32 | 1-37/64 | 2-3/16  |
|        | 25mm          | 1.3              | 35.3    | 108.0  | 38.9    | 82.6  | M10         | 12.7  | 11.9  | 40.1    | 55.6    |
| 207    | 1-3/16        | 4.1              | 1-17/32 | 4-3/4  | 1-3/4   | 3-5/8 | 1/2         | 9/16  | 17/32 | 1-27/32 | 2-7/16  |
|        | 1-1/4<br>30mm | 4.0<br>1.4       |         |        |         |       |             |       |       |         |         |
| 208    | 1-7/16        | 5.0              | 1-11/16 | 5-1/8  | 1-7/8   | 4     | 1/2         | 9/16  | 17/32 | 2-3/64  | 2-3/8   |
|        | 35mm          | 2.1              | 42.9    | 130.2  | 47.6    | 101.6 | M12         | 14.3  | 13.5  | 52.0    | 60.3    |
| 209    | 1-1/2         | 6.1              | 1-23/32 | 5-3/8  | 1-15/16 | 4-1/8 | 1/2         | 5/8   | 17/32 | 2-7/32  | 2-3/4   |
|        | 1-5/8<br>40mm | 6.1<br>2.7       |         |        |         |       |             |       |       |         |         |
| 210    | 1-11/16       | 7.1              | 1-3/4   | 5-5/8  | 2       | 4-3/8 | 1/2         | 5/8   | 17/32 | 2-7/16  | 2-7/8   |
|        | 1-3/4<br>45mm | 6.9<br>3.0       |         |        |         |       |             |       |       |         |         |
| 211    | 1-15/16       | 9.5              | 1-27/32 | 6-1/2  | 2-5/32  | 5-1/8 | 5/8         | 11/16 | 9/16  | 2-23/32 | 3-1/4   |
|        | 2<br>50mm     | 9.3<br>4.1       |         |        |         |       |             |       |       |         |         |
| 212    | 2-3/16        | 11.3             | 1-63/64 | 6-7/8  | 2-9/32  | 5-5/8 | 5/8         | 11/16 | 9/16  | 2-31/32 | 3-1/2   |
|        | 2-1/4<br>55mm | 11.1<br>6.0      |         |        |         |       |             |       |       |         |         |
| 214    | 2-7/16        | 16.2             | 2-15/64 | 7-3/8  | 2-3/4   | 5-7/8 | 5/8         | 11/16 | 9/16  | 3-5/16  | 3-11/16 |
|        | 2-1/2<br>65mm | 16.0<br>7.3      |         |        |         |       |             |       |       |         |         |
| 215    | 2-11/16       | 18.3             | 2-9/32  | 7-3/4  | 2-57/64 | 6.0   | 3/4         | 1     | 41/64 | 3-5/8   | 3-7/8   |
|        | 70mm          | 8.0              | 57.9    | 196.9  | 73.4    | 152.4 | M18         | 25.4  | 16.3  | 92.1    | 98.4    |
| 216    | 2-15/16       | 21.5             | 2-11/32 | 7-3/4  | 3-3/32  | 6     | 3/4         | 7/8   | 19/32 | 3-53/64 | 4-3/32  |
|        | 3<br>75mm     | 21.2<br>9.4      |         |        |         |       |             |       |       |         |         |
| 218    | 3-7/16        | 28.0             | 2-31/64 | 8-7/16 | 3-11/32 | 6-3/4 | 3/4         | 1     | 9/16  | 4-23/64 | 4-5/8   |
|        | 3-1/2<br>85mm | 27.4<br>12.2     |         |        |         |       |             |       |       |         |         |

|                                |                           |                        |                                         |
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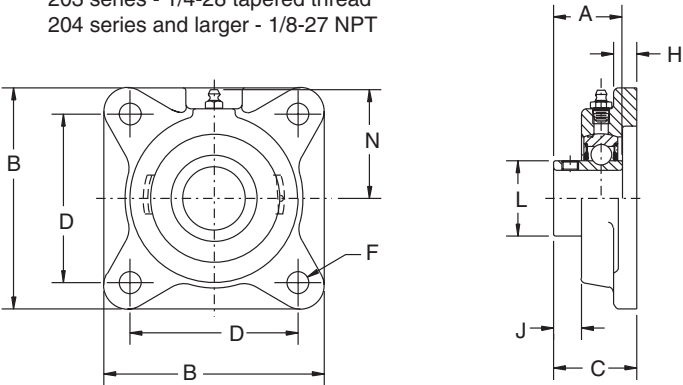


# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCMAH AIR HANDLING MEDIUM DUTY 4-BOLT FLANGE BEARINGS

**Lube Fitting Thread Size:**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



| Series | Shaft Size               | Part No.                            | Description                                     |
|--------|--------------------------|-------------------------------------|-------------------------------------------------|
| 206    | 1<br>25mm                | <b>053901</b><br>@                  | F4B-SCMAH-100<br>F4B-SCMAH-25M                  |
| 207    | 1-3/16<br>1-1/4<br>30mm  | <b>050132</b><br><b>123743</b><br>@ | F4B-SCMAH-103<br>F4B-SCAH-104<br>F4B-SCMAH-30M  |
| 208    | 1-7/16<br>35mm           | <b>123760</b><br>@                  | F4B-SCMAH-107<br>F4B-SCMAH-35M                  |
| 209    | 1-1/2<br>1-5/8<br>40mm   | <b>123761</b><br>@<br>@             | F4B-SCMAH-108<br>F4B-SCAH-110L<br>F4B-SCMAH-40M |
| 210    | 1-11/16<br>1-3/4<br>45mm | <b>123762</b><br><b>123763</b><br>@ | F4B-SCMAH-111<br>F4B-SCMAH-112<br>F4B-SCMAH-45M |
| 211    | 1-15/16<br>2<br>50mm     | <b>123764</b><br>@<br>@             | F4B-SCMAH-115<br>F4B-SCMAH-200<br>F4B-SCMAH-50M |
| 212    | 2-3/16<br>2-1/4<br>55mm  | <b>123765</b><br><b>064586</b><br>@ | F4B-SCMAH-203<br>F4B-SCMAH-204<br>F4B-SCMAH-55M |
| 214    | 2-7/16<br>2-1/2<br>65mm  | <b>123766</b><br><b>050662</b><br>@ | F4B-SCMAH-207<br>F4B-SCMAH-208<br>F4B-SCMAH-65M |
| 215    | 2-11/16<br>70mm          | <b>123767</b><br>@                  | F4B-SCMAH-211<br>F4B-SCMAH-70M                  |
| 216    | 2-15/16<br>3<br>75mm     | <b>123768</b><br>@<br>@             | F4B-SCMAH-215<br>F4B-SCMAH-300<br>F4B-SCM-75M   |
| 218    | 3-7/16<br>3-1/2<br>85mm  | <b>123769</b><br><b>057709</b><br>@ | F4B-SCMAH-307<br>F4B-SCMAH-308<br>F4B-SCMAH-85M |

© Assembled to order

|                                |                           |                        |                                         |
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## Setscrew Ball Bearings

### SCMAH AIR HANDLING MEDIUM DUTY 4-BOLT FLANGE BEARINGS

| Series | Shaft Size    | Weight<br>lbs <i>kgs</i> | A       | B      | C       | D     | F<br>Bolt Dia. | H     | J     | L       | N       |
|--------|---------------|--------------------------|---------|--------|---------|-------|----------------|-------|-------|---------|---------|
| 206    | 1             | 3.0                      | 1-25/64 | 4-1/4  | 1-17/32 | 3-1/4 | 7/16           | 1/2   | 15/32 | 1-37/64 | 2-3/16  |
|        | 25mm          | 1.3                      | 35.3    | 108.0  | 38.9    | 82.6  | M10            | 12.7  | 11.9  | 40.1    | 55.6    |
| 207    | 1-3/16        | 4.1                      | 1-17/32 | 4-3/4  | 1-3/4   | 3-5/8 | 1/2            | 9/16  | 17/32 | 1-27/32 | 2-7/16  |
|        | 1-1/4<br>30mm | 1.7                      | 38.9    | 120.7  | 44.5    | 92.1  | M12            | 14.3  | 13.5  | 46.8    | 61.9    |
| 208    | 1-7/16        | 5.0                      | 1-11/16 | 5-1/8  | 1-7/8   | 4     | 1/2            | 9/16  | 17/32 | 2-3/64  | 2-3/8   |
|        | 35mm          | 2.1                      | 42.9    | 130.2  | 47.6    | 101.6 | M12            | 14.3  | 13.5  | 52.0    | 60.3    |
| 209    | 1-1/2         | 6.1                      | 1-23/32 | 5-3/8  | 1-15/16 | 4-1/8 | 1/2            | 5/8   | 17/32 | 2-7/32  | 2-3/4   |
|        | 1-5/8<br>40mm | 2.7                      | 43.7    | 136.5  | 49.2    | 104.8 | M14            | 15.9  | 13.5  | 56.4    | 69.9    |
| 210    | 1-11/16       | 7.1                      | 1-3/4   | 5-5/8  | 2       | 4-3/8 | 1/2            | 5/8   | 17/32 | 2-7/16  | 2-7/8   |
|        | 1-3/4<br>45mm | 3.0                      | 44.5    | 142.9  | 50.8    | 111.1 | M16            | 15.9  | 13.5  | 61.9    | 73.0    |
| 211    | 1-15/16       | 9.5                      | 1-27/32 | 6-1/2  | 2-5/32  | 5-1/8 | 5/8            | 11/16 | 9/16  | 2-23/32 | 3-1/4   |
|        | 2<br>50mm     | 4.1                      | 46.8    | 165.1  | 54.8    | 130.2 | M16            | 17.5  | 14.3  | 69.1    | 82.6    |
| 212    | 2-3/16        | 11.3                     | 1-63/64 | 6-7/8  | 2-9/32  | 5-5/8 | 5/8            | 11/16 | 9/16  | 2-31/32 | 3-1/2   |
|        | 2-1/4<br>55mm | 6.0                      | 50.4    | 174.6  | 57.9    | 142.9 | M16            | 17.5  | 14.3  | 75.4    | 88.9    |
| 214    | 2-7/16        | 16.2                     | 2-15/64 | 7-3/8  | 2-3/4   | 5-7/8 | 5/8            | 11/16 | 9/16  | 3-5/16  | 3-11/16 |
|        | 2-1/2<br>65mm | 7.3                      | 56.8    | 187.3  | 69.9    | 149.2 | M16            | 17.5  | 14.3  | 84.1    | 93.7    |
| 215    | 2-11/16       | 18.3                     | 2-9/32  | 7-3/4  | 2-57/64 | 6     | 3/4            | 1     | 41/64 | 3-5/8   | 3-7/8   |
|        | 70mm          | 8.0                      | 57.9    | 196.9  | 73.4    | 152.4 | M18            | 25.4  | 16.3  | 92.1    | 98.4    |
| 216    | 2-15/16       | 21.5                     | 2-11/32 | 7-3/4  | 3-3/32  | 6     | 3/4            | 7/8   | 19/32 | 3-53/64 | 4-3/32  |
|        | 3<br>75mm     | 9.4                      | 59.5    | 196.9  | 78.6    | 152.4 | M18            | 22.2  | 15.1  | 97.2    | 104.0   |
| 218    | 3-7/16        | 28.0                     | 2-31/64 | 8-7/16 | 3-11/32 | 6-3/4 | 3/4            | 1     | 9/16  | 4-23/64 | 4-5/8   |
|        | 3-1/2<br>85mm | 12.2                     | 63.1    | 214.3  | 84.9    | 171.5 | M18            | 25.4  | 14.3  | 110.7   | 117.5   |

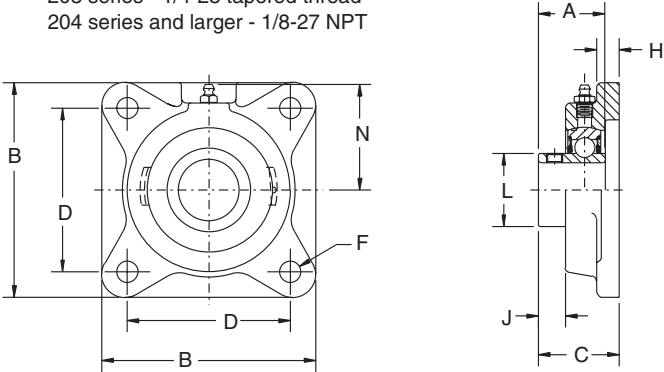
|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings VSC INTERMEDIATE DUTY 4-BOLT FLANGE BEARINGS

**Lube Fitting Thread Size:**  
 203 series - 1/4-28 tapered thread  
 204 series and larger - 1/8-27 NPT



| Series | Shaft Size | Standard      |              | No-Lube/Sealed for Life (-NL) |                 |
|--------|------------|---------------|--------------|-------------------------------|-----------------|
|        |            | Part No.      | Description  | Part No.                      | Description     |
| 203    | 1/2        | <b>125524</b> | F4B-VSC-008  | @                             | F4B-VSC-008-NL  |
|        | 5/8        | <b>125525</b> | F4B-VSC-010  | @                             | F4B-VSC-010-NL  |
|        | 17mm       | <b>125694</b> | F4B-VSC-17M  | @                             | F4B-VSC-17MNL   |
| 204    | 3/4        | <b>123625</b> | F4B-VSC-012  | @                             | F4B-VSC-012-NL  |
|        | 20mm       | <b>125695</b> | F4B-VSC-20M  | @                             | F4B-VSC-20M-NL  |
| 205    | 7/8        | <b>125526</b> | F4B-VSC-014  | @                             | F4B-VSC-014-NL  |
|        | 15/16      | <b>125527</b> | F4B-VSC-015  | @                             | F4B-VSC-015-NL  |
|        | 1          | <b>123626</b> | F4B-VSC-100  | <b>062509</b>                 | F4B-VSC-100-NL  |
|        | 25mm       | <b>125696</b> | F4B-VSC-25M  | @                             | F4B-VSC-25M-NL  |
| 206    | 1-1/8      | <b>125528</b> | F4B-VSC-102  | @                             | F4B-VSC-102-NL  |
|        | 1-3/16     | <b>123627</b> | F4B-VSC-103  | @                             | F4B-VSC-103-NL  |
|        | 1-1/4      | <b>123634</b> | F4B-VSC-104S | @                             | F4B-VSC-104S-NL |
|        | 30mm       | <b>125697</b> | F4B-VSC-30M  | @                             | F4B-VSC-30M-NL  |
| 207    | 1-1/4      | <b>123628</b> | F4B-VSC-104  | <b>051891</b>                 | F4B-VSC-104-NL  |
|        | 1-3/8      | <b>125529</b> | F4B-VSC-106  | @                             | F4B-VSC-106-NL  |
|        | 1-7/16     | <b>123629</b> | F4B-VSC-107  | <b>050844</b>                 | F4B-VSC-107-NL  |
|        | 35mm       | <b>125698</b> | F4B-VSC-40M  | @                             | F4B-VSC-40M-NL  |
| 208    | 1-1/2      | <b>123630</b> | F4B-VSC-108  | <b>051892</b>                 | F4B-VSC-108-NL  |
|        | 40mm       | <b>125699</b> | F4B-VSC-40M  | @                             | F4B-VSC-40M-NL  |
| 209    | 1-11/16    | <b>125530</b> | F4B-VSC-111  | <b>050836</b>                 | F4B-VSC-111-NL  |
|        | 1-3/4      | <b>125531</b> | F4B-VSC-112  | @                             | F4B-VSC-112-NL  |
|        | 45mm       | <b>125700</b> | F4B-VSC-45M  | @                             | F4B-VSC-45M-NL  |
| 210    | 1-15/16    | <b>123631</b> | F4B-VSC-115  | @                             | F4B-VSC-115-NL  |
|        | 2          | <b>123632</b> | F4B-VSC-200  | @                             | F4B-VSC-200-NL  |
|        | 50mm       | <b>125701</b> | F4B-VSC-50M  | @                             | F4B-VSC-50M-NL  |
| 211    | 2          | <b>123652</b> | F4B-VSC-200L | @                             | F4B-VSC-200L-NL |
|        | 2-3/16     | <b>123633</b> | F4B-VSC-203  | @                             | F4B-VSC-203-NL  |
|        | 55mm       | <b>125702</b> | F4B-VSC-55M  | @                             | F4B-VSC-55M-NL  |

@Assembled to order

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### VSC INTERMEDIATE DUTY 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

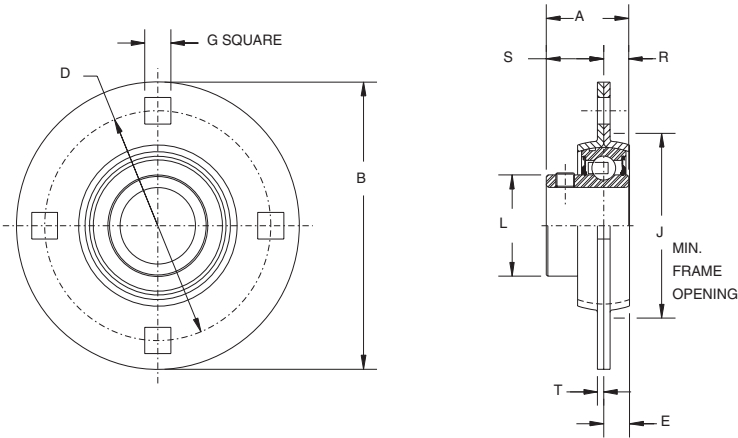
| Series | Shaft Size | Weight lbs.<br>kg | A       | B     | C       | D     | F Bolt Dia. | H     | J     | L       | N       |
|--------|------------|-------------------|---------|-------|---------|-------|-------------|-------|-------|---------|---------|
| 203    | 1/2        | 1.08              | 15/16   | 3     | 1-3/16  | 2-1/8 | 3/8         | 7/16  | 11/32 | 31/32   | 1-11/16 |
|        | 5/8        | 1.00              |         |       |         |       |             |       |       |         |         |
|        | 17mm       | 0.48              | 23.8    | 76.2  | 30.2    | 54.0  | M10         | 11.1  | 8.7   | 24.6    | 42.9    |
| 204    | 3/4        | 1.50              | 1-1/16  | 3-3/8 | 1-3/8   | 2-1/2 | 3/8         | 7/16  | 25/64 | 1-1/8   | 1-15/16 |
|        | 20mm       | 0.67              | 27.0    | 85.7  | 34.9    | 63.5  | M10         | 11.1  | 9.9   | 28.6    | 49.2    |
| 205    | 7/8        | 1.98              | 1-3/32  | 3-3/4 | 1-23/64 | 2-3/4 | 7/16        | 1/2   | 25/64 | 1-21/64 | 2-1/16  |
|        | 15/16      | 1.86              |         |       |         |       |             |       |       |         |         |
|        | 1          | 1.62              |         |       |         |       |             |       |       |         |         |
|        | 25mm       | 0.84              | 27.8    | 95.3  | 34.5    | 69.9  | M10         | 12.7  | 9.9   | 33.7    | 52.4    |
| 206    | 1-1/8      | 2.78              | 1-19/64 | 4-1/4 | 1-17/32 | 3-1/4 | 7/16        | 1/2   | 15/32 | 1-37/64 | 2-3/16  |
|        | 1-3/16     | 2.68              |         |       |         |       |             |       |       |         |         |
|        | 1-1/4      | 2.50              |         |       |         |       |             |       |       |         |         |
|        | 30mm       | 1.19              | 32.9    | 108.0 | 38.9    | 82.6  | M10         | 12.7  | 11.9  | 40.1    | 55.6    |
| 207    | 1-1/4      | 3.50              | 1-7/16  | 4-3/4 | 1-3/4   | 3-5/8 | 1/2         | 9/16  | 17/32 | 1-27/32 | 2-7/16  |
|        | 1-3/8      | 2.88              |         |       |         |       |             |       |       |         |         |
|        | 1-7/16     | 2.50              |         |       |         |       |             |       |       |         |         |
|        | 35mm       | 1.28              | 36.5    | 120.7 | 44.5    | 92.1  | M12         | 14.3  | 13.5  | 46.8    | 61.9    |
| 208    | 1-1/2      | 4.50              | 1-9/16  | 5-1/8 | 1-7/8   | 4     | 1/2         | 9/16  | 17/32 | 2-3/64  | 2-3/8   |
|        | 40mm       | 2.00              | 39.7    | 130.2 | 47.6    | 101.6 | M12         | 14.3  | 13.5  | 52.0    | 60.3    |
| 209    | 1-11/16    | 5.45              | 1-19/32 | 5-3/8 | 1-15/16 | 4-1/8 | 1/2         | 5/8   | 17/32 | 2-7/32  | 2-3/4   |
|        | 1-3/4      | 5.35              |         |       |         |       |             |       |       |         |         |
|        | 45mm       | 2.42              | 40.5    | 136.5 | 49.2    | 104.8 | M14         | 15.9  | 13.5  | 56.4    | 69.9    |
| 210    | 1-15/16    | 6.25              | 1-5/8   | 5-5/8 | 2       | 4-3/8 | 1/2         | 5/8   | 17/32 | 2-7/16  | 2-7/8   |
|        | 2          | 6.00              |         |       |         |       |             |       |       |         |         |
|        | 50mm       | 2.33              | 41.3    | 142.9 | 50.8    | 111.1 | M16         | 15.9  | 13.5  | 61.9    | 73.0    |
| 211    | 2          | 9.28              | 1-23/32 | 6-1/2 | 2-5/32  | 5-1/8 | 5/8         | 11/16 | 9/16  | 2-23/32 | 3-1/4   |
|        | 2-3/16     | 9.00              |         |       |         |       |             |       |       |         |         |
|        | 55mm       | 4.12              | 43.7    | 165.1 | 54.8    | 130.2 | M16         | 17.5  | 14.3  | 69.1    | 82.6    |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SL LIGHT DUTY 4-BOLT FLANGE BEARINGS



| Series | Shaft Size           | Part No.                            | Description                             |
|--------|----------------------|-------------------------------------|-----------------------------------------|
| 208    | 1-1/2<br>40mm        | <b>128088</b><br>@                  | F4B-SL-108<br>F4B-SL-40M                |
| 210    | 1-15/16<br>2<br>50mm | <b>128089</b><br><b>128090</b><br>@ | F4B-SL-115<br>F4B-SL-200<br>F4B-SL-50M  |
| 211    | 2<br>2-3/16<br>55mm  | <b>128182</b><br><b>128091</b><br>@ | F4B-SL-200L<br>F4B-SL-203<br>F4B-SL-55M |

@ Assembled to order

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SL LIGHT DUTY 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight<br>lbs.<br>kg. | A       | B       | D       | E     | G*    | J      | L       | R     | S      | T     | Housing<br>Radial<br>Load<br>Rating<br>(lbs) |
|--------|------------|-----------------------|---------|---------|---------|-------|-------|--------|---------|-------|--------|-------|----------------------------------------------|
| 208    | 1-1/2      | 2.64                  | 1-9/16  | 5-13/16 | 4-11/16 | 13/32 | 17/32 | 3-9/16 | 2-3/64  | 15/32 | 13/32  | 0.134 | 1,700                                        |
|        | 40mm       | 1.15                  | 39.7    | 147.6   | 119.1   | 10.3  | 13.5  | 1.55   | 52.0    | 11.3  | 27.8   | 3.4   | 7,556                                        |
| 210    | 1-15/16    | 2.95                  | 1-5/8   | 6-1/8   | 5       | 7/16  | 17/32 | 4      | 2-7/16  | 15/32 | 1-5/32 | 0.149 | 1,900                                        |
|        | 2          | 2.86                  |         |         |         |       |       |        |         |       |        |       |                                              |
| 211    | 50mm       | 1.28                  | 41.3    | 155.6   | 127.0   | 11.1  | 13.5  | 1.74   | 61.9    | 11.3  | 29.4   | 3.8   | 8,444                                        |
|        |            |                       |         |         |         |       |       |        |         |       |        |       |                                              |
| 211    | 2          | 3.73                  | 1-23/32 | 6-9/16  | 5-7/16  | 15/32 | 17/32 | 4-7/16 | 2-23/32 | 1/2   | 1-7/32 | 0.149 | 2,300                                        |
|        | 2-3/16     | 3.63                  |         |         |         |       |       |        |         |       |        |       |                                              |
|        | 55mm       | 1.62                  | 43.7    | 166.7   | 138.1   | 11.9  | 13.5  | 1.93   | 69.1    | 12.7  | 31.0   | 3.8   | 10,222                                       |

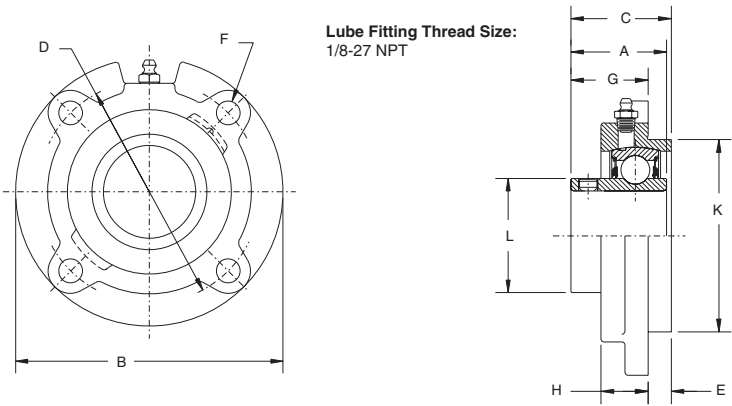
\* Mounting bolt holes will accept either carriage or machine bolts.

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY PILOTED FLANGE BEARINGS



| Series | Shaft Size | Part No.      | Description |
|--------|------------|---------------|-------------|
| 206    | 1-1/16     | <b>124578</b> | FC-SC-101   |
|        | 1-1/8      | <b>124582</b> | FC-SC-102   |
|        | 1-3/16     | <b>124579</b> | FC-SC-103   |
|        | 1-1/4      | <b>124587</b> | FC-SC-104S  |
|        | 30mm       | <b>125865</b> | FC-SC-30M   |
| 207    | 1-1/4      | <b>124224</b> | FC-SC-104   |
|        | 1-5/16     | <b>124237</b> | FC-SC-105   |
|        | 1-3/8      | <b>124235</b> | FC-SC-106   |
|        | 1-7/16     | <b>124236</b> | FC-SC-107   |
|        | 35mm       | <b>125866</b> | FC-SC-35M   |
| 208    | 1-1/2      | <b>124225</b> | FC-SC-108   |
|        | 1-5/8      | <b>124226</b> | FC-SC-110   |
|        | 40mm       | <b>125867</b> | FC-SC-40M   |
| 209    | 1-5/8      | <b>@</b>      | FC-SC-110L  |
|        | 1-11/16    | <b>124227</b> | FC-SC-111   |
|        | 1-3/4      | <b>124228</b> | FC-SC-112   |
|        | 45mm       | <b>125868</b> | FC-SC-45M   |
| 210    | 1-15/16    | <b>124229</b> | FC-SC-115   |
|        | 2          | <b>124230</b> | FC-SC-200   |
|        | 50mm       | <b>125869</b> | FC-SC-50M   |
| 211    | 2          | <b>126175</b> | FC-SCM-200  |
|        | 2-3/16     | <b>124231</b> | FC-SC-203   |
|        | 2-1/4      | <b>124232</b> | FC-SC-204   |
|        | 55mm       | <b>125870</b> | FC-SC-55M   |
| 212    | 2-1/4      | <b>126177</b> | FC-SCM-204  |
|        | 2-7/16     | <b>124233</b> | FC-SC-207   |
|        | 60mm       | <b>125871</b> | FC-SC-60M   |
| 214    | 2-1/2      | <b>126179</b> | FC-SCM-208  |
|        | 2-11/16    | <b>124729</b> | FC-SC-211   |
|        | 70mm       | <b>125872</b> | FC-SC-70M   |

@ Assembled to order

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY PILOTED FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight - lbs. kgs. | A       | B     | C       | D      | D      | E     | F Bolt Dia. | G       | H      | K*    | L       |
|--------|------------|--------------------|---------|-------|---------|--------|--------|-------|-------------|---------|--------|-------|---------|
| 206    | 1-1/16     | 3.2                | 1-25/64 | 4-3/8 | 1-1/2   | 3-5/8  | 3-5/8  | 1/4   | 3/8         | 1-1/4   | 13/16  | 3     | 1-37/64 |
|        | 1-1/8      | 3.1                |         |       |         |        |        |       |             |         |        |       |         |
|        | 1-3/16     | 3.0                |         |       |         |        |        |       |             |         |        |       |         |
|        | 1-1/4      | 2.9                |         |       |         |        |        |       |             |         |        |       |         |
|        | 30mm       | 1.3                | 35.3    | 111.1 | 38.1    | 92.1   | 92.1   | 6.4   | M10         | 31.8    | 20.6   | 76.2  | 40.1    |
| 207    | 1-1/4      | 4.2                | 1-17/32 | 5     | 1-49/64 | 4-1/8  | 4-1/8  | 3/8   | 3/8         | 1-25/64 | 27/32  | 3-3/8 | 1-27/32 |
|        | 1-5/16     | 4.1                |         |       |         |        |        |       |             |         |        |       |         |
|        | 1-3/8      | 4.0                |         |       |         |        |        |       |             |         |        |       |         |
|        | 1-7/16     | 3.9                |         |       |         |        |        |       |             |         |        |       |         |
|        | 35mm       | 1.8                | 38.9    | 127.0 | 44.8    | 104.8  | 104.8  | 9.5   | M10         | 35.3    | 21.4   | 85.7  | 46.8    |
| 208    | 1-1/2      | 4.6                | 1-11/16 | 5-1/4 | 1-57/64 | 4-3/8  | 4-3/8  | 7/16  | 7/16        | 1-29/64 | 57/64  | 3-5/8 | 2-3/64  |
|        | 1-5/8      | 4.5                |         |       |         |        |        |       |             |         |        |       |         |
|        | 40mm       | 2.0                | 42.9    | 133.4 | 48.0    | 111.1  | 111.1  | 11.1  | M12         | 36.9    | 22.6   | 92.1  | 52.0    |
| 209    | 1-5/8      | 5.6                | 1-23/32 | 5-3/4 | 1-57/64 | 4-3/4  | 4-3/4  | 7/16  | 1/2         | 1-29/64 | 29/32  | 4     | 2-7/32  |
|        | 1-11/16    | 5.5                |         |       |         |        |        |       |             |         |        |       |         |
|        | 1-3/4      | 5.4                |         |       |         |        |        |       |             |         |        |       |         |
|        | 45mm       | 2.4                | 43.7    | 146.1 | 48.0    | 120.7  | 120.7  | 11.1  | M12         | 36.9    | 23.0   | 101.6 | 56.4    |
| 210    | 1-15/16    | 6.4                | 1-3/4   | 6-1/8 | 1-61/64 | 5-1/8  | 5-1/8  | 15/32 | 1/2         | 1-31/64 | 59/64  | 4-1/4 | 2-7/16  |
|        | 2          | 6.3                |         |       |         |        |        |       |             |         |        |       |         |
|        | 50mm       | 2.9                | 44.5    | 155.6 | 49.6    | 130.2  | 130.2  | 11.9  | M12         | 37.7    | 23.5   | 108.0 | 61.9    |
| 211    | 2          | 7.3                | 1-27/32 | 6-3/8 | 2-7/32  | 5-3/8  | 5-3/8  | 5/8   | 1/2         | 1-19/32 | 1      | 4-1/2 | 2-23/32 |
|        | 2-3/16     | 7.2                |         |       |         |        |        |       |             |         |        |       |         |
|        | 2-1/4      | 7.1                |         |       |         |        |        |       |             |         |        |       |         |
|        | 55mm       | 3.3                | 46.8    | 161.9 | 56.4    | 136.5  | 136.5  | 15.9  | M12         | 40.5    | 25.4   | 114.3 | 69.1    |
| 212    | 2-1/4      | 9.6                | 1-63/64 | 7-1/8 | 2-29/64 | 6      | 6      | 7/8   | 1/2         | 1-37/64 | 1      | 5     | 2-31/32 |
|        | 2-7/16     | 9.5                |         |       |         |        |        |       |             |         |        |       |         |
|        | 60mm       | 4.3                | 50.4    | 181.0 | 62.3    | 152.40 | 152.40 | 22.2  | M12         | 40.1    | 25.4   | 127.0 | 75.4    |
| 214    | 2-1/2      | 13.0               | 2-15/64 | 7-5/8 | 2-49/64 | 6-1/2  | 6-1/2  | 1-1/8 | 1/2         | 1-41/64 | 1-1/16 | 5-1/2 | 3-5/16  |
|        | 2-11/16    | 12.9               |         |       |         |        |        |       |             |         |        |       |         |
|        | 70mm       | 5.5                | 56.8    | 193.7 | 70.2    | 165.1  | 165.1  | 28.6  | M12         | 41.7    | 27.0   | 139.7 | 84.1    |

\*+0.000, -0.002," \*+0.00 -0.05mm

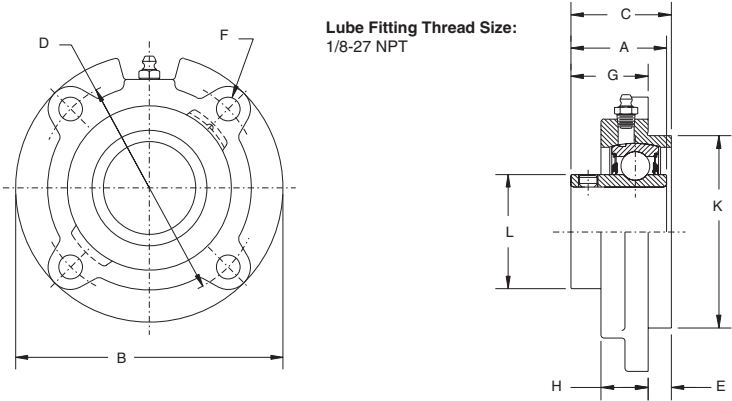
|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCM MEDIUM DUTY PILOTED FLANGE BEARINGS



Lube Fitting Thread Size:  
1/8-27 NPT

| Series | Shaft Size | Part No.      | Description |
|--------|------------|---------------|-------------|
| 206    | 1          | <b>126167</b> | FC-SCM-100  |
|        | 25mm       | <b>125940</b> | FC-SCM-25M  |
| 207    | 1-3/16     | <b>126168</b> | FC-SCM-103  |
|        | 1-1/4      | <b>124224</b> | FC-SC-104   |
|        | 30mm       | <b>125941</b> | FC-SCM-30M  |
| 208    | 1-7/16     | <b>126170</b> | FC-SCM-107  |
|        | 1-1/2      | <b>126171</b> | FC-SCM-108  |
|        | 35mm       | <b>125942</b> | FC-SCM-35M  |
| 209    | 1-1/2      | <b>056492</b> | FC-SCM-108L |
|        | 1-5/8      | @             | FC-SC-110L  |
|        | 40mm       | <b>125943</b> | FC-SCM-40M  |
| 210    | 1-11/16    | <b>126172</b> | FC-SCM-111  |
|        | 1-3/4      | <b>126173</b> | FC-SCM-112  |
|        | 45mm       | <b>125944</b> | FC-SCM-45M  |
| 211    | 1-15/16    | <b>126174</b> | FC-SCM-115  |
|        | 2          | <b>126175</b> | FC-SCM-200  |
|        | 50mm       | <b>125945</b> | FC-SCM-50M  |
| 212    | 2-3/16     | <b>126176</b> | FC-SCM-203  |
|        | 2-1/4      | <b>126177</b> | FC-SCM-204  |
|        | 55mm       | <b>125946</b> | FC-SCM-55M  |
| 214    | 2-7/16     | <b>126178</b> | FC-SCM-207  |
|        | 2-1/2      | <b>126179</b> | FC-SCM-208  |
|        | 65mm       | <b>125947</b> | FC-SCM-65M  |
| 216    | 2-15/16    | <b>126180</b> | FC-SCM-215  |
|        | 3          | <b>126182</b> | FC-SCM-300  |
|        | 75mm       | <b>125948</b> | FC-SCM-75M  |
| 218    | 3-7/16     | <b>126183</b> | FC-SCM-307  |
|        | 3-1/2      | <b>126184</b> | FC-SCM-308  |
|        | 85mm       | <b>125949</b> | FC-SCM-85M  |

@ Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCM MEDIUM DUTY PILOTED FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight<br>lbs.<br>kgs. | A       | B      | C       | D     | E     | F<br>Bolt<br>Dia. | G       | H      | K*    | L       |
|--------|------------|------------------------|---------|--------|---------|-------|-------|-------------------|---------|--------|-------|---------|
| 206    | 1          | 3.3                    | 1-25/64 | 4-3/8  | 1-1/2   | 3-5/8 | 1/4   | 3/8               | 1-1/4   | 13/16  | 3     | 1-37/64 |
|        | 25mm       | 1.4                    | 35.3    | 111.1  | 38.1    | 92.1  | 6.4   | M10               | 31.8    | 20.6   | 76.2  | 40.1    |
| 207    | 1-3/16     | 4.2                    | 1-17/32 | 5      | 1-49/64 | 4-1/8 | 3/8   | 3/8               | 1-25/64 | 27/32  | 3-3/8 | 1-27/32 |
|        | 1-1/4      | 4.2                    |         |        |         |       |       |                   |         |        |       |         |
|        | 30mm       | 1.9                    | 38.9    | 127.0  | 44.8    | 104.8 | 9.5   | M10               | 35.3    | 21.4   | 85.7  | 46.8    |
| 208    | 1-7/16     | 4.8                    | 1-11/16 | 5-1/4  | 1-57/64 | 4-3/8 | 7/16  | 7/16              | 1-29/64 | 57/64  | 3-5/8 | 2-3/64  |
|        | 1-1/2      | 4.6                    |         |        |         |       |       |                   |         |        |       |         |
|        | 35mm       | 2.1                    | 42.9    | 133.4  | 48.0    | 111.1 | 11.1  | M12               | 36.9    | 22.6   | 92.1  | 52.0    |
| 209    | 1-1/2      | 5.6                    | 1-23/32 | 5-3/4  | 1-57/64 | 4-3/4 | 7/16  | 1/2               | 1-29/64 | 29/32  | 4     | 2-7/32  |
|        | 1-5/8      | 5.6                    |         |        |         |       |       |                   |         |        |       |         |
|        | 40mm       | 2.5                    | 43.7    | 146.1  | 48.0    | 120.7 | 11.1  | M12               | 36.9    | 23.0   | 101.6 | 56.4    |
| 210    | 1-11/16    | 6.4                    | 1-3/4   | 6-1/8  | 1-61/64 | 5-1/8 | 15/32 | 1/2               | 1-31/64 | 59/64  | 4-1/4 | 2-7/16  |
|        | 1-3/4      | 6.3                    |         |        |         |       |       |                   |         |        |       |         |
|        | 45mm       | 2.9                    | 44.5    | 155.6  | 49.6    | 130.2 | 11.9  | M12               | 37.7    | 23.4   | 108.0 | 61.9    |
| 211    | 1-15/16    | 7.6                    | 1-27/32 | 6-3/8  | 2-7/32  | 5-3/8 | 5/8   | 1/2               | 1-19/32 | 1      | 4-1/2 | 2-23/32 |
|        | 2          | 7.4                    |         |        |         |       |       |                   |         |        |       |         |
|        | 50mm       | 3.4                    | 46.8    | 161.9  | 56.4    | 136.5 | 15.9  | M12               | 40.5    | 25.4   | 114.3 | 69.1    |
| 212    | 2-3/16     | 9.5                    | 1-63/64 | 7-1/8  | 2-29/64 | 6     | 7/8   | 1/2               | 1-37/64 | 1      | 5     | 2-31/32 |
|        | 2-1/4      | 9.8                    |         |        |         |       |       |                   |         |        |       |         |
|        | 55mm       | 4.4                    | 50.4    | 181.0  | 62.3    | 152.4 | 22.2  | M12               | 40.1    | 25.4   | 127.0 | 75.4    |
| 214    | 2-7/16     | 13.2                   | 2-15/64 | 7-5/8  | 2-49/64 | 6-1/2 | 1-1/8 | 1/2               | 1-41/64 | 1-1/16 | 5-1/2 | 3-5/16  |
|        | 2-1/2      | 13.0                   |         |        |         |       |       |                   |         |        |       |         |
|        | 65mm       | 5.9                    | 56.8    | 193.7  | 70.2    | 165.1 | 28.6  | M12               | 41.7    | 27.0   | 139.7 | 84.1    |
| 216    | 2-15/16    | 18.8                   | 2-11/64 | 8-3/4  | 3-1/32  | 7-1/2 | 1-1/4 | 5/8               | 1-25/32 | 1-3/16 | 6-3/8 | 3-53/64 |
|        | 3          | 18.6                   |         |        |         |       |       |                   |         |        |       |         |
|        | 75mm       | 8.5                    | 57.9    | 222.3  | 77.0    | 190.5 | 31.8  | M16               | 45.2    | 30.2   | 161.9 | 92.1    |
| 218    | 3-7/16     | 28.7                   | 2-31/64 | 10-1/4 | 3-19/64 | 8-5/8 | 1-1/8 | 3/4               | 2-11/64 | 1-5/8  | 7-3/8 | 4-23/64 |
|        | 3-1/2      | 28.5                   |         |        |         |       |       |                   |         |        |       |         |
|        | 85mm       | 13.5                   | 63.1    | 260.4  | 83.7    | 219.1 | 34.9  | M18               | 55.2    | 41.3   | 187.3 | 110.7   |

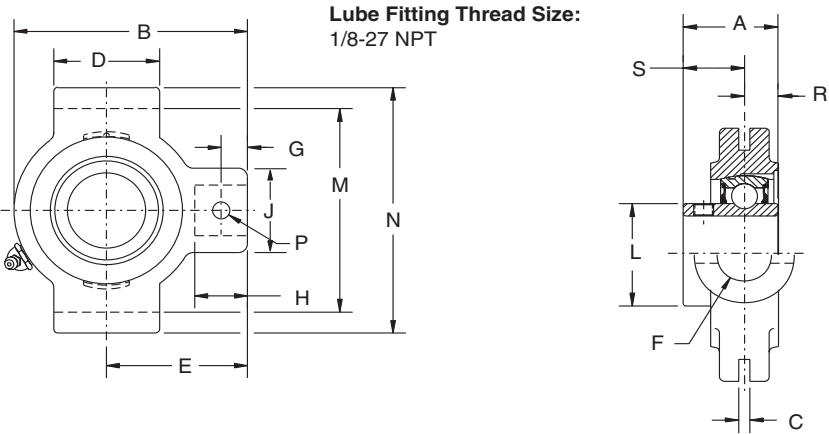
\* +.000-.002", +0.00 -0.05mm

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY NARROW SLOT TAKE-UP BEARINGS



| Series | Shaft Size | Standard      |              | No Lube/Sealed for Life (-NL) |                 |
|--------|------------|---------------|--------------|-------------------------------|-----------------|
|        |            | Part No.      | Description  | Part No.                      | Description     |
| 204    | 1/2        | <b>125328</b> | NSTU-SC-008  | @                             | NSTU-SC-008-NL  |
|        | 5/8        | <b>125329</b> | NSTU-SC-010  | @                             | NSTU-SC-010-NL  |
|        | 3/4        | <b>125050</b> | NSTU-SC-012  | @                             | NSTU-SC-012-NL  |
|        | 20mm       | <b>125900</b> | NSTU-SC-20M  | @                             | NSTU-SC-20M-NL  |
| 205    | 7/8        | <b>125365</b> | NSTU-SC-014  | @                             | NSTU-SC-014-NL  |
|        | 15/16      | <b>125051</b> | NSTU-SC-015  | @                             | NSTU-SC-015-NL  |
|        | 1          | <b>125052</b> | NSTU-SC-100  | <b>125054</b>                 | NSTU-SC-100-NL  |
|        | 25mm       | <b>125901</b> | NSTU-SC-25M  | @                             | NSTU-SC-25M-NL  |
| 206    | 1-1/16     | <b>125366</b> | NSTU-SC-101  | @                             | NSTU-SC-101-NL  |
|        | 1-1/8      | <b>125367</b> | NSTU-SC-102  | @                             | NSTU-SC-102-NL  |
|        | 1-3/16     | <b>125153</b> | NSTU-SC-103  | <b>052194</b>                 | NSTU-SC-103-NL  |
|        | 1-1/4      | <b>123174</b> | NSTU-SC-104S | @                             | NSTU-SC-104S-NL |
|        | 30mm       | <b>125902</b> | NSTU-SC-30M  | @                             | NSTU-SC-30M-NL  |
| 207    | 1-1/4      | <b>125154</b> | NSTU-SC-104  | <b>058897</b>                 | NSTU-SC-104-NL  |
|        | 1-5/16     | <b>125368</b> | NSTU-SC-105  | @                             | NSTU-SC-105-NL  |
|        | 1-3/8      | <b>125369</b> | NSTU-SC-106  | <b>125378</b>                 | NSTU-SC-106-NL  |
|        | 1-7/16     | <b>125155</b> | NSTU-SC-107  | <b>052199</b>                 | NSTU-SC-107-NL  |
|        | 35mm       | <b>125903</b> | NSTU-SC-35M  | @                             | NSTU-SC-35M-NL  |

@ Assembled to order  
See B15-9 for Take-Up Frames

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SC NORMAL DUTY NARROW SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight lbs. kgs. | Take-Up Frame No. Ref. | A       | B      | C * | D     | E       | F Screw Dia | G    | H     | J     | L       | M #   | N     | P Pin Dia | R     | S      |
|--------|------------|------------------|------------------------|---------|--------|-----|-------|---------|-------------|------|-------|-------|---------|-------|-------|-----------|-------|--------|
| 204    | 1/2        | 1.6              | NS210                  | 1-5/32  | 3-1/2  | 1/4 | 1-1/2 | 2-3/16  | 3/4         | 7/16 | 7/8   | 1-3/8 | 1-1/8   | 2-5/8 | 3-1/8 | 5/16      | 27/64 | 47/64  |
|        | 5/8        | 1.5              |                        |         |        |     |       |         |             |      |       |       |         |       |       |           |       |        |
|        | 3/4        | 1.4              |                        |         |        |     |       |         |             |      |       |       |         |       |       |           |       |        |
|        | 20mm       | 0.8              |                        | 29.4    | 88.9   | 6.4 | 38.1  | 55.6    | 19.1        | 11.1 | 22.2  | 34.9  | 28.6    | 66.7  | 79.4  | 7.9       | 10.7  | 18.7   |
| 205    | 7/8        | 1.7              | NS210                  | 1-3/16  | 3-9/16 | 1/4 | 1-1/2 | 2-3/16  | 3/4         | 7/16 | 7/8   | 1-3/8 | 1-21/64 | 2-5/8 | 3-1/8 | 5/16      | 27/64 | 49/64  |
|        | 15/16      | 1.6              |                        |         |        |     |       |         |             |      |       |       |         |       |       |           |       |        |
|        | 1          | 1.5              |                        |         |        |     |       |         |             |      |       |       |         |       |       |           |       |        |
|        | 25mm       | 0.7              |                        | 30.2    | 90.5   | 6.4 | 38.1  | 55.6    | 19.1        | 11.1 | 22.2  | 34.9  | 33.7    | 66.7  | 79.4  | 7.9       | 10.7  | 19.4   |
| 206    | 1-1/16     | 2.9              | NS308                  | 1-25/64 | 4-5/16 | 1/4 | 2-1/2 | 2-11/16 | 3/4         | 1/2  | 15/16 | 1-3/8 | 1-37/64 | 3-1/2 | 4-1/8 | 5/16      | 31/64 | 29/32  |
|        | 1-1/8      | 2.8              |                        |         |        |     |       |         |             |      |       |       |         |       |       |           |       |        |
|        | 1-3/16     | 2.7              |                        |         |        |     |       |         |             |      |       |       |         |       |       |           |       |        |
|        | 1-1/4      | 2.6              |                        |         |        |     |       |         |             |      |       |       |         |       |       |           |       |        |
| 207    | 30mm       | 1.2              |                        | 35.3    | 109.5  | 6.4 | 63.5  | 68.3    | 19.1        | 12.7 | 23.8  | 34.9  | 40.1    | 88.9  | 104.8 | 7.9       | 12.3  | 23     |
|        | 1-1/4      | 2.8              | NS308                  | 1-17/32 | 4-1/2  | 1/4 | 2-1/2 | 2-11/16 | 3/4         | 1/2  | 15/16 | 1-3/8 | 1-27/32 | 3-1/2 | 4-1/8 | 5/16      | 1/2   | 1-1/32 |
|        | 1-5/16     | 2.7              |                        |         |        |     |       |         |             |      |       |       |         |       |       |           |       |        |
|        | 1-3/8      | 2.6              |                        |         |        |     |       |         |             |      |       |       |         |       |       |           |       |        |
|        | 1-7/16     | 2.5              |                        |         |        |     |       |         |             |      |       |       |         |       |       |           |       |        |
|        | 35mm       | 1.2              |                        | 38.9    | 114.3  | 6.4 | 63.5  | 68.3    | 19.1        | 12.7 | 23.8  | 34.9  | 46.8    | 88.9  | 104.8 | 7.9       | 12.7  | 26.2   |

\*+ or -.015". + pr -.38mm

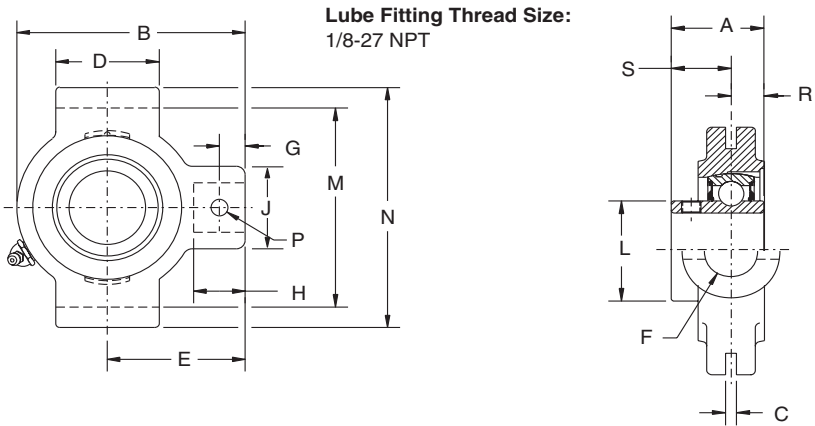
#+.010, -.020" +.25mm, -.50mm

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY NARROW SLOT TAKE-UP BEARINGS



| Series | Shaft Size | Standard      |              | Sealed For Life |                 |
|--------|------------|---------------|--------------|-----------------|-----------------|
|        |            | Part No.      | Description  | Part No.        | Description     |
| 208    | 1-1/2      | <b>125156</b> | NSTU-SC-108  | <b>@</b>        | NSTU-SC-108-NL  |
|        | 1-5/8      | <b>125370</b> | NSTU-SC-110  | <b>@</b>        | NSTU-SC-110-NL  |
|        | 40mm       | <b>125904</b> | NSTU-SC-40M  | <b>@</b>        | NSTU-SC-40M-NL  |
| 209    | 1-5/8      | <b>@</b>      | NSTU-SC-110L | <b>@</b>        | NSTU-SC-110L-NL |
|        | 1-11/16    | <b>125157</b> | NSTU-SC-111  | <b>052939</b>   | NSTU-SC-111-NL  |
|        | 1-3/4      | <b>125371</b> | NSTU-SC-112  | <b>@</b>        | NSTU-SC-112-NL  |
|        | 45mm       | <b>125905</b> | NSTU-SC-45M  | <b>@</b>        | NSTU-SC-45M-NL  |
| 210    | 1-15/16    | <b>125158</b> | NSTU-SC-115  | <b>125159</b>   | NSTU-SC-115-NL  |
|        | 2          | <b>125372</b> | NSTU-SC-200  | <b>@</b>        | NSTU-SC-200-NL  |
|        | 50mm       | <b>125906</b> | NSTU-SC-50M  | <b>@</b>        | NSTU-SC-50M-NL  |
| 211    | 2          | <b>135171</b> | NSTU-SCM-200 | <b>@</b>        | NSTU-SCM-200-NL |
|        | 2-3/16     | <b>125160</b> | NSTU-SC-203  | <b>@</b>        | NSTU-SC-203-NL  |
|        | 2-1/4      | <b>125373</b> | NSTU-SC-204  | <b>@</b>        | NSTU-SC-204-NL  |
|        | 55mm       | <b>125907</b> | NSTU-SC-55M  | <b>@</b>        | NSTU-SC-55M-NL  |
| 212    | 2-1/4      | <b>135172</b> | NSTU-SCM-204 | <b>@</b>        | NSTU-SCM-204-NL |
|        | 2-7/16     | <b>125162</b> | NSTU-SC-207  | <b>@</b>        | NSTU-SC-207-NL  |
|        | 60mm       | <b>125908</b> | NSTU-SC-60M  | <b>@</b>        | NSTU-SC-60M-NL  |

@ Assembled to order  
See B15-9 for Take-Up Frames

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SC NORMAL DUTY NARROW SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight lbs. kgs. | Take-Up Frame No. Ref. | A       | B       | C *  | D     | E     | F Screw Dia | G     | H      | J     | L       | M #     | N     | P Pin Dia | R     | S      |
|--------|------------|------------------|------------------------|---------|---------|------|-------|-------|-------------|-------|--------|-------|---------|---------|-------|-----------|-------|--------|
| 208    | 1-1/2      | 4.7              | NS400                  | 1-11/16 | 5-3/8   | 5/16 | 3     | 3-1/4 | 7/8         | 21/32 | 1-5/32 | 1-5/8 | 2-3/64  | 4       | 4-3/4 | 3/8       | 19/32 | 1-3/32 |
|        | 1-5/8      | 4.6              |                        |         |         |      |       |       |             |       |        |       |         |         |       |           |       |        |
|        | 40mm       | 2.1              |                        | 42.9    | 136.5   | 7.9  | 76.2  | 82.6  | 22.2        | 16.7  | 29.4   | 41.3  | 52.0    | 101.6   | 120.7 | 9.5       | 15.1  | 27.8   |
| 209    | 1-5/8      | 4.9              | NS400                  | 1-23/32 | 5-7/16  | 5/16 | 3     | 3-1/4 | 7/8         | 23/32 | 1-7/32 | 1-5/8 | 2-7/32  | 4       | 4-3/4 | 3/8       | 19/32 | 1-1/8  |
|        | 1-11/16    | 4.8              |                        |         |         |      |       |       |             |       |        |       |         |         |       |           |       |        |
|        | 1-3/4      | 4.7              |                        |         |         |      |       |       |             |       |        |       |         |         |       |           |       |        |
| 210    | 45mm       | 2.1              |                        | 43.7    | 138.1   | 7.9  | 76.2  | 82.6  | 22.2        | 18.3  | 31.0   | 41.3  | 56.4    | 101.6   | 120.7 | 9.5       | 15.1  | 28.6   |
| 211    | 1-15/16    | 4.9              | NS400                  | 1-3/4   | 5-1/2   | 5/16 | 3     | 3-1/4 | 7/8         | 19/32 | 1-3/32 | 1-5/8 | 2-7/16  | 4       | 4-3/4 | 3/8       | 19/32 | 1-5/32 |
|        | 2          | 4.8              |                        |         |         |      |       |       |             |       |        |       |         |         |       |           |       |        |
|        | 50mm       | 2.2              |                        | 44.5    | 139.7   | 7.9  | 76.2  | 82.6  | 22.2        | 15.1  | 27.8   | 41.3  | 61.9    | 101.6   | 120.7 | 9.5       | 15.1  | 29.4   |
| 211    | 2          | 6.8              | NS407                  | 1-27/32 | 6-1/8   | 5/16 | 3-1/2 | 3-5/8 | 1           | 11/16 | 1-9/32 | 1-3/4 | 2-23/32 | 4-7/16  | 5-3/8 | 7/16      | 5/8   | 1-7/32 |
|        | 2-3/16     | 6.6              |                        |         |         |      |       |       |             |       |        |       |         |         |       |           |       |        |
|        | 2-1/4      | 6.5              |                        |         |         |      |       |       |             |       |        |       |         |         |       |           |       |        |
| 212    | 55mm       | 3.0              |                        | 46.8    | 155.6   | 7.9  | 88.9  | 92.1  | 25.4        | 17.5  | 32.5   | 44.5  | 69.1    | 112.7   | 136.5 | 11.1      | 15.9  | 31.0   |
| 212    | 2-1/4      | 8.7              | NS415                  | 1-63/64 | 6-11/16 | 5/16 | 3-3/4 | 3-7/8 | 1           | 11/16 | 1-9/32 | 1-5/8 | 2-31/32 | 4-15/16 | 5-3/4 | 7/16      | 43/64 | 1-5/16 |
|        | 2-7/16     | 8.4              |                        |         |         |      |       |       |             |       |        |       |         |         |       |           |       |        |
|        | 60mm       | 4.9              |                        | 50.4    | 169.9   | 7.9  | 95.3  | 98.4  | 25.4        | 17.5  | 32.5   | 41.3  | 75.4    | 125.4   | 146.1 | 11.1      | 17.1  | 33.3   |

\*+/- .015" +/- .38mm

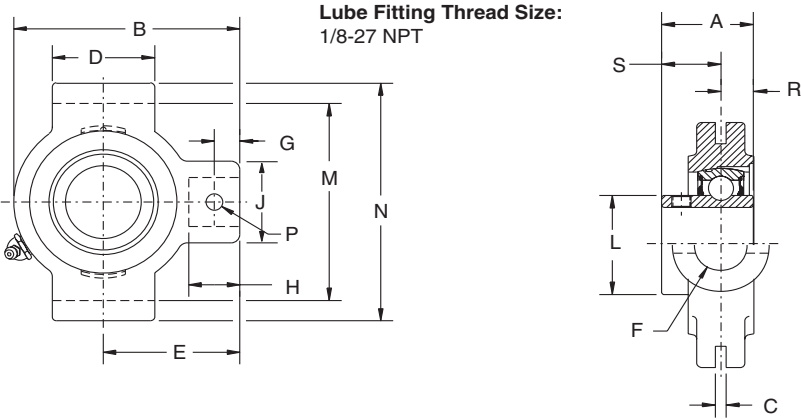
#+.010, -.020" +.25mm, -.50mm

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|

# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCM MEDIUM DUTY NARROW SLOT TAKE-UP BEARINGS



| Series | Shaft Size | Part No.      | Description  |
|--------|------------|---------------|--------------|
| 206    | 1          | <b>135102</b> | NSTU-SCM-100 |
|        | 25mm       | <b>125980</b> | NSTU-SCM-25M |
| 207    | 1-3/16     | <b>135081</b> | NSTU-SCM-103 |
|        | 1-1/4      | <b>125154</b> | NSTU-SC-104  |
| 208    | 30mm       | <b>125981</b> | NSTU-SCM-30M |
|        | 1-7/16     | <b>135105</b> | NSTU-SCM-107 |
| 209    | 35mm       | <b>125982</b> | NSTU-SCM-35M |
|        | 1-1/2      | <b>135106</b> | NSTU-SCM-108 |
| 210    | 1-5/8      | <b>@</b>      | NSTU-SC-110L |
|        | 40mm       | <b>125983</b> | NSTU-SCM-40M |
| 211    | 1-11/16    | <b>135107</b> | NSTU-SCM-111 |
|        | 1-3/4      | <b>135170</b> | NSTU-SCM-112 |
| 212    | 45mm       | <b>125984</b> | NSTU-SCM-45M |
|        | 1-15/16    | <b>135109</b> | NSTU-SCM-115 |
| 211    | 2          | <b>135171</b> | NSTU-SCM-200 |
|        | 50mm       | <b>125985</b> | NSTU-SCM-50M |
| 212    | 2-3/16     | <b>135111</b> | NSTU-SCM-203 |
|        | 2-1/4      | <b>135172</b> | NSTU-SCM-204 |
| 212    | 55mm       | <b>125986</b> | NSTU-SCM-55M |

@ Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCM MEDIUM DUTY NARROW SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size               | Weight lbs. kgs.  | Take-Up Frame No. Ref. | A               | B                | C*          | D             | E               | F Screw Dia. | G             | H              | J             | L               | M#               | N              | P Pin Dia.   | R             | S              |
|--------|--------------------------|-------------------|------------------------|-----------------|------------------|-------------|---------------|-----------------|--------------|---------------|----------------|---------------|-----------------|------------------|----------------|--------------|---------------|----------------|
| 206    | 1<br>25mm                | 3.0<br>1.2        | NS308                  | 1-25/64<br>35.3 | 4-5/16<br>109.5  | 1/4<br>6.4  | 2-1/2<br>63.5 | 2-11/16<br>68.3 | 3/4<br>19.1  | 1/2<br>12.7   | 15/16<br>23.8  | 1-3/8<br>34.9 | 1-37/64<br>40.1 | 3-1/2<br>88.9    | 4-1/8<br>104.8 | 5/16<br>7.9  | 31/64<br>12.3 | 29/32<br>23.0  |
| 207    | 1-3/16<br>1-1/4<br>30mm  | 2.9<br>2.8<br>1.3 | NS308                  | 1-17/32<br>38.9 | 4-1/2<br>114.3   | 1/4<br>6.4  | 2-1/2<br>63.5 | 2-11/16<br>68.3 | 3/4<br>19.1  | 1/2<br>12.7   | 15/16<br>23.8  | 1-3/8<br>34.9 | 1-27/32<br>46.8 | 3-1/2<br>88.9    | 4-1/8<br>104.8 | 5/16<br>7.9  | 1/2<br>12.7   | 1-1/32<br>26.2 |
| 208    | 1-7/16<br>35mm           | 4.7<br>2.2        | NS400                  | 1-11/16<br>42.9 | 5-3/8<br>136.5   | 5/16<br>7.9 | 3<br>76.2     | 3-1/4<br>82.6   | 7/8<br>22.2  | 21/32<br>16.7 | 1-5/32<br>29.4 | 1-5/8<br>41.3 | 2-3/64<br>52.0  | 4<br>101.60      | 4-3/4<br>120.7 | 3/8<br>9.5   | 19/32<br>15.1 | 1-3/32<br>27.8 |
| 209    | 1-1/2<br>1-5/8<br>40mm   | 5.0<br>4.9<br>2.3 | NS400                  | 1-23/32<br>43.7 | 5-7/16<br>138.1  | 5/16<br>7.9 | 3<br>76.2     | 3-1/4<br>82.6   | 7/8<br>22.2  | 23/32<br>18.3 | 1-7/32<br>31.0 | 1-5/8<br>41.3 | 2-7/32<br>56.4  | 4<br>101.60      | 4-3/4<br>120.7 | 3/8<br>9.5   | 19/32<br>15.1 | 1-1/8<br>28.6  |
| 210    | 1-11/16<br>1-3/4<br>45mm | 5.3<br>5.2<br>2.4 | NS400                  | 1-3/4<br>44.5   | 5-1/2<br>139.7   | 5/16<br>7.9 | 3<br>76.2     | 3-1/4<br>82.6   | 7/8<br>22.2  | 19/32<br>15.1 | 1-3/32<br>27.8 | 1-5/8<br>41.3 | 2-7/16<br>61.9  | 4<br>101.60      | 4-3/4<br>120.7 | 3/8<br>9.5   | 19/32<br>15.1 | 1-5/32<br>29.4 |
| 211    | 1-15/16<br>2<br>50mm     | 7.0<br>6.8<br>3.2 | NS407                  | 1-27/32<br>46.8 | 6-1/8<br>155.6   | 5/16<br>7.9 | 3-1/2<br>88.9 | 3-5/8<br>92.1   | 1<br>25.4    | 11/16<br>17.5 | 1-9/32<br>32.5 | 1-3/4<br>44.5 | 2-23/32<br>69.1 | 4-7/16<br>112.7  | 5-3/8<br>136.5 | 7/16<br>11.1 | 5/8<br>15.9   | 1-7/32<br>31.0 |
| 212    | 2-3/16<br>2-1/4<br>55mm  | 8.9<br>8.7<br>4.0 | NS415                  | 1-63/64<br>50.4 | 6-11/16<br>169.9 | 5/16<br>7.9 | 3-3/4<br>95.3 | 3-7/8<br>98.4   | 1<br>25.4    | 11/16<br>17.5 | 1-9/32<br>32.5 | 1-5/8<br>41.3 | 2-31/32<br>75.4 | 4-15/16<br>125.4 | 5-3/4<br>146.1 | 7/16<br>11.1 | 43/64<br>17.1 | 1-5/16<br>33.3 |

#+ or -.015", + or -.38mm"

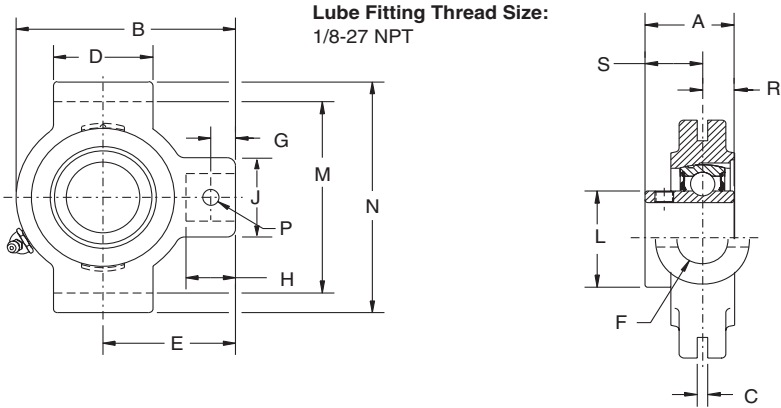
|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings VSC INTERMEDIATE DUTY NARROW SLOT TAKE-UP BEARINGS



| Series | Shaft Size | Part No.      | Description   |
|--------|------------|---------------|---------------|
| 204    | 3/4        | <b>125533</b> | NSTU-VSC-012  |
|        | 20mm       | @             | NSTU-VSC-20M  |
| 205    | 7/8        | <b>125534</b> | NSTU-VSC-014  |
|        | 15/16      | <b>125535</b> | NSTU-VSC-015  |
|        | 1          | <b>125536</b> | NSTU-VSC-100  |
|        | 25mm       | @             | NSTU-VSC-25M  |
| 206    | 1-1/8      | <b>125537</b> | NSTU-VSC-102  |
|        | 1-3/16     | <b>125538</b> | NSTU-VSC-103  |
|        | 1-1/4      | <b>125540</b> | NSTU-VSC-104S |
|        | 30mm       | @             | NSTU-VSC-30M  |
| 207    | 1-1/4      | <b>125539</b> | NSTU-VSC-104  |
|        | 1-3/8      | <b>125541</b> | NSTU-VSC-106  |
|        | 1-7/16     | <b>123680</b> | NSTU-VSC-107  |
|        | 35mm       | @             | NSTU-VSC-35M  |
| 208    | 1-1/2      | <b>125542</b> | NSTU-VSC-108  |
|        | 40mm       | @             | NSTU-VSC-40M  |
| 209    | 1-11/16    | <b>125543</b> | NSTU-VSC-111  |
|        | 1-3/4      | <b>125544</b> | NSTU-VSC-112  |
|        | 45mm       | @             | NSTU-VSC-45M  |
| 210    | 1-15/16    | <b>125545</b> | NSTU-VSC-115  |
|        | 2          | <b>125546</b> | NSTU-VSC-200  |
|        | 50mm       | @             | NSTU-VSC-50M  |
| 211    | 2          | <b>125547</b> | NSTU-VSC-200  |
|        | 2-3/16     | <b>125548</b> | NSTU-VSC-203  |
|        | 55mm       | @             | NSTU-VSC-55M  |

@ Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### VSC INTERMEDIATE DUTY NARROW SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size                       | Weight lbs. kg.              | Take-Up Frame No. Ref. | A               | B               | C*          | D             | E               | F Screw Dia. | G              | H              | J             | L               | M#              | N              | P Pin Dia.   | R             | S              |
|--------|----------------------------------|------------------------------|------------------------|-----------------|-----------------|-------------|---------------|-----------------|--------------|----------------|----------------|---------------|-----------------|-----------------|----------------|--------------|---------------|----------------|
| 204    | 3/4<br>20mm                      | 1.25<br>0.58                 | NS210                  | 1-1/16<br>27.0  | 3-1/2<br>88.9   | 1/4<br>6.4  | 1-1/2<br>38.1 | 2-3/16<br>55.6  | 3/4<br>19.1  | 7/16<br>11.1   | 7/8<br>22.2    | 1-3/8<br>34.9 | 1-1/8<br>28.6   | 2-5/8<br>66.7   | 3-1/8<br>79.4  | 5/16<br>7.9  | 21/64<br>8.3  | 47/64<br>18.7  |
| 205    | 7/8<br>15/16<br>1<br>25mm        | 1.68<br>1.58<br>1.48<br>0.73 | NS210                  | 1-3/32<br>27.8  | 3-9/16<br>90.5  | 1/4<br>6.4  | 1-1/2<br>38.1 | 2-3/16<br>55.6  | 3/4<br>19.1  | 7/16<br>11.1   | 7/8<br>22.2    | 1-3/8<br>34.9 | 1-21/64<br>33.7 | 2-5/8<br>66.7   | 3-1/8<br>79.4  | 5/16<br>7.9  | 21/64<br>8.3  | 49/64<br>19.4  |
| 206    | 1-1/8<br>1-3/16<br>1-1/4<br>30mm | 2.78<br>2.58<br>2.48<br>1.19 | NS308                  | 1-19/64<br>32.9 | 4-5/16<br>109.5 | 1/4<br>6.4  | 2-1/2<br>63.5 | 2-11/16<br>68.3 | 3/4<br>19.1  | 1/2<br>12.7    | 15/16<br>23.8  | 1-3/8<br>34.9 | 1-37/64<br>40.1 | 3-1/2<br>88.9   | 4-1/8<br>104.8 | 5/16<br>7.9  | 25/64<br>9.9  | 29/32<br>23.0  |
| 207    | 1-1/4<br>1-3/8<br>1-7/16<br>35mm | 2.78<br>2.58<br>2.48<br>1.19 | NS308                  | 1-7/16<br>36.5  | 4-1/2<br>114.3  | 1/4<br>6.4  | 2-1/2<br>63.5 | 2-11/16<br>68.3 | 3/4<br>19.1  | 1/2<br>12.7    | 15/16<br>23.8  | 1-3/8<br>34.9 | 1-27/32<br>46.8 | 3-1/2<br>88.9   | 4-1/8<br>104.8 | 5/16<br>7.9  | 13/32<br>10.3 | 1-1/32<br>26.2 |
| 208    | 1-1/2<br>40mm                    | 4.68<br>2.16                 | NS400                  | 1-9/16<br>39.7  | 5-3/8<br>136.5  | 5/16<br>7.9 | 3<br>76.2     | 3-1/4<br>82.6   | 7/8<br>22.2  | 21/32<br>16.7  | 1-5/32<br>29.4 | 1-5/8<br>41.3 | 2-3/64<br>52.0  | 4<br>101.6      | 4-3/4<br>120.7 | 3/8<br>9.5   | 15/32<br>11.9 | 1-3/32<br>27.8 |
| 209    | 1-11/16<br>1-3/4<br>45mm         | 4.78<br>4.68<br>2.20         | NS400                  | 1-19/32<br>40.5 | 5-7/16<br>138.1 | 5/16<br>7.9 | 3<br>76.2     | 3-1/4<br>82.6   | 7/8<br>22.2  | 23/32<br>18.3  | 1-7/32<br>31.0 | 1-5/8<br>41.3 | 2-7/32<br>56.4  | 4<br>101.6      | 4-3/4<br>120.7 | 3/8<br>9.5   | 15/32<br>11.9 | 1-1/8<br>28.6  |
| 210    | 1-15/16<br>2<br>50mm             | 4.88<br>4.78<br>2.25         | NS400                  | 1-5/8<br>41.3   | 5-1/2<br>139.7  | 5/16<br>7.9 | 3<br>76.2     | 3-1/4<br>82.6   | 7/8<br>22.2  | 19/32<br>115.1 | 1-3/32<br>27.8 | 1-5/8<br>41.3 | 2-7/16<br>61.9  | 4<br>101.6      | 4-3/4<br>120.7 | 3/8<br>9.5   | 15/32<br>11.9 | 1-5/32<br>29.4 |
| 211    | 2<br>2-3/16<br>55mm              | 6.78<br>6.58<br>3.13         | NS407                  | 1-23/32<br>43.7 | 6-1/8<br>155.6  | 5/16<br>7.9 | 3-1/2<br>88.9 | 3-5/8<br>92.1   | 1<br>25.4    | 11/16<br>17.5  | 1-9/32<br>32.5 | 1-3/4<br>44.5 | 2-23/32<br>69.1 | 4-7/16<br>112.7 | 5-3/8<br>136.5 | 7/16<br>11.1 | 1/2<br>12.7   | 1-7/32<br>31.0 |

\* + or -.015, + or -.38mm

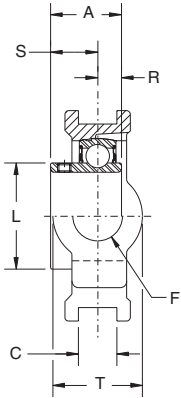
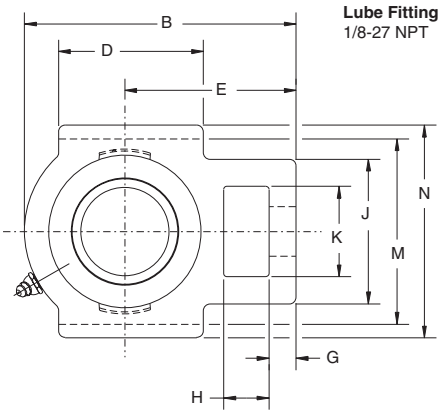
#+.010, -.020" +.25mm, -.50mm

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY WIDE SLOT TAKE-UP BEARINGS



| Series | Shaft Size | Standard      |              | No Lube/Sealed for Life (-NL) |                 |
|--------|------------|---------------|--------------|-------------------------------|-----------------|
|        |            | Part No.      | Description  | Part No.                      | Description     |
| 204    | 1/2        | <b>125343</b> | WSTU-SC-008  | @                             | WSTU-SC-008-NL  |
|        | 5/8        | <b>125344</b> | WSTU-SC-010  | @                             | WSTU-SC-010-NL  |
|        | 3/4        | <b>125010</b> | WSTU-SC-012  | @                             | WSTU-SC-012-NL  |
|        | 20mm       | <b>125910</b> | WSTU-SC-20M  | @                             | WSTU-SC-20M-NL  |
| 205    | 7/8        | <b>125356</b> | WSTU-SC-014  | @                             | WSTU-SC-014-NL  |
|        | 15/16      | <b>125011</b> | WSTU-SC-015  | @                             | WSTU-SC-015-NL  |
|        | 1          | <b>125012</b> | WSTU-SC-100  | @                             | WSTU-SC-100-NL  |
|        | 25mm       | <b>125911</b> | WSTU-SC-25M  | @                             | WSTU-SC-25M-NL  |
| 206    | 1-1/16     | <b>125357</b> | WSTU-SC-101  | @                             | WSTU-SC-101-NL  |
|        | 1-1/8      | <b>125358</b> | WSTU-SC-102  | @                             | WSTU-SC-102-NL  |
|        | 1-3/16     | <b>125113</b> | WSTU-SC-103  | @                             | WSTU-SC-103-NL  |
|        | 1-1/4      | <b>123175</b> | WSTU-SC-104S | @                             | WSTU-SC-104S-NL |
|        | 30mm       | <b>125912</b> | WSTU-SC-30M  | @                             | WSTU-SC-30M-NL  |
| 207    | 1-1/4      | <b>125360</b> | WSTU-SC-104  | @                             | WSTU-SC-104-NL  |
|        | 1-5/16     | <b>125359</b> | WSTU-SC-105  | @                             | WSTU-SC-105-NL  |
|        | 1-3/8      | <b>125361</b> | WSTU-SC-106  | @                             | WSTU-SC-106-NL  |
|        | 1-7/16     | <b>125114</b> | WSTU-SC-107  | <b>050846</b>                 | WSTU-SC-107-NL  |
|        | 35mm       | <b>125913</b> | WSTU-SC-35M  | @                             | WSTU-SC-35M-NL  |
| 208    | 1-1/2      | <b>125120</b> | WSTU-SC-108  | <b>049829</b>                 | WSTU-SC-108-NL  |
|        | 1-5/8      | <b>125355</b> | WSTU-SC-110  | @                             | WSTU-SC-110-NL  |
|        | 40mm       | <b>125914</b> | WSTU-SC-40M  | @                             | WSTU-SC-40M-NL  |

@ Assembled to order

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY WIDE SLOT TAKE-UP BEARINGS

| Series | Shaft Size | Weight lbs kg | Take-Up Frame Size | A       | B       | C*    | D     | E      | F Screw Dia. | G    |
|--------|------------|---------------|--------------------|---------|---------|-------|-------|--------|--------------|------|
| 204    | 1/2        | 2.1           | WS300              | 1-5/32  | 3-11/16 | 17/32 | 2     | 2-3/8  | 5/8          | 3/8  |
|        | 5/8        | 2.0           |                    |         |         |       |       |        |              |      |
|        | 3/4        | 1.9           |                    |         |         |       |       |        |              |      |
|        | 20mm       | 0.9           |                    | 29.4    | 93.7    | 13.5  | 50.8  | 60.3   | 15.9         | 9.5  |
| 205    | 7/8        | 2.2           | WS300              | 1-3/16  | 3-13/16 | 17/32 | 2     | 2-7/16 | 5/8          | 3/8  |
|        | 15/16      | 2.1           |                    |         |         |       |       |        |              |      |
|        | 1          | 2.0           |                    |         |         |       |       |        |              |      |
|        | 25mm       | 1.0           |                    | 30.2    | 96.8    | 13.5  | 50.8  | 61.9   | 15.9         | 9.5  |
| 206    | 1-1/16     | 3.1           | WS308              | 1-25/64 | 4-3/8   | 17/32 | 2-1/4 | 2-3/4  | 3/4          | 3/8  |
|        | 1-1/8      | 3.0           |                    |         |         |       |       |        |              |      |
|        | 1-3/16     | 2.9           |                    |         |         |       |       |        |              |      |
|        | 1-1/4      | 2.8           |                    |         |         |       |       |        |              |      |
| 207    | 30mm       | 1.3           |                    | 35.3    | 111.1   | 13.5  | 57.2  | 69.9   | 19.1         | 9.5  |
|        | 1-1/4      | 3.8           | WS308              | 1-17/32 | 4-7/8   | 17/32 | 2-1/2 | 3-1/16 | 3/4          | 1/2  |
|        | 1-5/16     | 3.7           |                    |         |         |       |       |        |              |      |
|        | 1-3/8      | 3.6           |                    |         |         |       |       |        |              |      |
| 208    | 1-7/16     | 3.5           |                    |         |         |       |       |        |              |      |
|        | 35mm       | 1.6           |                    | 38.9    | 123.8   | 13.5  | 63.5  | 77.8   | 19.1         | 12.7 |
|        | 1-1/2      | 6.1           | WS400              | 1-11/16 | 5-11/16 | 11/16 | 3-1/4 | 3-1/2  | 1            | 5/8  |
|        | 1-5/8      | 6.0           |                    |         |         |       |       |        |              |      |
|        | 40mm       | 2.8           |                    | 42.9    | 144.5   | 17.5  | 82.6  | 88.9   | 25.4         | 15.9 |

| Series | Shaft Size | H    | J      | K       | L       | M#    | N     | R     | S      | T       |
|--------|------------|------|--------|---------|---------|-------|-------|-------|--------|---------|
| 204    | 1/2        | 5/8  | 2      | 1-1/4   | 1-1/8   | 3     | 3-5/8 | 27/64 | 47/64  | 1-3/8   |
|        | 5/8        |      |        |         |         |       |       |       |        |         |
|        | 3/4        |      |        |         |         |       |       |       |        |         |
|        | 20mm       | 15.9 | 50.8   | 31.8    | 28.6    | 76.2  | 92.1  | 10.7  | 18.7   | 34.9    |
| 205    | 7/8        | 5/8  | 2      | 1-5/16  | 1-21/64 | 3     | 3-5/8 | 27/64 | 49/64  | 1-3/8   |
|        | 15/16      |      |        |         |         |       |       |       |        |         |
|        | 1          |      |        |         |         |       |       |       |        |         |
|        | 25mm       | 15.9 | 50.8   | 33.3    | 33.7    | 76.2  | 92.1  | 10.7  | 19.4   | 34.9    |
| 206    | 1-1/16     | 5/8  | 2-3/16 | 1-7/16  | 1-37/64 | 3-1/2 | 4-1/8 | 31/64 | 29/32  | 1-5/8   |
|        | 1-1/8      |      |        |         |         |       |       |       |        |         |
|        | 1-3/16     |      |        |         |         |       |       |       |        |         |
|        | 1-1/4      |      |        |         |         |       |       |       |        |         |
| 207    | 30mm       | 15.9 | 55.6   | 36.5    | 40.1    | 88.9  | 104.8 | 12.3  | 23.0   | 41.3    |
|        | 1-1/4      | 5/8  | 2-1/2  | 1-7/16  | 1-27/32 | 3-1/2 | 4-1/8 | 1/2   | 1-1/32 | 1-5/8   |
|        | 1-5/16     |      |        |         |         |       |       |       |        |         |
|        | 1-3/8      |      |        |         |         |       |       |       |        |         |
| 208    | 1-7/16     |      |        |         |         |       |       |       |        |         |
|        | 35mm       | 15.9 | 63.5   | 36.5    | 46.8    | 88.9  | 104.8 | 12.7  | 26.2   | 41.3    |
|        | 1-1/2      | 3/4  | 3-1/4  | 1-15/16 | 2-3/64  | 4     | 4-1/2 | 19/32 | 1-3/32 | 1-15/16 |
|        | 1-5/8      |      |        |         |         |       |       |       |        |         |
| 208    | 40mm       | 19.1 | 82.6   | 49.2    | 52.0    | 101.6 | 114.3 | 15.1  | 27.8   | 49.2    |

\*+ or -.015", + or -.38mm

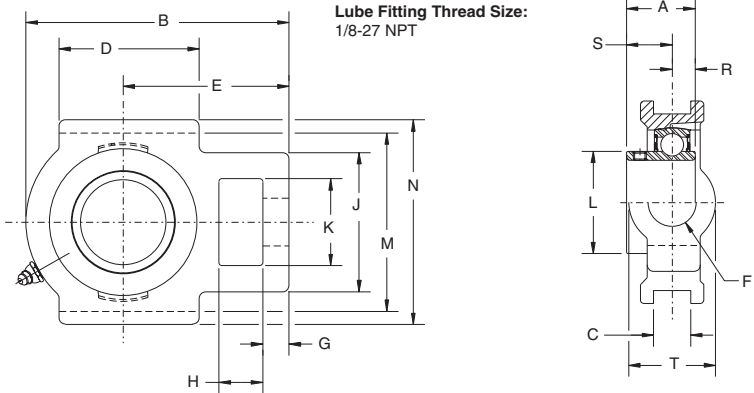
#+.010, -.020" +.25mm, -.50mm

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY WIDE SLOT TAKE-UP BEARINGS



| Series | Shaft Size | Standard      |              | No Lube/Sealed for Life (-NL) |                 |
|--------|------------|---------------|--------------|-------------------------------|-----------------|
|        |            | Part No.      | Description  | Part No.                      | Description     |
| 209    | 1-5/8      | <b>125151</b> | WSTU-SC-110L | @                             | WSTU-SC-110L-NL |
|        | 1-11/16    | <b>125115</b> | WSTU-SC-111  | @                             | WSTU-SC-111-NL  |
|        | 1-3/4      | <b>125362</b> | WSTU-SC-112  | @                             | WSTU-SC-112-NL  |
|        | 1-13/16    | <b>125121</b> | WSTU-SC-113  | @                             | WSTU-SC-113-NL  |
|        | 45mm       | <b>125915</b> | WSTU-SC-45M  | @                             | WSTU-SC-45M-NL  |
| 210    | 1-15/16    | <b>125116</b> | WSTU-SC-115  | <b>125071</b>                 | WSTU-SC-115-NL  |
|        | 2          | <b>125363</b> | WSTU-SC-200  | <b>058705</b>                 | WSTU-SC-200-NL  |
|        | 50mm       | <b>125916</b> | WSTU-SC-50M  | @                             | WSTU-SC-50M-NL  |
| 211    | 2          | <b>135183</b> | WSTU-SCM-200 | @                             | WSTU-SCM-200-NL |
|        | 2-3/16     | <b>125117</b> | WSTU-SC-203  | @                             | WSTU-SC-203-NL  |
|        | 2-1/4      | <b>125364</b> | WSTU-SC-204  | @                             | WSTU-SC-204-NL  |
|        | 55mm       | <b>125917</b> | WSTU-SC-55M  | @                             | WSTU-SC-55M-NL  |
| 212    | 2-1/4      | <b>135184</b> | WSTU-SCM-204 | @                             | WSTU-SCM-204-NL |
|        | 2-7/16     | <b>125118</b> | WSTU-SC-207  | @                             | WSTU-SC-207-NL  |
|        | 60mm       | <b>125918</b> | WSTU-SC-60M  | @                             | WSTU-SC-60M-NL  |
| 214    | 2-1/2      | <b>135185</b> | WSTU-SCM-208 | @                             | WSTU-SCM-208-NL |
|        | 2-11/16    | <b>064704</b> | WSTU-SC-211  | @                             | WSTU-SC-211-NL  |
|        | 70mm       | <b>062975</b> | WSTU-SC-70M  | @                             | WSTU-SC-70M-NL  |
| 215    | 2-15/16    | <b>125119</b> | WSTU-SC-215  | @                             | WSTU-SC-215-NL  |
|        | 75mm       | <b>125919</b> | WSTU-SC-75M  | @                             | WSTU-SC-75M-NL  |

@ Assembled to order

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY WIDE SLOT TAKE-UP BEARINGS

| Series | Shaft Size | Weight<br>lbs<br>kg | Take-Up<br>Frame<br>Size | A       | B       | C*     | D     | E       | F<br>Screw<br>Dia. | G     |
|--------|------------|---------------------|--------------------------|---------|---------|--------|-------|---------|--------------------|-------|
| 209    | 1-5/8      | 6.1                 | WS400                    | 1-23/32 | 5-5/8   | 11/16  | 3-1/4 | 3-7/16  | 1                  | 5/8   |
|        | 1-11/16    | 6.0                 |                          |         |         |        |       |         |                    |       |
|        | 1-3/4      | 5.9                 |                          |         |         |        |       |         |                    |       |
|        | 1-13/16    | 5.8                 |                          |         |         |        |       |         |                    |       |
|        | 45mm       | 2.7                 |                          | 43.7    | 142.9   | 17.5   | 82.6  | 87.3    | 25.4               | 15.9  |
| 210    | 1-15/16    | 6.4                 | WS400                    | 1-3/4   | 5-13/16 | 11/16  | 3-3/8 | 3-9/16  | 1                  | 5/8   |
|        | 2          | 6.2                 |                          |         |         |        |       |         |                    |       |
|        | 50mm       | 2.9                 |                          | 44.5    | 147.6   | 17.5   | 85.7  | 90.5    | 25.4               | 15.9  |
| 211    | 2          | 10.1                | WS502                    | 1-27/32 | 6-11/16 | 1-1/16 | 3-3/4 | 4-3/16  | 1-1/4              | 3/4   |
|        | 2-3/16     | 10.0                |                          |         |         |        |       |         |                    |       |
|        | 2-1/4      | 9.8                 |                          |         |         |        |       |         |                    |       |
|        | 55mm       | 4.5                 |                          | 46.8    | 169.9   | 27.0   | 95.3  | 106.4   | 31.8               | 19.1  |
| 212    | 2-1/4      | 11.2                | WS502                    | 1-63/64 | 7-1/2   | 1-1/16 | 4     | 4-11/16 | 1-1/4              | 3/4   |
|        | 2-7/16     | 10.8                |                          |         |         |        |       |         |                    |       |
|        | 60mm       | 4.9                 |                          | 50.4    | 190.5   | 27.0   | 101.6 | 119.1   | 31.8               | 19.1  |
| 214    | 2-1/2      | 18.0                | WS515                    | 2-15/64 | 8-9/16  | 1-1/16 | 4-3/4 | 5-3/8   | 1-1/2              | 13/16 |
|        | 2-11/16    | 17.8                |                          |         |         |        |       |         |                    |       |
|        | 70mm       | 8.0                 |                          | 56.8    | 217.5   | 27.0   | 120.7 | 136.5   | 38.1               | 20.6  |
| 215    | 2-15/16    | 18.9                | WS515                    | 2-9/32  | 9-1/8   | 1-1/16 | 4-3/4 | 5-1/2   | 1-1/2              | 13/16 |
|        | 75mm       | 8.6                 |                          | 57.9    | 231.8   | 27.0   | 120.7 | 139.7   | 38.1               | 20.6  |

| Series | Shaft Size | H     | J     | K       | L       | M#      | N       | R     | S       | T       |
|--------|------------|-------|-------|---------|---------|---------|---------|-------|---------|---------|
| 209    | 1-5/8      | 3/4   | 3-1/4 | 1-15/16 | 2-7/32  | 4       | 4-3/4   | 19/32 | 1-1/8   | 1-15/16 |
|        | 1-11/16    |       |       |         |         |         |         |       |         |         |
|        | 1-3/4      |       |       |         |         |         |         |       |         |         |
|        | 1-13/16    |       |       |         |         |         |         |       |         |         |
|        | 45mm       | 19.1  | 82.6  | 49.2    | 56.4    | 101.6   | 120.7   | 15.1  | 28.6    | 49.2    |
| 210    | 1-15/16    | 3/4   | 3-1/4 | 1-15/16 | 2-7/16  | 4       | 4-3/4   | 19/32 | 1-5/32  | 1-15/16 |
|        | 2          |       |       |         |         |         |         |       |         |         |
| 211    | 50mm       | 19.1  | 82.6  | 49.2    | 61.9    | 101.6   | 120.7   | 15.1  | 29.4    | 49.2    |
|        | 2          | 1     | 4     | 2-1/2   | 2-23/32 | 5-1/8   | 5-7/8   | 5/8   | 1-7/32  | 2-1/2   |
|        | 2-3/16     |       |       |         |         |         |         |       |         |         |
|        | 2-1/4      |       |       |         |         |         |         |       |         |         |
| 212    | 55mm       | 25.4  | 101.6 | 63.5    | 69.1    | 130.2   | 149.2   | 15.9  | 31.0    | 63.5    |
|        | 2-1/4      | 1-1/4 | 4     | 2-1/2   | 2-31/32 | 5-1/8   | 5-7/8   | 43/64 | 1-5/16  | 2-1/2   |
|        | 2-7/16     |       |       |         |         |         |         |       |         |         |
| 214    | 60mm       | 31.8  | 101.6 | 63.5    | 75.4    | 130.2   | 149.2   | 17.1  | 33.3    | 63.5    |
|        | 2-1/2      | 1-1/4 | 4-3/8 | 2-3/4   | 3-5/16  | 5-15/16 | 6-9/16  | 51/64 | 1-7/16  | 2-3/4   |
|        | 2-11/16    |       |       |         |         |         |         |       |         |         |
| 215    | 70mm       | 31.8  | 111.1 | 69.9    | 84.1    | 150.8   | 166.7   | 20.2  | 36.5    | 69.9    |
|        | 2-15/16    | 1-1/4 | 4-3/8 | 2-3/4   | 3-5/8   | 5-15/16 | 6-11/16 | 13/16 | 1-15/32 | 2-3/4   |
|        | 75mm       | 31.8  | 111.1 | 69.9    | 92.1    | 150.8   | 169.9   | 20.6  | 37.3    | 69.9    |

\*+ or -.015", + or -.38mm

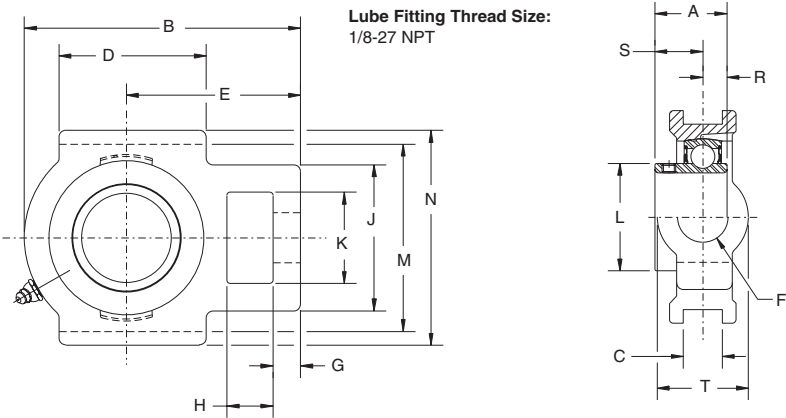
#+.010, -.020" +.25mm, -.50mm

|                                |                           |                        |                                         |
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SELECTION/DIMENSIONS



Setscrew Ball Bearings  
SCM MEDIUM DUTY WIDE SLOT TAKE-UP BEARINGS



| Series | Shaft Size | Part No.      | Description  |
|--------|------------|---------------|--------------|
| 206    | 1          | <b>135117</b> | WSTU-SCM-100 |
|        | 25mm       | <b>125989</b> | WSTU-SCM-25M |
| 207    | 1-3/16     | <b>135118</b> | WSTU-SCM-103 |
|        | 1-1/4      | <b>125360</b> | WSTU-SC-104  |
|        | 30mm       | <b>125990</b> | WSTU-SCM-30M |
| 208    | 1-7/16     | <b>135116</b> | WSTU-SCM-107 |
|        | 35mm       | <b>125991</b> | WSTU-SCM-35M |
| 209    | 1-1/2      | <b>135120</b> | WSTU-SCM-108 |
|        | 40mm       | <b>125992</b> | WSTU-SCM-40M |
| 210    | 1-11/16    | <b>135121</b> | WSTU-SCM-111 |
|        | 1-3/4      | <b>135182</b> | WSTU-SCM-112 |
|        | 45mm       | <b>125993</b> | WSTU-SCM-45M |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCM MEDIUM DUTY WIDE SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size               | Weight lbs.<br>kgs. | Take-Up Frame No. Ref. | A               | B                | C*            | D             | E              | F Screw Dia. | G           |
|--------|--------------------------|---------------------|------------------------|-----------------|------------------|---------------|---------------|----------------|--------------|-------------|
| 206    | 1<br>25mm                | 2.9<br>1.4          | WS308                  | 1-25/64<br>35.3 | 4-3/8<br>111.1   | 17/32<br>13.5 | 2-1/4<br>57.2 | 2-3/4<br>69.9  | 3/4<br>19.1  | 3/8<br>9.5  |
| 207    | 1-3/16<br>1-1/4<br>30mm  | 3.9<br>3.8<br>1.7   | WS308                  | 1-17/32<br>38.9 | 4-7/8<br>123.8   | 17/32<br>13.5 | 2-1/2<br>63.5 | 3-1/16<br>77.8 | 3/4<br>19.1  | 1/2<br>12.7 |
| 208    | 1-7/16<br>35mm           | 6.1<br>2.9          | WS400                  | 1-11/16<br>42.9 | 5-11/16<br>144.5 | 11/16<br>17.5 | 3-1/4<br>82.6 | 3-1/2<br>88.9  | 1<br>25.40   | 5/8<br>15.9 |
| 209    | 1-1/2<br>40mm            | 6.0<br>2.8          | WS400                  | 1-23/32<br>43.7 | 5-5/8<br>142.9   | 11/16<br>17.5 | 3-1/4<br>82.6 | 3-7/16<br>87.3 | 1<br>25.40   | 5/8<br>15.9 |
| 210    | 1-11/16<br>1-3/4<br>45mm | 6.5<br>6.4<br>3.0   | WS400                  | 1-3/4<br>44.5   | 5-13/16<br>147.6 | 11/16<br>17.5 | 3-3/8<br>85.7 | 3-9/16<br>90.5 | 1<br>25.40   | 5/8<br>15.9 |

| Series | Shaft Size               | H           | J              | K               | L               | M#            | N              | R             | S              | T               |
|--------|--------------------------|-------------|----------------|-----------------|-----------------|---------------|----------------|---------------|----------------|-----------------|
| 206    | 1<br>25mm                | 5/8<br>15.9 | 2-3/16<br>55.6 | 1-7/16<br>36.5  | 1-37/64<br>40.1 | 3-1/2<br>88.9 | 4-1/8<br>104.8 | 31/64<br>12.3 | 29/32<br>23.0  | 1-5/8<br>41.3   |
| 207    | 1-3/16<br>1-1/4<br>30mm  | 5/8<br>15.9 | 2-1/2<br>63.5  | 1-7/16<br>36.5  | 1-27/32<br>46.8 | 3-1/2<br>88.9 | 4-1/8<br>104.8 | 1/2<br>12.7   | 1-1/32<br>26.2 | 1-5/8<br>41.3   |
| 208    | 1-7/16<br>35mm           | 3/4<br>19.1 | 3-1/4<br>82.6  | 1-15/16<br>49.2 | 2-3/64<br>52.0  | 4<br>101.6    | 4-1/2<br>114.3 | 19/32<br>15.1 | 1-3/32<br>27.8 | 1-15/16<br>49.2 |
| 209    | 1-1/2<br>40mm            | 3/4<br>19.1 | 3-1/4<br>82.6  | 1-15/16<br>49.2 | 2-7/32<br>56.4  | 4<br>101.6    | 4-3/4<br>120.7 | 19/32<br>15.1 | 1-1/8<br>28.6  | 1-15/16<br>49.2 |
| 210    | 1-11/16<br>1-3/4<br>45mm | 3/4<br>19.1 | 3-1/4<br>82.6  | 1-15/16<br>49.2 | 2-7/16<br>61.9  | 4<br>101.6    | 4-3/41<br>20.7 | 19/32<br>15.1 | 1-5/32<br>29.4 | 1-15/16<br>49.2 |

\*+ or -.015, + or -.38mm

#+.010, -.020" +.25mm, -.50mm

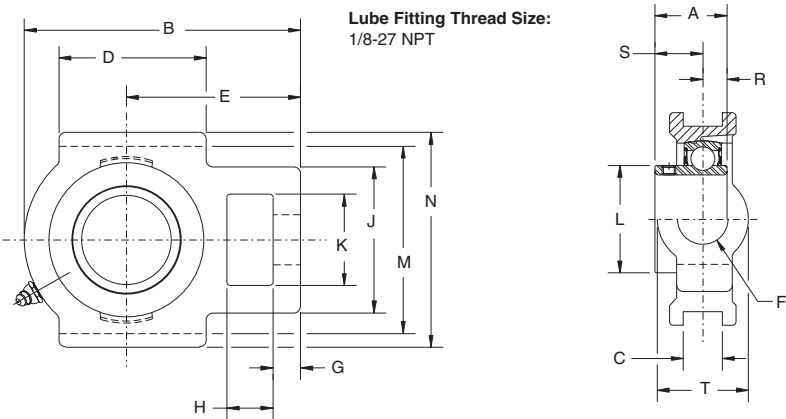
|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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SELECTION/DIMENSIONS



Setscrew Ball Bearings  
SCM MEDIUM DUTY WIDE SLOT TAKE-UP BEARINGS



| Series | Shaft Size | Part No.      | Description  |
|--------|------------|---------------|--------------|
| 211    | 1-15/16    | <b>135123</b> | WSTU-SCM-115 |
|        | 2          | <b>135183</b> | WSTU-SCM-200 |
|        | 50mm       | <b>125994</b> | WSTU-SCM-50M |
| 212    | 2-3/16     | <b>135125</b> | WSTU-SCM-203 |
|        | 2-1/4      | <b>135184</b> | WSTU-SCM-204 |
|        | 55mm       | <b>125995</b> | WSTU-SCM-55M |
| 214    | 2-7/16     | <b>135127</b> | WSTU-SCM-207 |
|        | 2-1/2      | <b>135185</b> | WSTU-SCM-208 |
|        | 65mm       | <b>125996</b> | WSTU-SCM-65M |
| 215    | 2-11/16    | <b>135129</b> | WSTU-SCM-211 |
|        | 70mm       | <b>125997</b> | WSTU-SCM-70M |
| 216    | 2-15/16    | <b>135130</b> | WSTU-SCM-215 |
|        | 3          | <b>135181</b> | WSTU-SCM-300 |
|        | 75mm       | <b>125998</b> | WSTU-SCM-75M |

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCM MEDIUM DUTY WIDE SLOT TAKE-UP BEARINGS

| Series | Shaft Size | Weight lbs.<br>kgs. | Take-Up Frame No. Ref. | A       | B       | C*     | D      | E       | F Screw Dia. | G     |
|--------|------------|---------------------|------------------------|---------|---------|--------|--------|---------|--------------|-------|
| 211    | 1-15/16    | 10.1                | WS502                  | 1-27/32 | 6-11/16 | 1-1/16 | 3-3/4  | 4-3/16  | 1-1/4        | 3/4   |
|        | 2          | 10.2                |                        |         |         |        |        |         |              |       |
|        | 50mm       | 4.7                 |                        | 46.8    | 159.9   | 27.0   | 95.3   | 106.4   | 31.8         | 19.1  |
| 212    | 2-3/16     | 11.4                | WS502                  | 1-63/64 | 7-1/2   | 1-1/16 | 4      | 4-11/16 | 1-1/4        | 3/4   |
|        | 2-1/4      | 11.2                |                        |         |         |        |        |         |              |       |
|        | 55mm       | 5.1                 |                        | 50.4    | 190.5   | 27.0   | 101.60 | 119.1   | 31.8         | 19.1  |
| 214    | 2-7/16     | 18.2                | WS515                  | 2-15/64 | 8-9/16  | 1-1/16 | 4-3/4  | 5-3/8   | 1-1/2        | 13/16 |
|        | 2-1/2      | 18.0                |                        |         |         |        |        |         |              |       |
|        | 65mm       | 8.1                 |                        | 56.8    | 217.5   | 27.0   | 120.7  | 136.5   | 38.1         | 20.6  |
| 215    | 2-11/16    | 19.0                | WS515                  | 2-9/32  | 9-1/8   | 1-1/16 | 4-3/4  | 5-1/2   | 1-1/2        | 13/16 |
|        | 70mm       | 8.9                 |                        | 57.9    | 231.8   | 27.0   | 120.7  | 139.7   | 38.1         | 20.6  |
|        |            |                     |                        |         |         |        |        |         |              |       |
| 216    | 2-15/16    | 21.7                | WS608                  | 2-11/64 | 9-1/8   | 1-1/16 | 4-3/4  | 5-1/2   | 1-1/2        | 13/16 |
|        | 3          | 21.5                |                        |         |         |        |        |         |              |       |
|        | 75mm       | 9.5                 |                        | 55.2    | 231.8   | 27.0   | 120.7  | 139.7   | 38.1         | 20.6  |

| Series | Shaft Size | H     | J      | K     | L       | M#      | N       | R     | S       | T     |
|--------|------------|-------|--------|-------|---------|---------|---------|-------|---------|-------|
| 211    | 1-15/16    | 1     | 4      | 2-1/2 | 2-23/32 | 5-1/8   | 5-7/8   | 5/8   | 1-7/32  | 2-1/2 |
|        | 2          |       |        |       |         |         |         |       |         |       |
|        | 50mm       | 25.4  | 101.6  | 63.5  | 69.1    | 130.2   | 149.2   | 15.9  | 31.0    | 63.5  |
| 212    | 2-3/16     | 1-1/4 | 4      | 2-1/2 | 2-31/32 | 5-1/8   | 5-7/8   | 43/64 | 1-5/16  | 2-1/2 |
|        | 2-1/4      |       |        |       |         |         |         |       |         |       |
|        | 55mm       | 31.8  | 101.60 | 63.5  | 75.4    | 130.2   | 149.2   | 17.1  | 33.3    | 63.5  |
| 214    | 2-7/16     | 1-1/4 | 4-3/8  | 2-3/4 | 3-5/16  | 5-15/16 | 6-9/16  | 51/64 | 1-7/16  | 2-3/4 |
|        | 2-1/2      |       |        |       |         |         |         |       |         |       |
|        | 65mm       | 31.8  | 111.1  | 69.9  | 84.1    | 150.8   | 166.7   | 20.2  | 36.5    | 69.9  |
| 215    | 2-11/16    | 1-1/4 | 4-3/8  | 2-3/4 | 3-5/8   | 5-15/16 | 6-11/16 | 13/16 | 1-15/32 | 2-3/4 |
|        | 70mm       | 31.8  | 111.1  | 69.9  | 92.1    | 150.8   | 169.9   | 20.6  | 37.3    | 69.9  |
|        |            |       |        |       |         |         |         |       |         |       |
| 216    | 2-15/16    | 1-1/4 | 4-3/8  | 2-3/4 | 3-53/64 | 6-1/2   | 7-1/4   | 43/64 | 1-1/23  | 2-3/4 |
|        | 3          |       |        |       |         |         |         |       |         |       |
|        | 75mm       | 31.8  | 111.1  | 69.9  | 97.2    | 165.1   | 184.2   | 17.1  | 8.1     | 69.9  |

\*+ or -.015, + or -.38mm

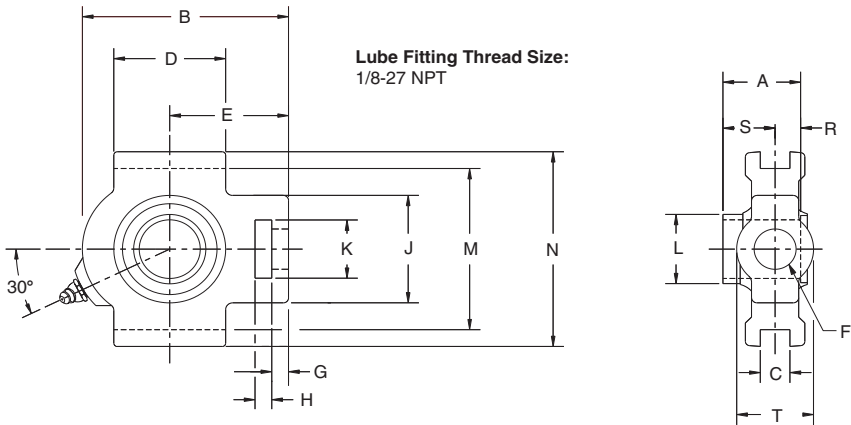
#+.010, -.020" +.25mm, -.50mm

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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SELECTION/DIMENSIONS



Setscrew Ball Bearings  
VSC INTERMEDIATE DUTY WIDE SLOT TAKE-UP BEARINGS



| Series | Shaft Size | Part No.      | Description   |
|--------|------------|---------------|---------------|
| 204    | 3/4        | <b>125549</b> | WSTU-VSC-012  |
|        | 20mm       | @             | WSTU-VSC-20M  |
| 205    | 7/8        | <b>125550</b> | WSTU-VSC-014  |
|        | 15/16      | <b>125551</b> | WSTU-VSC-015  |
|        | 1          | <b>125552</b> | WSTU-VSC-100  |
|        | 25mm       | @             | WSTU-VSC-25M  |
| 206    | 1-1/8      | <b>125553</b> | WSTU-VSC-102  |
|        | 1-3/16     | <b>125554</b> | WSTU-VSC-103  |
|        | 1-1/4      | <b>125556</b> | WSTU-VSC-104S |
|        | 30mm       | @             | WSTU-VSC-30M  |
| 207    | 1-1/4      | <b>125555</b> | WSTU-VSC-104  |
|        | 1-3/8      | <b>125557</b> | WSTU-VSC-106  |
|        | 1-7/16     | <b>125558</b> | WSTU-VSC-107  |
|        | 35mm       | @             | WSTU-VSC-35M  |

@ Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|

# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### VSC INTERMEDIATE DUTY WIDE SLOT TAKE-UP BEARINGS

| Series | Shaft Size                       | Weight lbs. kg.           | Take-Up Frame No. Ref. | A              | B               | C*            | D         | E             | F Screw Dia. | G          |
|--------|----------------------------------|---------------------------|------------------------|----------------|-----------------|---------------|-----------|---------------|--------------|------------|
| 204    | 3/4<br>20mm                      | 1.9<br>0.87               | WS300                  | 1-1/16<br>27.0 | 3-11/16<br>93.7 | 17/32<br>13.5 | 2<br>50.8 | 2-3/8<br>60.3 | 5/8<br>15.9  | 3/8<br>9.5 |
| 205    | 7/8<br>15/16<br>1<br>25mm        | 2.2<br>2.1<br>2.0<br>0.96 | WS300                  | 1-3/32         | 3-13/16         | 17/32         | 2         | 2-7/16        | 5/8          | 3/8        |
| 206    | 1-1/8<br>1-3/16<br>1-1/4<br>30mm | 3.0<br>2.9<br>2.8<br>1.33 | WS308                  | 1-19/64        | 4-3/8           | 17/32         | 2-1/4     | 2-3/4         | 3/4          | 3/8        |
| 207    | 1-1/4<br>1-3/8<br>1-7/16<br>35mm | 3.8<br>3.6<br>3.5<br>1.65 | WS308                  | 1-7/16         | 4-7/8           | 17/32         | 2-1/2     | 3-1/16        | 3/4          | 1/2        |

| Series | Shaft Size                       | H           | J              | K              | L               | M#            | N              | R           | S             | T             |
|--------|----------------------------------|-------------|----------------|----------------|-----------------|---------------|----------------|-------------|---------------|---------------|
| 204    | 3/4<br>20mm                      | 5/8<br>15.9 | 2<br>50.8      | 1-1/4<br>31.8  | 1-1/8<br>28.6   | 3<br>76.2     | 3-5/8<br>92.1  | 5/16<br>7.9 | 21/64<br>8.3  | 1-3/8<br>34.9 |
| 205    | 7/8<br>15/16<br>1<br>25mm        | 5/8<br>15.9 | 2<br>50.8      | 1-5/16<br>33.3 | 1-21/64<br>33.7 | 3<br>76.2     | 3-5/8<br>92.1  | 5/16<br>7.9 | 21/64<br>8.3  | 1-3/8<br>34.9 |
| 206    | 1-1/8<br>1-3/16<br>1-1/4<br>30mm | 5/8<br>15.9 | 2-3/16<br>55.6 | 1-7/16<br>36.5 | 1-37/64<br>40.1 | 3-1/2<br>88.9 | 4-1/8<br>104.8 | 5/16<br>7.9 | 25/64<br>9.9  | 1-5/8<br>41.3 |
| 207    | 1-1/4<br>1-3/8<br>1-7/16<br>35mm | 5/8<br>15.9 | 2-1/2<br>63.5  | 1-7/16<br>36.5 | 1-27/32<br>46.8 | 3-1/2<br>88.9 | 4-1/8<br>104.8 | 5/16<br>7.9 | 13/32<br>10.3 | 1-5/8<br>41.3 |

\*+ or.015", + or -.38mm

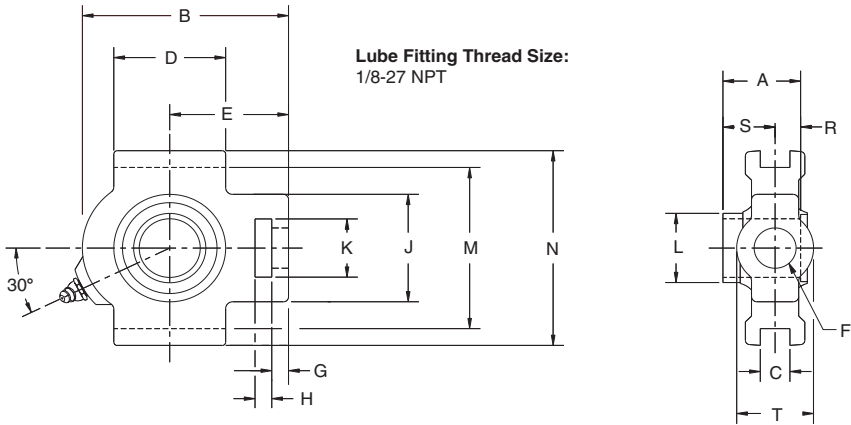
# +.010, -.020" +.25, -.50mm

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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SELECTION/DIMENSIONS



Setscrew Ball Bearings  
VSC INTERMEDIATE DUTY WIDE SLOT TAKE-UP BEARINGS



| Series | Shaft Size               | Part No.                            | Description                                   |
|--------|--------------------------|-------------------------------------|-----------------------------------------------|
| 208    | 1-1/2<br>40mm            | <b>125559</b><br>@                  | WSTU-VSC-108<br>WSTU-VSC-40M                  |
| 209    | 1-11/16<br>1-3/4<br>45mm | <b>125560</b><br><b>125561</b><br>@ | WSTU-VSC-111<br>WSTU-VSC-112<br>WSTU-VSC-45M  |
| 210    | 1-15/16<br>2<br>50mm     | <b>125562</b><br><b>125563</b><br>@ | WSTU-VSC-115<br>WSTU-VSC-200<br>WSTU-VSC-50M  |
| 211    | 2<br>2-3/16<br>55mm      | <b>125564</b><br><b>125565</b><br>@ | WSTU-VSC-200L<br>WSTU-VSC-203<br>WSTU-VSC-55M |

@ Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### VSC INTERMEDIATE DUTY WIDE SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size               | Weight lbs. kg.      | Take-Up Frame No. Ref. | A               | B                | C*             | D             | E               | F Screw Dia.  | G           |
|--------|--------------------------|----------------------|------------------------|-----------------|------------------|----------------|---------------|-----------------|---------------|-------------|
| 208    | 1-1/2<br>40mm            | 6.1<br>2.80          | WS400                  | 1-9/16<br>39.7  | 5-11/16<br>144.5 | 11/16<br>17.5  | 3-1/4<br>82.6 | 3-1/2<br>88.9   | 1<br>25.4     | 5/8<br>15.9 |
| 209    | 1-11/16<br>1-3/4<br>45mm | 6.0<br>5.9<br>2.76   | WS400                  | 1-19/32<br>40.5 | 5-5/8<br>142.9   | 11/16<br>17.5  | 3-1/4<br>82.6 | 3-7/16<br>87.3  | 1<br>25.4     | 5/8<br>15.9 |
| 210    | 1-15/16<br>2<br>50mm     | 6.4<br>6.2<br>2.94   | WS400                  | 1-5/8<br>41.3   | 5-13/16<br>147.6 | 11/16<br>17.5  | 3-3/8<br>85.7 | 3-9/16<br>90.5  | 1<br>25.4     | 5/8<br>15.9 |
| 211    | 2<br>2-3/16<br>55mm      | 10.1<br>10.0<br>4.65 | WS502                  | 1-23/32<br>43.7 | 6-11/16<br>169.9 | 1-1/16<br>27.0 | 3-3/4<br>95.3 | 4-3/16<br>106.4 | 1-1/4<br>31.8 | 3/4<br>19.1 |

| Series | Shaft Size               | H           | J             | K               | L               | M#             | N              | R            | S             | T               |
|--------|--------------------------|-------------|---------------|-----------------|-----------------|----------------|----------------|--------------|---------------|-----------------|
| 208    | 1-1/2<br>40mm            | 3/4<br>19.1 | 3-1/4<br>82.6 | 1-15/16<br>49.2 | 2-3/64<br>52.0  | 4<br>101.6     | 4-1/2<br>114.3 | 3/8<br>9.5   | 15/32<br>11.9 | 1-15/16<br>49.2 |
| 209    | 1-11/16<br>1-3/4<br>45mm | 3/4<br>19.1 | 3-1/4<br>82.6 | 1-15/16<br>49.2 | 2-7/32<br>56.4  | 4<br>101.6     | 4-3/4<br>120.7 | 3/8<br>9.5   | 15/32<br>11.9 | 1-15/16<br>49.2 |
| 210    | 1-15/16<br>2<br>50mm     | 3/4<br>19.1 | 3-1/4<br>82.6 | 1-15/16<br>49.2 | 2-7/16<br>61.9  | 4<br>101.6     | 4-3/4<br>120.7 | 3/8<br>9.5   | 15/32<br>11.9 | 1-15/16<br>49.2 |
| 211    | 2<br>2-3/16<br>55mm      | 1<br>25.4   | 4<br>101.6    | 2-1/2<br>63.5   | 2-23/32<br>69.1 | 5-1/8<br>130.2 | 5-7/8<br>149.2 | 7/16<br>11.1 | 1/2<br>12.7   | 2-1/2<br>63.5   |

\*+ or .015", + or -.38mm

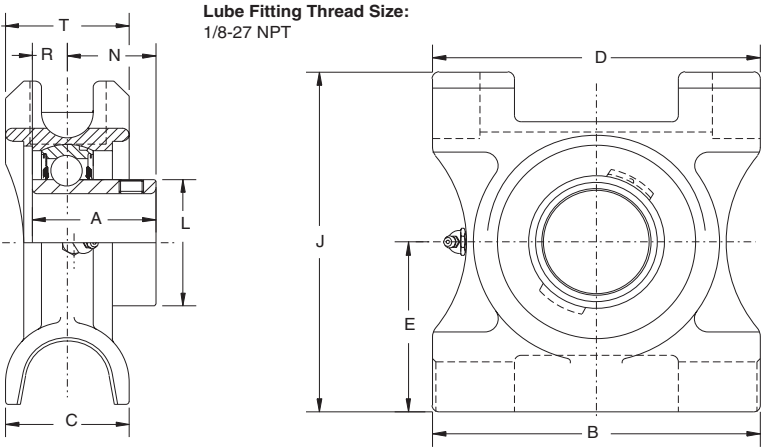
# +.010, -.020" +.25, -.50mm

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|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|

# SELECTION/DIMENSIONS



## Setscrew Ball Bearings TYPE G NORMAL DUTY TOP ANGLE TAKE-UP BEARINGS



| Series | Shaft Size | Part No.      | Description |
|--------|------------|---------------|-------------|
| 210    | 1-15/16    | <b>012340</b> | TP-G-115    |
|        | 2          | <b>012302</b> | TP-G-200    |
| 211    | 2          | <b>136081</b> | TP-GM-200   |
|        | 2-3/16     | <b>012341</b> | TP-G-203    |
|        | 2-1/4      | <b>012303</b> | TP-G-204    |
| 212    | 2-1/4      | <b>136082</b> | TP-GM-204   |
|        | 2-7/16     | <b>012342</b> | TP-G-207    |
| 214    | 2-1/2      | <b>136083</b> | TP-GM-208   |
|        | 2-11/15    | <b>@</b>      | TP-G-211    |
| 215    | 2-15/16    | <b>012343</b> | TP-G-215    |

@ Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### TYPE G NORMAL DUTY TOP ANGLE TAKE-UP BEARINGS

| Series | Shaft Size           | Weight lbs.          | Frame Size | A       | B     | C     | D     | E     | J       | L       | N       | R     | T     |
|--------|----------------------|----------------------|------------|---------|-------|-------|-------|-------|---------|---------|---------|-------|-------|
| 210    | 1-15/16<br>2         | 10.2<br>10.0         | TP10       | 1-3/4   | 6-1/2 | 2-3/8 | 6     | 3-1/4 | 6-3/8   | 2-7/16  | 1-5/32  | 19/32 | 2-3/8 |
| 211    | 2<br>2-3/16<br>2-1/4 | 12.5<br>12.4<br>1.02 | TP20       | 1-27/32 | 7     | 2-1/2 | 6-3/4 | 3-3/8 | 6-7/8   | 2-23/32 | 1-7/32  | 5/8   | 2-3/8 |
| 212    | 2-1/4<br>2-7/16      | 16.0<br>15.9         | TP30       | 1-63/64 | 7-1/2 | 2-3/4 | 7     | 3-1/2 | 7-7/16  | 2-31/32 | 1-5/16  | 43/64 | 2-3/4 |
| 214    | 2-1/2<br>2-11/15     | 21.3<br>21.1         | TP40       | 2-15/64 | 8-1/2 | 2-1/2 | 8     | 4     | 8-15/16 | 3-5/16  | 1-7/16  | 51-64 | 2-3/4 |
| 215    | 2-15/16              | 21.2                 | TP40       | 2-9/64  | 8-1/2 | 2-1/2 | 8     | 4     | 8-5/16  | 3-5/8   | 1-15/32 | 13/16 | 2-3/4 |

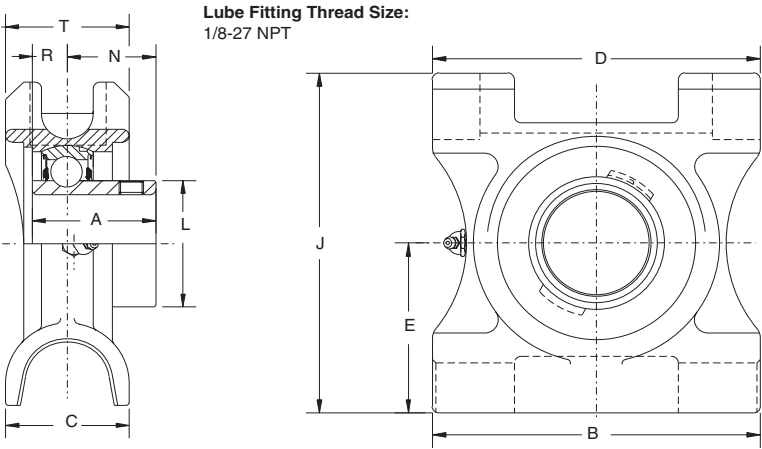
|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings TYPE GM MEDIUM DUTY TOP ANGLE TAKE-UP BEARINGS



| Series | Shaft Size | Part No.      | Description |
|--------|------------|---------------|-------------|
| 210    | 1-11/16    | <b>136070</b> | TP-GM-111   |
|        | 1-3/4      | <b>136080</b> | TP-GM-112   |
| 211    | 1-15/16    | <b>136071</b> | TP-GM-115   |
|        | 2          | <b>136081</b> | TP-GM-200   |
| 212    | 2-3/16     | <b>136072</b> | TP-GM-203   |
|        | 2-1/4      | <b>136082</b> | TP-GM-204   |
| 214    | 2-7/16     | <b>136073</b> | TP-GM-207   |
|        | 2-1/2      | <b>136083</b> | TP-GM-208   |
| 215    | 2-11/16    | <b>136076</b> | TP-GM-211   |
| 216    | 2-15/16    | <b>136074</b> | TP-GM-215   |
|        | 3          | <b>136084</b> | TP-GM-300   |
| 218    | 3-7/16     | <b>136075</b> | TP-GM-307   |
|        | 3-1/2      | <b>136085</b> | TP-GM-308   |

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### TYPE GM MEDIUM DUTY TOP ANGLE TAKE-UP BEARINGS

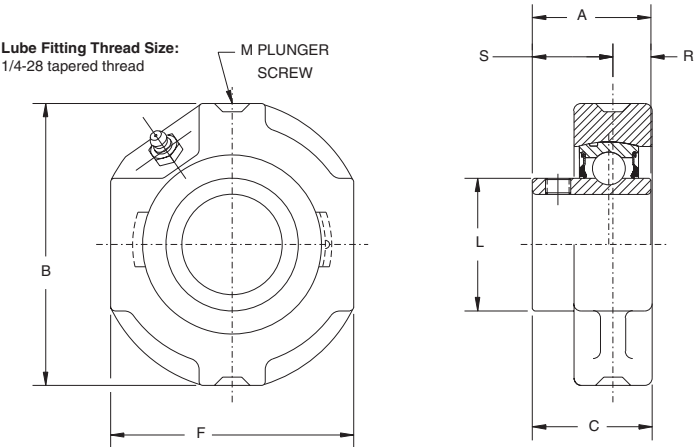
| Series | Shaft Size       | Weight lbs.  | Frame Size | A       | B     | C     | D      | E     | J      | L       | N       | R     | T     |
|--------|------------------|--------------|------------|---------|-------|-------|--------|-------|--------|---------|---------|-------|-------|
| 210    | 1-11/16<br>1-3/4 | 10.4<br>10.0 | TP10       | 1-3/4   | 6-1/2 | 2-3/8 | 6      | 3-1/4 | 6-3/8  | 2-7/16  | 1-5/32  | 19/32 | 2-3/8 |
| 211    | 1-15/16<br>2     | 12.8<br>12.5 | TP20       | 1-27/32 | 7     | 2-1/2 | 6-3/4  | 3-3/8 | 6-7/8  | 2-23/32 | 1-7/32  | 5/8   | 2-3/8 |
| 212    | 2-3/16<br>2-1/4  | 16.2<br>16.0 | TP30       | 1-63/64 | 7-1/2 | 2-3/4 | 7      | 3-1/2 | 7-7/16 | 2-31/32 | 1-5/16  | 43/64 | 2-3/4 |
| 214    | 2-7/16<br>2-1/2  | 21.7<br>21.0 | TP40       | 2-15/64 | 8-1/2 | 2-1/2 | 8      | 4     | 8-5/16 | 3-5/16  | 1-7/16  | 51/64 | 2-3/4 |
| 215    | 2-11/16          | 25.0         | TP40       | 2-9/32  | 8-1/2 | 2-1/2 | 8      | 4     | 8-5/16 | 3-5/8   | 1-15/32 | 13/16 | 2-3/4 |
| 216    | 2-15/16<br>3     | 29.8<br>29.5 | TP50       | 2-11/64 | 9-1/2 | 2-3/4 | 9      | 4-1/2 | 9-5/8  | 3-53/64 | 1-1/2   | 43/64 | 3-1/8 |
| 218    | 3-7/16<br>3-1/2  | 40.2<br>40.0 | TP60       | 2-31/64 | 11    | 3-1/8 | 10-1/2 | 5-1/2 | 11     | 4-23/64 | 1-9/16  | 59/64 | 3-1/8 |

|                                |                           |                        |                                         |
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SELECTION/DIMENSIONS



Setscrew Ball Bearings  
SC NORMAL DUTY HANGER BEARINGS



| Series | Shaft Size | Part No.      | Description |
|--------|------------|---------------|-------------|
| 206    | 1-1/16     | <b>124420</b> | HNG-SC-101  |
|        | 1-1/8      | <b>124421</b> | HNG-SC-102  |
|        | 1-3/16     | <b>124240</b> | HNG-SC-103  |
|        | 1-1/4      | <b>123176</b> | HNG-SC-104S |
| 207    | 1-1/4      | <b>124422</b> | HNG-SC-104  |
|        | 1-5/16     | <b>124423</b> | HNG-SC-105  |
|        | 1-3/8      | <b>124424</b> | HNG-SC-106  |
|        | 1-7/16     | <b>124242</b> | HNG-SC-107  |
| 210    | 1-15/16    | <b>124245</b> | HNG-SC-115  |
|        | 2          | <b>124393</b> | HNG-SC-200  |

These bearings are designed for use in 4-point hanger frames.

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY HANGER BEARINGS

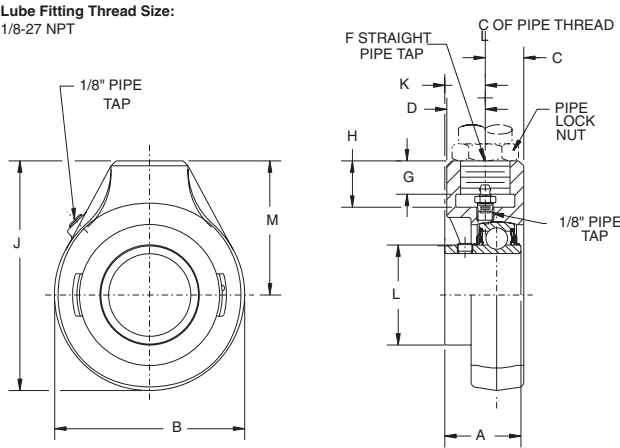
| Series | Shaft Size | Weight lbs. | A       | B     | C       | F      | L       | M   | R     | S      |
|--------|------------|-------------|---------|-------|---------|--------|---------|-----|-------|--------|
| 206    | 1-1/16     | 2.0         | 1-25/64 | 3-5/8 | 1-15/32 | 3      | 1-37/64 | 1/2 | 31/64 | 29/32  |
|        | 1-1/8      | 1.9         |         |       |         |        |         |     |       |        |
|        | 1-3/16     | 1.8         |         |       |         |        |         |     |       |        |
|        | 1-1/4      | 1.7         |         |       |         |        |         |     |       |        |
| 207    | 1-1/4      | 2.8         | 1-17/32 | 4-1/4 | 1-43/64 | 3-1/2  | 1-27/32 | 1/2 | 1/2   | 1-1/32 |
|        | 1-5/16     | 2.6         |         |       |         |        |         |     |       |        |
|        | 1-3/8      | 2.4         |         |       |         |        |         |     |       |        |
|        | 1-7/16     | 2.2         |         |       |         |        |         |     |       |        |
| 210    | 1-15/16    | 6.2         | 1-3/4   | 5     | 1-31/32 | 4-3/16 | 2-7/16  | 5/8 | 19/32 | 1-5/32 |
|        | 2          | 6.0         |         |       |         |        |         |     |       |        |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY SCREW CONVEYOR HANGER BEARINGS



| Series | Shaft Size | Part No.      | Description |
|--------|------------|---------------|-------------|
| 206    | 1          | <b>057878</b> | SCHB-SC-100 |
|        | 1-1/8      | <b>@</b>      | SCHB-SC-102 |
| 207    | 1-3/16     | <b>057220</b> | SCHB-SC-103 |
|        | 1-1/4      | <b>124996</b> | SCHB-SC-104 |
|        | 1-3/8      | <b>058630</b> | SCHB-SC-106 |
| 208    | 1-7/16     | <b>126049</b> | SCHB-SC-107 |
|        | 1-1/2      | <b>124290</b> | SCHB-SC-108 |
|        | 1-5/8      | <b>124404</b> | SCHB-SC-110 |
| 210    | 1-11/16    | <b>124408</b> | SCHB-SC-111 |
|        | 1-3/4      | <b>124299</b> | SCHB-SC-112 |
|        | 1-15/16    | <b>124405</b> | SCHB-SC-115 |
|        | 2          | <b>124291</b> | SCHB-SC-200 |
| 212    | 2-3/16     | <b>124409</b> | SCHB-SC-203 |
|        | 2-1/4      | <b>124419</b> | SCHB-SC-204 |
|        | 2-7/16     | <b>124292</b> | SCHB-SC-207 |
| 216    | 2-15/16    | <b>124406</b> | SCHB-SC-215 |
|        | 3          | <b>124293</b> | SCHB-SC-300 |
| 218    | 3-7/16     | <b>053320</b> | SCHB-SC-307 |
|        | 3-1/2      | <b>057361</b> | SCHB-SC-308 |

@ Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SC NORMAL DUTY SCREW CONVEYOR HANGER BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Size                             | Weight<br>Lbs.           | A       | B      | C       | D       | F*             | G     | H       | J       | K       | L       | M     |
|--------|----------------------------------|--------------------------|---------|--------|---------|---------|----------------|-------|---------|---------|---------|---------|-------|
| 206    | 1<br>1-1/8                       | 3.0                      | 1-25/64 | 3-1/8  | 53/64   | 47/64   | 3/4 - 14       | 3/4   | 15/16   | 4-1/16  | 55/64   | 1-37/64 | 2-1/2 |
| 207    | 1-3/16<br>1-1/4<br>1-3/8         | 3.5<br>3.5<br>3.5        | 1-17/32 | 3-7/8  | 53/64   | 53/64   | 3/4 - 14       | 5/8   | 15/16   | 4-11/16 | 31/32   | 1-27/32 | 2-3/4 |
| 208    | 1-7/16<br>1-1/2<br>1-5/8         | 3.4<br>3.4<br>3.8        | 1-11/16 | 4      | 53/64   | 53/64   | 3/4 - 14       | 5/8   | 15/16   | 4-7/8   | 59/64   | 2-3/64  | 2-7/8 |
| 210    | 1-11/16<br>1-3/4<br>1-15/16<br>2 | 5.4<br>4.8<br>4.5<br>4.4 | 1-3/4   | 4-5/8  | 15/16   | 7/8     | 1 - 11 1/2     | 13/16 | 1-1/8   | 5-9/16  | 7/8     | 2-7/16  | 3-1/4 |
| 212    | 2-3/16<br>2-1/4<br>2-7/16        | 5.0<br>5.0<br>7.4        | 1-63/64 | 5-1/2  | 1-5/32  | 1-5/32  | 1-1/4 - 11 1/2 | 1-1/8 | 1-7/16  | 6-3/4   | 31/32   | 2-31/32 | 4     |
| 216    | 2-15/16<br>3                     | 14.0<br>14.6             | 2-11/64 | 7      | 1-23/64 | 1-13/32 | 1-1/2 - 11 1/2 | 1-1/4 | 1-11/16 | 8-3/8   | 1-11/64 | 3-53/64 | 4-7/8 |
| 218    | 3-7/16<br>3-1/2                  | 21.2<br>21.0             | 2-31/64 | 8-5/16 | 1-3/4   | 1-3/4   | 2 - 11 1/2     | 1-3/4 | 2-3/16  | 10-5/32 | 1-23/64 | 4-23/64 | 6     |

Use straight thread for the pipe. Bearing to be secured with a heavy locknut

Pipe plug and lube fitting are factory installed and may be reversed from position shown

**NOTE:** Inserts use the ProGuard Plus (-FF) seals. 1, 1-3/16, 1-7/16, 1-11/16, 1-3/4, 2-3/16, 2-1/4  
2-15/16, 3, 3-7/16 & 3-1/2 use SCM inserts with flingers.

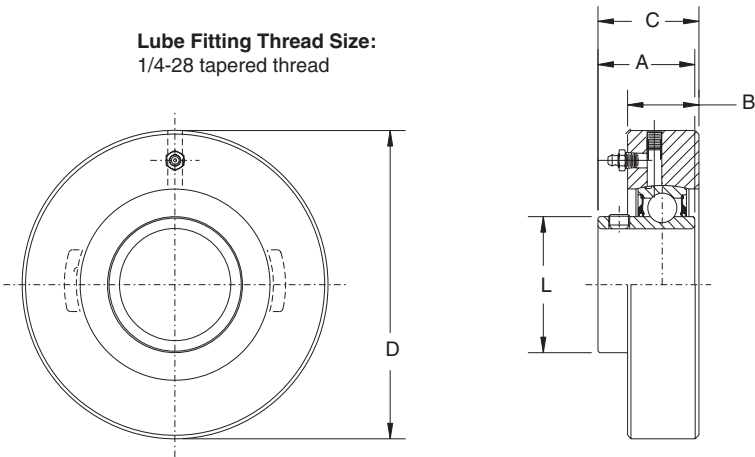
|                                |                           |                        |                                         |
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| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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SELECTION/DIMENSIONS



Setscrew Ball Bearings  
SC NORMAL DUTY CYLINDRICAL UNITS

Lube Fitting Thread Size:  
1/4-28 tapered thread



| Series | Shaft Size | Part No.      | Description |
|--------|------------|---------------|-------------|
| 205    | 7/8        | <b>124394</b> | CYL-SC-014  |
|        | 15/16      | <b>124148</b> | CYL-SC-015  |
|        | 1          | <b>124149</b> | CYL-SC-100  |
| 206    | 1-1/16     | <b>124427</b> | CYL-SC-101  |
|        | 1-1/8      | <b>124428</b> | CYL-SC-102  |
|        | 1-3/16     | <b>124250</b> | CYL-SC-103  |
|        | 1-1/4      | <b>123177</b> | CYL-SC-104S |
| 207    | 1-1/4      | <b>124251</b> | CYL-SC-104  |
|        | 1-5/16     | <b>124429</b> | CYL-SC-105  |
|        | 1-3/8      | <b>124430</b> | CYL-SC-106  |
|        | 1-7/16     | <b>124253</b> | CYL-SC-107  |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY CYLINDRICAL UNITS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight lbs. | A       | B      | C       | D#    | L       |
|--------|------------|-------------|---------|--------|---------|-------|---------|
| 205    | 7/8        | 1.4         | 1-3/16  | 27/32  | 1-11/64 | 3-1/8 | 1-21/64 |
|        | 15/16      | 1.3         |         |        |         |       |         |
|        | 1          | 1.2         |         |        |         |       |         |
| 206    | 1-1/16     | 2.2         | 1-25/64 | 15/16  | 1-11/32 | 3-1/2 | 1-37/64 |
|        | 1-1/8      | 2.1         |         |        |         |       |         |
|        | 1-3/16     | 2.0         |         |        |         |       |         |
|        | 1-1/4      | 1.9         |         |        |         |       |         |
| 207    | 1-1/4      | 2.8         | 1-17/32 | 1-1/16 | 1-17/32 | 3-7/8 | 1-27/32 |
|        | 1-5/16     | 2.7         |         |        |         |       |         |
|        | 1-3/8      | 2.6         |         |        |         |       |         |
|        | 1-7/16     | 2.5         |         |        |         |       |         |

# +.000" -.002

To prevent the housing from rotating in the machine frame, tap a hole on the joint between the housing O.D. and the machine frame bore and lock with a set-screw.

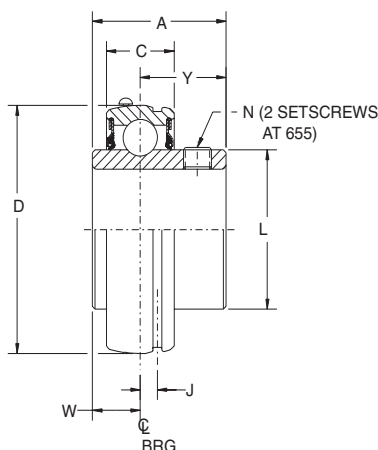
|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY BEARING INSERTS



| Series | Shaft Size | Standard Insert |             | Insert With Flingers |                | Corrosion Resistant Insert |                 | High Temp     |                |
|--------|------------|-----------------|-------------|----------------------|----------------|----------------------------|-----------------|---------------|----------------|
|        |            | Part No.        | Description | Part No.             | Description    | Part No.                   | Description     | Part No.      | Description    |
| 203    | 1/2        | <b>123328</b>   | INS-SC-008  | <b>052159</b>        | INS-SC-008-FF  | <b>059759</b>              | INS-SC-008-CR*  | -----         | INS-SC-008-HT  |
|        | 5/8        | <b>123329</b>   | INS-SC-010  | @                    | INS-SC-010-FF  | @                          | INS-SC-010-CR*  | -----         | INS-SC-010-HT  |
|        | 17mm       | <b>125800</b>   | INS-SC-17M  | @                    | INS-SC-17M-FF  | @                          | INS-SC-17M-CR*  | -----         | INS-SC-17M-HT  |
| 204    | 1/2        | <b>123330</b>   | INS-SC-008L | @                    | INS-SC-008L-FF | <b>052981</b>              | INS-SC-008L-CR* | @             | INS-SC-008L-HT |
|        | 5/8        | <b>123331</b>   | INS-SC-010L | <b>124932</b>        | INS-SC-010L-FF | <b>127073</b>              | INS-SC-010L-CR* | @             | INS-SC-010L-HT |
|        | 3/4        | <b>123332</b>   | INS-SC-012  | <b>123070</b>        | INS-SC-012-FF  | <b>045600</b>              | INS-SC-012-CR   | <b>052032</b> | INS-SC-012-HT  |
|        | 13/16      | @               | INS-SC-013  | @                    | INS-SC-013-FF  | @                          | INS-SC-013-CR*  | @             | INS-SC-013-HT  |
|        | 20mm       | <b>125802</b>   | INS-SC-20M  | <b>050524</b>        | INS-SC-20M-FF  | <b>125873</b>              | INS-SC-20M-CR*  | @             | INS-SC-20M-HT  |
| 205    | 7/8        | <b>123333</b>   | INS-SC-014  | <b>124931</b>        | INS-SC-014-FF  | <b>058665</b>              | INS-SC-014-CR*  | @             | INS-SC-014-HT  |
|        | 15/16      | <b>123334</b>   | INS-SC-015  | <b>123069</b>        | INS-SC-015-FF  | @                          | INS-SC-015-CR*  | @             | INS-SC-015-HT  |
|        | 1          | <b>123335</b>   | INS-SC-100  | <b>123071</b>        | INS-SC-100-FF  | <b>045601</b>              | INS-SC-100-CR   | <b>054949</b> | INS-SC-100-HT  |
|        | 25mm       | <b>125804</b>   | INS-SC-25M  | <b>052620</b>        | INS-SC-25M-FF  | <b>050580</b>              | INS-SC-25M-CR   | @             | INS-SC-25M-HT  |
| 206    | 1-1/16     | <b>123336</b>   | INS-SC-101  | @                    | INS-SC-101-FF  | @                          | INS-SC-101-CR*  | @             | INS-SC-101-HT  |
|        | 1-1/8      | <b>123337</b>   | INS-SC-102  | <b>123234</b>        | INS-SC-102-FF  | @                          | INS-SC-102-CR*  | @             | INS-SC-102-HT  |
|        | 1-3/16     | <b>123338</b>   | INS-SC-103  | <b>123072</b>        | INS-SC-103-FF  | <b>045602</b>              | INS-SC-103-CR   | @             | INS-SC-103-HT  |
|        | 1-1/4      | <b>123469</b>   | INS-SC-104S | <b>123073</b>        | INS-SC-104S-FF | <b>045603</b>              | INS-SC-104S-CR  | @             | INS-SC-104S-HT |
|        | 30mm       | <b>125806</b>   | INS-SC-30M  | <b>052621</b>        | INS-SC-30M-FF  | <b>125874</b>              | INS-SC-30M-CR   | @             | INS-SC-30M-HT  |
| 207    | 1-1/4      | <b>123339</b>   | INS-SC-104  | <b>123074</b>        | INS-SC-104-FF  | <b>045412</b>              | INS-SC-104-CR   | <b>053776</b> | INS-SC-104-HT  |
|        | 1-5/16     | <b>123340</b>   | INS-SC-105  | <b>057102</b>        | INS-SC-105-FF  | <b>058345</b>              | INS-SC-105-CR*  | <b>057201</b> | INS-SC-105-HT  |
|        | 1-3/8      | <b>123341</b>   | INS-SC-106  | <b>123460</b>        | INS-SC-106-FF  | <b>058965</b>              | INS-SC-106-CR*  | <b>057354</b> | INS-SC-106-HT  |
|        | 1-7/16     | <b>123368</b>   | INS-SC-107  | <b>123075</b>        | INS-SC-107-FF  | <b>045604</b>              | INS-SC-107-CR   | <b>052645</b> | INS-SC-107-HT  |
|        | 35mm       | <b>125808</b>   | INS-SC-35M  | <b>052622</b>        | INS-SC-35M-FF  | <b>050653</b>              | INS-SC-35M-CR   | @             | INS-SC-35M-HT  |

© Assembled to order

\* 20 piece minimum

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY BEARING INSERTS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

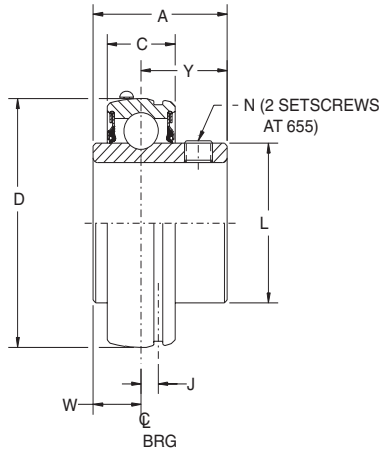
| Series | Shaft Size | Weight lbs., kgs. | A       | C     | D      | J     | L       | N       | W     | Y      |
|--------|------------|-------------------|---------|-------|--------|-------|---------|---------|-------|--------|
| 203    | 1/2        | .25               | 1       | .511  | 1.5748 | 0.150 | 31/32   | 10-32   | 23/64 | 41/64  |
|        | 5/8        | .23               |         |       |        |       |         |         |       |        |
|        | 17mm       | .10               | 25.4    | 13.0  | 40.0   | 3.0   | 24.6    | M5x.8   | 9.1   | 16.3   |
| 204    | 1/2        | .38               | 1-5/32  | .5906 | 1.8504 | 0.152 | 1-1/8   | 10-32   | 27/64 | 47/64  |
|        | 5/8        | .35               |         |       |        |       |         | 10-32   |       |        |
|        | 3/4        | .32               |         |       |        |       |         | 1/4-28  |       |        |
|        | 13/16      | .29               |         |       |        |       |         | 1/4-28  |       |        |
|        | 20mm       | .16               | 29.4    | 15.0  | 47.0   | 3.9   | 28.6    | M6x1    | 10.7  | 18.7   |
| 205    | 7/8        | .43               | 1-3/16  | .5906 | 2.0472 | .152  | 1-21/64 | 1/4-28  | 27/64 | 49/64  |
|        | 15/16      | .40               |         |       |        |       |         |         |       |        |
|        | 1          | .37               |         |       |        |       |         |         |       |        |
|        | 25mm       | .18               | 30.2    | 15.0  | 52.0   | 3.9   | 33.7    | M6x1    | 10.7  | 19.4   |
| 206    | 1-1/16     | .67               | 1-25/64 | .7067 | 2.4409 | .190  | 1-37/64 | 5/16-24 | 31/64 | 29/32  |
|        | 1-1/8      | .63               |         |       |        |       |         | 5/16-24 |       |        |
|        | 1-3/16     | .60               |         |       |        |       |         | 5/16-24 |       |        |
|        | 1-1/4      | .58               |         |       |        |       |         | 1/4-28  |       |        |
|        | 30mm       | .27               | 35.3    | 18.0  | 62.0   | 4.8   | 40.1    | M8x1.25 | 12.3  | 23.0   |
| 207    | 1-1/4      | 1.02              | 1-17/32 | .7480 | 2.8346 | .202  | 1-27/32 | 5/16-24 | 1/2   | 1-1/32 |
|        | 1-5/16     | .97               |         |       |        |       |         |         |       |        |
|        | 1-3/8      | .92               |         |       |        |       |         |         |       |        |
|        | 1-7/16     | .86               |         |       |        |       |         |         |       |        |
|        | 35mm       | .44               | 38.9    | 19.0  | 72.0   | 5.1   | 46.8    | M8x1.25 | 12.7  | 26.2   |

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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|--------------------------------|---------------------------|------------------------|-----------------------------------------|

# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY BEARING INSERTS



| Series | Shaft Size | Standard Insert |             | Insert With Fingers |                | Corrosion Resistant Insert |                 | High Temp     |                |
|--------|------------|-----------------|-------------|---------------------|----------------|----------------------------|-----------------|---------------|----------------|
|        |            | Part No.        | Description | Part No.            | Description    | Part No.                   | Description     | Part No.      | Description    |
| 208    | 1-1/2      | <b>123342</b>   | INS-SC-108  | <b>123075</b>       | INS-SC-108-FF  | <b>045605</b>              | INS-SC-108-CR   | @             | INS-SC-108-HT  |
|        | 1-5/8      | <b>123343</b>   | INS-SC-110  | <b>123409</b>       | INS-SC-110-FF  | @                          | INS-SC-110-CR*  | @             | INS-SC-110-HT  |
|        | 40mm       | <b>125810</b>   | INS-SC-40M  | <b>052623</b>       | INS-SC-40M-FF  | <b>050654</b>              | INS-SC-40M-CR   | @             | INS-SC-40M-HT  |
| 209    | 1-5/8      | <b>045874</b>   | INS-SC-110L | @                   | INS-SC-110L-FF | @                          | INS-SC-110L-CR* | @             | INS-SC-110L-HT |
|        | 1-11/16    | <b>123344</b>   | INS-SC-111  | @                   | INS-SC-111-FF  | <b>125004</b>              | INS-SC-111-CR   | <b>053565</b> | INS-SC-111-HT  |
|        | 1-3/4      | <b>123345</b>   | INS-SC-112  | <b>045677</b>       | INS-SC-112-FF  | <b>054145</b>              | INS-SC-112-CR*  | @             | INS-SC-112-HT  |
|        | 1-13/16    | <b>054225</b>   | INS-SC-113  | @                   | INS-SC-113-FF  | @                          | INS-SC-113-CR*  | @             | INS-SC-113-HT  |
|        | 45mm       | <b>125812</b>   | INS-SC-45M  | @                   | INS-SC-45M-FF  | <b>125005</b>              | INS-SC-45M-CR*  | @             | INS-SC-45M-HT  |
| 210    | 1-15/16    | <b>123346</b>   | INS-SC-115  | <b>123077</b>       | INS-SC-115-FF  | <b>045606</b>              | INS-SC-115-CR   | <b>054019</b> | INS-SC-115-HT  |
|        | 2          | <b>123347</b>   | INS-SC-200  | <b>123413</b>       | INS-SC-200-FF  | <b>045338</b>              | INS-SC-200-CR   | <b>054431</b> | INS-SC-200-HT  |
|        | 50mm       | <b>125814</b>   | INS-SC-50M  | @                   | INS-SC-50M-FF  | <b>050656</b>              | INS-SC-50M-CR   | @             | INS-SC-50M-HT  |
| 211    | 2          | <b>123358</b>   | INS-SCM-200 | @                   | INS-SCM-200-FF | <b>125175</b>              | INS-SCM-200-CR* | <b>058157</b> | INS-SCM-200-HT |
|        | 2-3/16     | <b>123348</b>   | INS-SC-203  | <b>058230</b>       | INS-SC-203-FF  | <b>058178</b>              | INS-SC-203-CR*  | @             | INS-SC-203-HT  |
|        | 2-1/4      | <b>123349</b>   | INS-SC-204  | <b>058220</b>       | INS-SC-204-FF  | <b>053825</b>              | INS-SC-204-CR*  | @             | INS-SC-204-HT  |
|        | 55mm       | <b>125816</b>   | INS-SC-55M  | @                   | INS-SC-55M-FF  | @                          | INS-SC-55M-CR*  | @             | INS-SC-55M-HT  |
| 212    | 2-1/4      | <b>123360</b>   | INS-SCM-204 | <b>064636</b>       | INS-SCM-204-FF | <b>053900</b>              | INS-SCM-204-CR* | @             | INS-SCM-204-HT |
|        | 2-7/16     | <b>123350</b>   | INS-SC-207  | <b>123416</b>       | INS-SC-207-FF  | <b>057681</b>              | INS-SC-207-CR*  | <b>054196</b> | INS-SC-207-HT  |
|        | 60mm       | <b>125818</b>   | INS-SC-60M  | @                   | INS-SC-60M-FF  | @                          | INS-SC-60M-CR*  | <b>057802</b> | INS-SC-60M-HT  |
| 214    | 2-1/2      | <b>123362</b>   | INS-SCM-208 | @                   | INS-SCM-208-FF | <b>053831</b>              | INS-SCM-208-CR* | @             | INS-SCM-208-HT |
|        | 2-11/16    | <b>123326</b>   | INS-SC-211  | @                   | INS-SC-211-FF  | @                          | INS-SC-211-CR*  | @             | INS-SC-211-HT  |
|        | 70mm       | <b>125820</b>   | INS-SC-70M  | @                   | INS-SC-70M-FF  | @                          | INS-SC-70M-CR*  | @             | INS-SC-70M-HT  |
| 215    | 2-15/16    | <b>123352</b>   | INS-SC-215  | <b>050365</b>       | INS-SC-215-FF  | @                          | INS-SC-215-CR*  | @             | INS-SC-215-HT  |
|        | 75mm       | <b>125822</b>   | INS-SC-75M  | @                   | INS-SC-75M-FF  | @                          | INS-SC-75M-CR*  | @             | INS-SC-75M-HT  |
| 218    | 90mm       | @               | INS-SC-90M  | @                   | INS-SC-90M-FF  | @                          | INS-SC-90M-CR*  | @             | INS-SC-90M-HT  |

@ Assembled to order.

\* 20 piece minimum

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
| FEATURES/BENEFITS<br>PAGE B3-2 | NOMENCLATURE<br>PAGE B3-6 | SELECTION<br>PAGE B3-6 | MODIFICATION/ACCESSORIES<br>PAGE B3-132 |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SC NORMAL DUTY BEARING INSERTS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

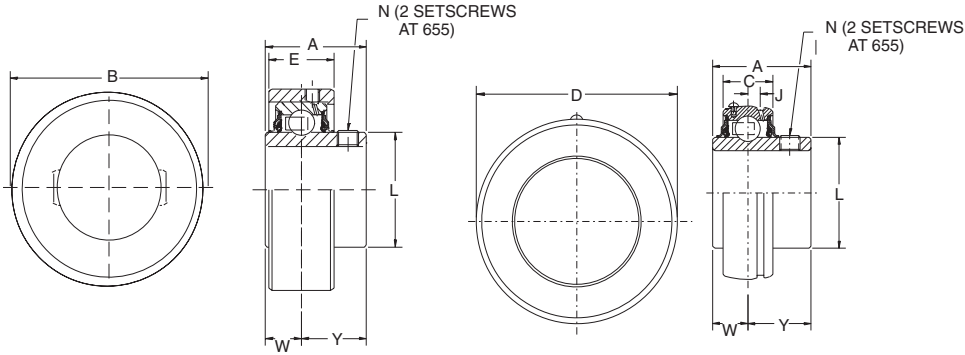
| Series | Shaft Size | Weight lbs.<br>kgs. | A       | C      | D      | J    | L       | N       | W     | Y       |
|--------|------------|---------------------|---------|--------|--------|------|---------|---------|-------|---------|
| 208    | 1-1/2      | 1.27                | 1-11/16 | .8661  | 3.149  | .224 | 2-3/64  | 5/16-24 | 19/32 | 1-3/32  |
|        | 1-5/8      | 1.13                |         |        |        |      |         |         |       |         |
|        | 40mm       | 0.51                | 42.9    | 22.0   | 80.0   | 5.7  | 52.0    | M8x1.25 | 15.1  | 27.8    |
| 209    | 1-5/8      | 1.49                | 1-23/32 | .8661  | 3.3465 | .248 | 2-7/32  | 5/16-24 | 19/32 | 1-1/8   |
|        | 1-11/16    | 1.43                |         |        |        |      |         |         |       |         |
|        | 1-3/4      | 1.36                |         |        |        |      |         |         |       |         |
|        | 1-13/16    | 1.30                |         |        |        |      |         |         |       |         |
|        | 45mm       | 0.62                | 43.7    | 22.0   | 85.0   | 6.3  | 56.4    | M8x1.25 | 15.1  | 28.6    |
| 210    | 1-15/16    | 1.48                | 1-3/4   | .8661  | 3.5433 | .248 | 2-7/16  | 3/8-24  | 19/32 | 1-5/32  |
|        | 2          | 1.39                |         |        |        |      |         |         |       |         |
|        | 50mm       | 0.67                | 44.5    | 22.0   | 90.0   | 6.3  | 61.9    | M10x1.5 | 15.1  | 29.4    |
| 211    | 2          | 2.26                | 1-27/32 | .9449  | 3.9370 | .267 | 2-23/32 | 3/8-24  | 5/8   | 1-7/32  |
|        | 2-3/16     | 1.97                |         |        |        |      |         |         |       |         |
|        | 2-1/4      | 1.87                |         |        |        |      |         |         |       |         |
|        | 55mm       | 0.89                | 46.8    | 24.0   | 100.0  | 6.8  | 69.1    | M10x1.5 | 15.9  | 31.0    |
| 212    | 2-1/4      | 2.85                | 1-63/64 | 1.0240 | 4.3307 | .250 | 2-31/32 | 3/8-24  | 43/64 | 1-5/16  |
|        | 2-7/16     | 2.49                |         |        |        |      |         |         |       |         |
|        | 60mm       | 1.13                | 50.4    | 26.0   | 110.0  | 6.4  | 75.4    | M10x1.5 | 17.1  | 33.3    |
| 214    | 2-1/2      | 4.25                | 2-15/64 | 1.1020 | 4.9213 | .264 | 3-5/16  | 3/8-24  | 51/64 | 1-7/16  |
|        | 2-11/16    | 3.60                |         |        |        |      |         |         |       |         |
|        | 70mm       | 1.63                | 56.8    | 28.0   | 125.0  | 6.7  | 84.1    | M10x1.5 | 20.2  | 36.5    |
| 215    | 2-15/16    | 3.86                | 2-9/32  | 1.1420 | 5.1181 | .265 | 3-5/8   | 3/8-24  | 13/16 | 1-15/32 |
|        | 75mm       | 1.75                | 57.9    | 29.0   | 130.0  | 6.7  | 92.1    | M10x1.5 | 20.6  | 37.3    |
| 218    | 90mm       | 3.30                | 63.1    | 34.0   | 160.0  | 7.6  | 110.7   | M10x1.5 | 23.4  | 39.7    |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCH-E EXPANSION AND SCH NON-EXPANSION NORMAL DUTY BEARING INSERTS



| Series | Shaft Size | Expansion     |                | Non-Expansion |              |
|--------|------------|---------------|----------------|---------------|--------------|
|        |            | Part No.      | Description    | Part No.      | Description  |
| 206    | 1          | @             | INS-SCMH-100-E | @             | INS-SCMH-100 |
|        | 1-1/16     | @             | INS-SCH-101-E  | @             | INS-SCH-101M |
|        | 1-1/8      | @             | INS-SCH-102-E  | @             | INS-SCH-102  |
|        | 1-3/16     | <b>126495</b> | INS-SCH-103-E  | <b>126490</b> | INS-SCH-103  |
|        | 1-1/4      | @             | INS-SCH-104S-E | @             | INS-SCH-104S |
|        | 30mm       | <b>049925</b> | INS-SCH-30M-E  | @             | INS-SCH-30M  |
| 207    | 1-1/4      | @             | INS-SCH-104-E  | @             | INS-SCH-104  |
|        | 1-5/16     | @             | INS-SCH-105-E  | @             | INS-SCH-105  |
|        | 1-3/8      | @             | INS-SCH-106-E  | @             | INS-SCH-106  |
|        | 1-7/16     | <b>126496</b> | INS-SCH-107-E  | <b>126491</b> | INS-SCH-107  |
|        | 35mm       | @             | INS-SCH-35M-E  | @             | INS-SCH-35M  |
|        |            |               |                |               |              |
| 209    | 1-1/2      | @             | INS-SCMH-108-E | @             | INS-SCMH-108 |
|        | 1-5/8      | @             | INS-SCH-110-E  | @             | INS-SCH-110  |
|        | 1-11/16    | @             | INS-SCH-111-E  | @             | INS-SCH-111  |
|        | 1-3/4      | @             | INS-SCH-112-E  | @             | INS-SCH-112  |
|        | 45mm       | @             | INS-SCH-45M-E  | @             | INS-SCH-45M  |
|        |            |               |                |               |              |
| 210    | 1-11/16    | @             | INS-SCMH-111-E | @             | INS-SCMH-111 |
|        | 1-3/4      | @             | INS-SCMH-112-E | @             | INS-SCMH-112 |
|        | 1-15/16    | <b>126497</b> | INS-SCH-115-E  | <b>126492</b> | INS-SCH-115  |
|        | 2          | @             | INS-SCH-200-E  | @             | INS-SCH-200  |
|        | 50mm       | @             | INS-SCH-50M-E  | @             | INS-SCH-50M  |
|        |            |               |                |               |              |
| 211    | 1-15/16    | @             | INS-SCMH-115-E | @             | INS-SCMH-115 |
|        | 2          | @             | INS-SCMH-200-E | @             | INS-SCMH-200 |
|        | 2-3/16     | <b>126498</b> | INS-SCH-203-E  | <b>126493</b> | INS-SCH-203  |
|        | 2-1/4      | @             | INS-SCH-204-E  | @             | INS-SCH-204  |
|        | 55mm       | @             | INS-SCH-55M-E  | @             | INS-SCH-55M  |
|        |            |               |                |               |              |
| 212    | 2-3/16     | @             | INS-SCMH-203-E | @             | INS-SCMH-203 |
|        | 2-1/4      | @             | INS-SCMH-204-E | @             | INS-SCMH-204 |
|        | 2-7/16     | <b>126499</b> | INS-SCH-207-E  | <b>126494</b> | INS-SCH-207  |
|        | 60mm       | @             | INS-SCH-60M-E  | @             | INS-SCH-60M  |

@Assembled to order

|                                |                           |                        |                                         |
|--------------------------------|---------------------------|------------------------|-----------------------------------------|
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings

### SCH-E EXPANSION AND SCH NON-EXPANSION NORMAL DUTY BEARING INSERTS

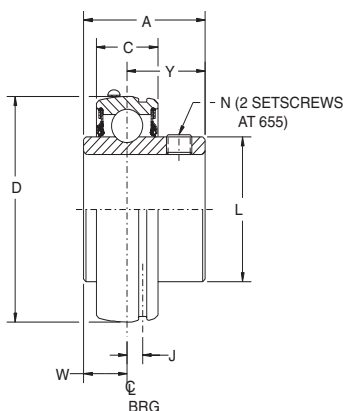
| Series | Shaft Size | Weight - Expansion<br>lbs kgs | Weight - Non-Expansion<br>lbs kgs | A       | B     | C       | D      | E       | J     | L       | N       | W     | Y      |
|--------|------------|-------------------------------|-----------------------------------|---------|-------|---------|--------|---------|-------|---------|---------|-------|--------|
| 206    | 1          | 1.29                          | 0.69                              | 1-25/64 | 2.875 | 15/16   | 2.4409 | 15/16   | 0.190 | 1-37/64 | 5/16-24 | 31/64 | 29/32  |
|        | 1-1/16     | 1.26                          | 0.66                              |         |       |         |        |         |       |         |         |       |        |
|        | 1-1/8      | 1.23                          | 0.63                              |         |       |         |        |         |       |         |         |       |        |
|        | 1-3/16     | 1.20                          | 0.60                              |         |       |         |        |         |       |         |         |       |        |
|        | 1-1/4      | 1.18                          | 0.58                              |         |       |         |        |         |       |         |         |       |        |
|        | 30mm       | 0.54                          | 0.26                              |         |       |         |        |         |       |         |         |       |        |
| 207    | 1-1/4      | 1.50                          | 1.02                              | 1-17/32 | 3.272 | 1       | 2.8346 | 1       | 0.190 | 1-27/32 | 5/16-24 | 1/2   | 1-1/32 |
|        | 1-5/16     | 1.49                          | 0.97                              |         |       |         |        |         |       |         |         |       |        |
|        | 1-3/8      | 1.48                          | 0.92                              |         |       |         |        |         |       |         |         |       |        |
|        | 1-7/16     | 1.47                          | 0.86                              |         |       |         |        |         |       |         |         |       |        |
|        | 35mm       | 0.67                          | 0.44                              |         |       |         |        |         |       |         |         |       |        |
|        |            |                               |                                   |         |       |         |        |         |       |         |         |       |        |
| 209    | 1-1/2      | 2.51                          | 1.62                              | 1-23/32 | 3.813 | 1-1/4   | 3.3465 | 1-1/4   | 0.248 | 2-7/32  | 5/16-24 | 19/32 | 1-1/8  |
|        | 1-5/8      | 2.48                          | 1.49                              |         |       |         |        |         |       |         |         |       |        |
|        | 1-11/16    | 2.45                          | 1.43                              |         |       |         |        |         |       |         |         |       |        |
|        | 1-3/4      | 2.43                          | 1.36                              |         |       |         |        |         |       |         |         |       |        |
|        | 45mm       | 1.10                          | 1.30                              |         |       |         |        |         |       |         |         |       |        |
|        |            |                               |                                   |         |       |         |        |         |       |         |         |       |        |
| 210    | 1-11/16    | 2.56                          | 1.82                              | 1-3/4   | 4.000 | 1-13/32 | 3.5433 | 1-13/32 | 0.248 | 2-7/16  | 3/8-24  | 19/32 | 1-5/32 |
|        | 1-3/4      | 2.53                          | 1.74                              |         |       |         |        |         |       |         |         |       |        |
|        | 1-15/16    | 2.50                          | 1.48                              |         |       |         |        |         |       |         |         |       |        |
|        | 2          | 2.48                          | 1.39                              |         |       |         |        |         |       |         |         |       |        |
|        | 50mm       | 1.13                          | 0.67                              |         |       |         |        |         |       |         |         |       |        |
|        |            |                               |                                   |         |       |         |        |         |       |         |         |       |        |
| 211    | 1-15/16    | 3.46                          | 2.36                              | 1-27/32 | 4.475 | 1-7/16  | 3.9370 | 1-7/16  | 0.267 | 2-23/32 | 3/8-24  | 5/8   | 1-7/32 |
|        | 2          | 3.43                          | 2.26                              |         |       |         |        |         |       |         |         |       |        |
|        | 2-3/16     | 3.40                          | 1.97                              |         |       |         |        |         |       |         |         |       |        |
|        | 2-1/4      | 3.38                          | 1.87                              |         |       |         |        |         |       |         |         |       |        |
|        | 55mm       | 1.53                          | 0.89                              |         |       |         |        |         |       |         |         |       |        |
|        |            |                               |                                   |         |       |         |        |         |       |         |         |       |        |
| 212    | 2-3/16     | 4.56                          | 2.97                              | 1-63/64 | 5.035 | 1-5/8   | 4.3307 | 1-5/8   | 0.250 | 2-31/32 | 3/8-24  | 43/64 | 1-5/16 |
|        | 2-1/4      | 4.53                          | 2.85                              |         |       |         |        |         |       |         |         |       |        |
|        | 2-7/16     | 4.50                          | 2.49                              |         |       |         |        |         |       |         |         |       |        |
|        | 60mm       | 2.04                          | 1.13                              |         |       |         |        |         |       |         |         |       |        |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCM MEDIUM DUTY BEARING INSERTS



| Series | Shaft Size | Standard Insert |             | Insert With Flingers |                | Corrosion Resistant Insert |                 | High Temp     |                |
|--------|------------|-----------------|-------------|----------------------|----------------|----------------------------|-----------------|---------------|----------------|
|        |            | Part No.        | Description | Part No.             | Description    | Part No.                   | Description     | Part No.      | Description    |
| 206    | 1          | <b>123419</b>   | INS-SCM-100 | @                    | INS-SCM-100-FF | @                          | INS-SCM-100-CR* | @             | INS-SCM-100-HT |
|        | 25mm       | <b>125825</b>   | INS-SCM-25M | @                    | INS-SCM-25M-FF | @                          | INS-SCM-25M-CR* | @             | INS-SCM-25M-HT |
| 207    | 1-3/16     | <b>123420</b>   | INS-SCM-103 | <b>052841</b>        | INS-SCM-103-FF | @                          | INS-SCM-103-CR* | @             | INS-SCM-103-HT |
|        | 1-1/4      | <b>123339</b>   | INS-SC-104  | <b>123074</b>        | INS-SC-104-FF  | <b>045412</b>              | INS-SC-104-CR   | <b>053776</b> | INS-SC-104-HT  |
| 208    | 30mm       | <b>125826</b>   | INS-SCM-30M | @                    | INS-SCM-30M-FF | @                          | INS-SCM-30M-CR* | @             | INS-SCM-30M-HT |
|        | 1-7/16     | <b>123353</b>   | INS-SCM-107 | <b>123445</b>        | INS-SCM-107-FF | @                          | INS-SCM-107-CR* | @             | INS-SCM-107-HT |
| 209    | 1-1/2#     | <b>123342</b>   | INS-SC-108  | <b>123076</b>        | INS-SC-108-FF  | <b>045605</b>              | INS-SC-108-CR   | @             | INS-SC-108-HT  |
|        | 35mm       | <b>125828</b>   | INS-SCM-35M | @                    | INS-SCM-35M-FF | @                          | INS-SCM-35M-CR* | @             | INS-SCM-35M-HT |
| 210    | 1-1/2      | <b>123354</b>   | INS-SCM-108 | @                    | INS-SCM-108-FF | @                          | INS-SCM-108-CR* | @             | INS-SCM-108-HT |
|        | 1-5/8      | <b>045874</b>   | INS-SC-110L | @                    | INS-SC-110L-FF | @                          | INS-SC-110L-CR* | @             | INS-SC-110L-HT |
| 211    | 40mm       | <b>125830</b>   | INS-SCM-40M | @                    | INS-SCM-40M-FF | @                          | INS-SCM-40M-CR* | @             | INS-SCM-40M-HT |
|        | 1-11/16    | <b>123355</b>   | INS-SCM-111 | <b>051787</b>        | INS-SCM-111-FF | @                          | INS-SCM-111-CR* | @             | INS-SCM-111-HT |
| 212    | 1-3/4      | <b>123356</b>   | INS-SCM-112 | @                    | INS-SCM-112-FF | @                          | INS-SCM-112-CR* | @             | INS-SCM-112-HT |
|        | 45mm       | <b>125832</b>   | INS-SCM-45M | @                    | INS-SCM-45M-FF | @                          | INS-SCM-45M-CR* | @             | INS-SCM-45M-HT |
| 213    | 1-15/16    | <b>123357</b>   | INS-SCM-115 | <b>050493</b>        | INS-SCM-115-FF | <b>058397</b>              | INS-SCM-115-CR* | @             | INS-SCM-115-HT |
|        | 2          | <b>123358</b>   | INS-SCM-200 | @                    | INS-SCM-200-FF | <b>125175</b>              | INS-SCM-200-CR* | <b>058157</b> | INS-SCM-200-HT |
| 214    | 50mm       | <b>125834</b>   | INS-SCM-50M | @                    | INS-SCM-50M-FF | @                          | INS-SCM-50M-CR* | @             | INS-SCM-50M-HT |
|        | 2-3/16     | <b>123359</b>   | INS-SCM-203 | <b>050186</b>        | INS-SCM-203-FF | @                          | INS-SCM-203-CR* | @             | INS-SCM-203-HT |
| 215    | 2-1/4      | <b>123360</b>   | INS-SCM-204 | <b>064636</b>        | INS-SCM-204-FF | <b>053900</b>              | INS-SCM-204-CR* | @             | INS-SCM-204-HT |
|        | 55mm       | <b>125836</b>   | INS-SCM-55M | @                    | INS-SCM-55M-FF | @                          | INS-SCM-55M-CR* | @             | INS-SCM-55M-HT |
| 216    | 2-7/16     | <b>123361</b>   | INS-SCM-207 | <b>123424</b>        | INS-SCM-207-FF | @                          | INS-SCM-207-CR* | <b>056912</b> | INS-SCM-207-HT |
|        | 2-1/2      | <b>123362</b>   | INS-SCM-208 | @                    | INS-SCM-208-FF | <b>053831</b>              | INS-SCM-208-CR* | @             | INS-SCM-208-HT |
| 217    | 60mm       | <b>125838</b>   | INS-SCM-65M | @                    | INS-SCM-65M-FF | @                          | INS-SCM-65M-CR* | @             | INS-SCM-65M-HT |
|        | 2-11/16    | <b>123363</b>   | INS-SCM-211 | @                    | INS-SCM-211-FF | @                          | INS-SCM-211-CR* | @             | INS-SCM-211-HT |
| 218    | 70mm       | <b>125840</b>   | INS-SCM-70M | @                    | INS-SCM-70M-FF | @                          | INS-SCM-70M-CR* | @             | INS-SCM-70M-HT |
|        | 2-15/16    | <b>123364</b>   | INS-SCM-215 | <b>123456</b>        | INS-SCM-215-FF | <b>045764</b>              | INS-SCM-215-CR* | <b>049918</b> | INS-SCM-215-HT |
| 219    | 3          | <b>123365</b>   | INS-SCM-300 | <b>123457</b>        | INS-SCM-300-FF | @                          | INS-SCM-300-CR* | @             | INS-SCM-300-HT |
|        | 75mm       | <b>125842</b>   | INS-SCM-75M | @                    | INS-SCM-75M-FF | @                          | INS-SCM-75M-CR* | @             | INS-SCM-75M-HT |
| 220    | 3-7/16     | <b>123366</b>   | INS-SCM-307 | <b>123423</b>        | INS-SCM-307-FF | <b>045765</b>              | INS-SCM-307-CR* | @             | INS-SCM-307-HT |
|        | 3-1/2      | <b>123367</b>   | INS-SCM-308 | @                    | INS-SCM-308-FF | @                          | INS-SCM-308-CR* | @             | INS-SCM-308-HT |
| 221    | 85mm       | <b>125844</b>   | INS-SCM-85M | @                    | INS-SCM-85M-FF | @                          | INS-SCM-85M-CR* | @             | INS-SCM-85M-HT |

@ Assembled to order

# SCM Piloted Flange Only

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings SCM MEDIUM DUTY BEARING INSERTS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size | Weight lbs. | A       | C      | D      | J    | L       | N       | W     | Y       |
|--------|------------|-------------|---------|--------|--------|------|---------|---------|-------|---------|
| 206    | 1          | 0.71        | 1-25/64 | .7067  | 2.4409 | .190 | 1-37/64 | 5/16-24 | 31/64 | 29/32   |
|        | 25mm       | 0.32        | 35.3    | 18.0   | 62.0   | 4.8  | 40.1    | M8x1.25 | 23.0  | 23.0    |
| 207    | 1-3/16     | 1.07        | 1-17/32 | .7480  | 2.8346 | .202 | 1-27/32 | 5/16-24 | 1/2   | 1-1/32  |
|        | 1-1/4      | 1.02        |         |        |        |      |         |         |       |         |
|        | 30mm       | 0.53        | 38.9    | 19.0   | 72.0   | 5.1  | 46.8    | M8x1.25 | 12.7  | 26.2    |
| 208    | 1-7/16     | 1.32        | 1-11/16 | .8661  | 3.1496 | .224 | 2-3/64  | 5/16-24 | 19/32 | 1-3/32  |
|        | 1-1/2      | 1.27        |         |        |        |      |         |         |       |         |
|        | 35mm       | 0.60        | 42.9    | 22.0   | 80.0   | 5.7  | 52.0    | M8x1.25 | 15.1  | 27.8    |
| 209    | 1-1/2      | 1.62        | 1-23/32 | .8661  | 3.3465 | .248 | 2-7/32  | 5/16-24 | 19/32 | 1-1/8   |
|        | 1-5/8      | 1.49        |         |        |        |      |         |         |       |         |
|        | 40mm       | 0.71        | 43.7    | 22.0   | 85.0   | 6.3  | 56.4    | M8x1.25 | 15.1  | 28.6    |
| 210    | 1-11/16    | 1.82        | 1-3/4   | .8661  | 3.5433 | .248 | 2-7/16  | 3/8-24  | 19/32 | 1-5/32  |
|        | 1-3/4      | 1.74        |         |        |        |      |         |         |       |         |
|        | 45mm       | 0.76        | 44.5    | 22.0   | 90.0   | 6.3  | 61.9    | M10x1.5 | 15.1  | 29.4    |
| 211    | 1-15/16    | 2.36        | 1-27/32 | .9449  | 3.9370 | .267 | 2-23/32 | 3/8-24  | 5/8   | 1-7/32  |
|        | 2          | 2.26        |         |        |        |      |         |         |       |         |
|        | 50mm       | 1.03        | 46.8    | 24.0   | 100.0  | 6.8  | 69.1    | M10x1.5 | 15.9  | 31      |
| 212    | 2-3/16     | 2.97        | 1-63/64 | 1.0240 | 4.3307 | .250 | 2-31/32 | 3/8-24  | 43/64 | 1-5/16  |
|        | 2-1/4      | 2.85        |         |        |        |      |         |         |       |         |
|        | 55mm       | 1.27        | 50.4    | 26.0   | 110.0  | 6.4  | 75.4    | M10x1.5 | 17.1  | 33.3    |
| 214    | 2-7/16     | 4.39        | 2-15/64 | 1.1020 | 4.3307 | .265 | 3-5/16  | 3/8-245 | 51/64 | 1-7/16  |
|        | 2-1/2      | 4.25        |         |        |        |      |         |         |       |         |
|        | 60mm       | 1.86        | 56.8    | 28.0   | 110.0  | 6.7  | 84.1    | M10x1.  | 20.2  | 36.5    |
| 215    | 2-11/16    | 4.49        | 2-9/32  | 1.1420 | 5.1181 | .265 | 3-5/8   | 3/8-24  | 13/16 | 1-15/32 |
|        | 70mm       | 1.98        | 57.9    | 29.0   | 130.0  | 6.7  | 92.1    | M10x1.5 | 20.6  | 37.3    |
| 216    | 2-15/16    | 5.54        | 2-11/32 | 1.1810 | 5.5118 | .285 | 3-53/64 | 3/8-24  | 43/64 | 1-1/2   |
|        | 3          | 5.52        |         |        |        |      |         |         |       |         |
|        | 75mm       | 2.51        | 59.5    | 30.0   | 140.0  | 7.2  | 97.2    | M10x.15 | 17.1  | 38.1    |
| 218    | 3-7/16     | 7.35        | 2-31/64 | 1.3400 | 6.2992 | .300 | 4-23/64 | 3/8-24  | 59/64 | 1-9/16  |
|        | 3-1/2      | 7.33        |         |        |        |      |         |         |       |         |
|        | 85mm       | 3.33        | 63.1    | 34.0   | 160.0  | 7.6  | 110.7   | M10x1.5 | 23.4  | 39.7    |

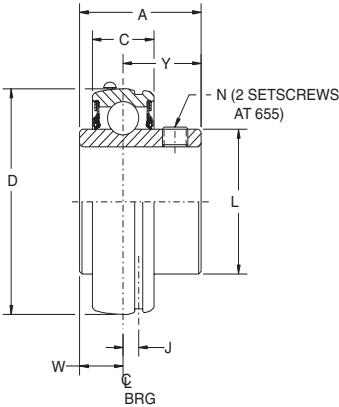
|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings VSC INTERMEDIATE DUTY BEARING INSERTS



| Series | Shaft Size | Part No.      | Description  |
|--------|------------|---------------|--------------|
| 203    | 1/2        | <b>389923</b> | INS-VSC-008  |
|        | 5/8        | <b>389924</b> | INS-VSC-010  |
|        | 17mm       | <b>125636</b> | INS-VSC-17M  |
| 204    | 3/4        | <b>389925</b> | INS-VSC-012  |
|        | 20mm       | <b>125637</b> | INS-VSC-20M  |
| 205    | 7/8        | <b>389936</b> | INS-VSC-014  |
|        | 15/16      | <b>389937</b> | INS-VSC-015  |
|        | 1          | <b>389926</b> | INS-VSC-100  |
|        | 25mm       | <b>125638</b> | INS-VSC-25M  |
| 206    | 1-1/8      | <b>389938</b> | INS-VSC-102  |
|        | 1-3/16     | <b>389927</b> | INS-VSC-103  |
|        | 1-1/4      | <b>389934</b> | INS-VSC-104S |
|        | 30mm       | <b>123235</b> | INS-VSC-30M  |
| 207    | 1-1/4      | <b>389928</b> | INS-VSC-104  |
|        | 1-3/8      | <b>389939</b> | INS-VSC-106  |
|        | 1-7/16     | <b>389929</b> | INS-VSC-107  |
|        | 35mm       | <b>125639</b> | INS-VSC-35M  |
| 208    | 1-1/2      | <b>389930</b> | INS-VSC-108  |
|        | 40mm       | <b>125640</b> | INS-VSC-40M  |
| 209    | 1-11/16    | <b>389940</b> | INS-VSC-111  |
|        | 1-3/4      | <b>389941</b> | INS-VSC-112  |
|        | 45mm       | <b>125641</b> | INS-VSC-45M  |
| 210    | 1-15/16    | <b>389931</b> | INS-VSC-115  |
|        | 2          | <b>389932</b> | INS-VSC-200  |
|        | 50mm       | <b>125642</b> | INS-VSC-50M  |
| 211    | 2          | <b>389935</b> | INS-VSC-200L |
|        | 2-3/16     | <b>389933</b> | INS-VSC-203  |
|        | 55mm       | <b>125643</b> | INS-VSC-55M  |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings VSC INTERMEDIATE DUTY BEARING INSERTS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

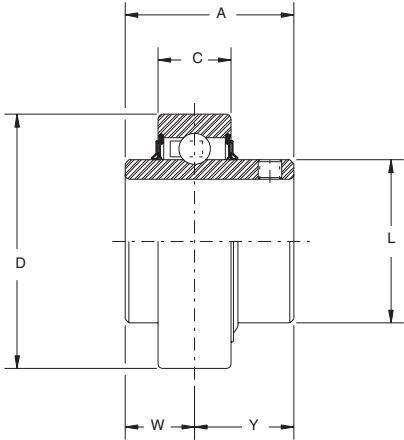
| Series | Shaft Size | Weight lbs.<br>kg. | A       | C      | D      | J     | L       | N         | W     | Y      |
|--------|------------|--------------------|---------|--------|--------|-------|---------|-----------|-------|--------|
| 203    | 1/2        | 0.23               | 15/16   | 0.5110 | 1.5748 | 0.150 | 31/32   | 10-32     | 19/64 | 41/64  |
|        | 5/8        | 0.21               |         |        |        |       |         |           |       |        |
|        | 17mm       | 0.10               | 23.8    | 13.0   | 40.0   | 3.8   | 24.6    | M5 x 8    | 7.5   | 16.3   |
| 204    | 3/4        | 0.25               | 1-1/16  | 0.5906 | 1.8504 | 0.152 | 1-21/64 | 1/4-28    | 21/64 | 49/64  |
|        | 20mm       | 0.11               | 27.0    | 15.0   | 47.0   | 3.9   | 28.6    | M6 x 1    | 8.3   | 18.7   |
|        |            |                    |         |        |        |       |         |           |       |        |
| 205    | 7/8        | 0.41               | 1-3/32  | 0.5906 | 2.0472 | 0.152 | 1-37/64 | 5/16-24   | 25/64 | 29/32  |
|        | 15/16      | 0.38               |         |        |        |       |         |           |       |        |
|        | 1          | 0.25               |         |        |        |       |         |           |       |        |
| 206    | 25mm       | 0.17               | 27.8    | 15.0   | 52.0   | 3.9   | 33.7    | M6 x 1    | 8.3   | 19.4   |
|        | 1-1/8      | 0.61               | 1-19/64 | 0.7067 | 2.4409 | 0.190 | 1-27/32 | 5/16-24   | 13/32 | 1-1/32 |
|        | 1-3/16     | 0.58               |         |        |        |       |         |           |       |        |
| 207    | 1-1/4      | 0.56               |         |        |        |       |         |           |       |        |
|        | 30mm       | 0.25               | 32.9    | 18.0   | 62.0   | 4.8   | 40.1    | M8 x 1.25 | 9.9   | 23.0   |
|        |            |                    |         |        |        |       |         |           |       |        |
| 208    | 1-1/4      | 0.92               | 1-7/16  | 0.7480 | 2.8346 | 0.202 | 2-3/64  | 5/16-24   | 15/32 | 1-3/32 |
|        | 1-3/8      | 0.88               |         |        |        |       |         |           |       |        |
|        | 1-7/16     | 0.75               |         |        |        |       |         |           |       |        |
| 209    | 35mm       | 0.38               | 36.5    | 19.0   | 72.0   | 5.1   | 46.8    | M8 x 1.25 | 10.3  | 26.2   |
|        | 1-1/2      | 1.20               | 1-9/16  | 0.8661 | 3.1496 | 0.224 | 2-7/32  | 5/16-24   | 15/32 | 1-1/8  |
|        | 40mm       | 0.52               | 39.7    | 22.0   | 80.0   | 5.7   | 52.0    | M8 x 1.25 | 11.9  | 27.8   |
| 210    | 1-11/16    | 1.41               | 1-19/32 | 0.8661 | 3.3465 | 0.248 | 2-7/16  | 3/8-24    | 15/32 | 1-5/32 |
|        | 1-3/4      | 1.34               |         |        |        |       |         |           |       |        |
|        | 45mm       | 0.61               | 40.5    | 22.0   | 85.0   | 6.3   | 56.4    | M8 x 1.25 | 11.9  | 28.6   |
| 211    | 1-15/16    | 1.46               | 1-5/8   | 0.8661 | 3.5433 | 0.248 | 2-23/32 | 3/8-24    | 1/2   | 1-7/32 |
|        | 2          | 1.37               |         |        |        |       |         |           |       |        |
|        | 50mm       | 0.63               | 41.3    | 22.0   | 90.0   | 6.3   | 61.9    | M10 x 1.5 | 11.9  | 29.4   |
| 211    | 2          | 2.24               | 1-23/32 | 0.9449 | 3.9370 | 0.267 | 2-23/32 | 3/8-24    | 1/2   | 1-7/32 |
|        | 2-3/16     | 1.95               |         |        |        |       |         |           |       |        |
|        | 55mm       | 0.97               | 43.7    | 24.0   | 100.0  | 6.8   | 69.1    | M10 x 1.5 | 12.7  | 31.0   |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings CC BALL BEARING FAN AND BLOWER INSERTS



| Series | Shaft Size | Part No.      | Description |
|--------|------------|---------------|-------------|
| 205    | 15/16      | <b>134161</b> | INS-CC-015  |
|        | 1          | <b>134162</b> | INS-CC-100  |
| 206    | 1-1/8      | <b>134164</b> | INS-CC-102  |
|        | 1-3/16     | <b>134165</b> | INS-CC-103  |
| 207    | 1-1/4      | <b>134166</b> | INS-CC-104  |
|        | 1-3/8      | <b>134168</b> | INS-CC-106  |
|        | 1-7/16     | <b>134169</b> | INS-CC-107  |
| 209    | 1-11/16    | <b>134170</b> | INS-CC-111  |
|        | 1-3/4      | <b>134171</b> | INS-CC-112  |
| 210    | 1-15/16    | <b>134172</b> | INS-CC-115  |
| 211    | 2-3/16     | <b>134174</b> | INS-CC-203  |

|                                |                           |                        |                                         |
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# SELECTION/DIMENSIONS



## Setscrew Ball Bearings CC BALL BEARING FAN AND BLOWER INSERTS

| Series | Shaft Size               | Weight lbs.          | A       | Nominal C<br>in/mm | Nominal D<br>in/mm | L       | W     | Y       |
|--------|--------------------------|----------------------|---------|--------------------|--------------------|---------|-------|---------|
| 205    | 15/16<br>1               | .54<br>.51           | 1-23/64 | .5906<br>15        | 2.0472<br>52       | 1-5/16  | 9/16  | 51/64   |
| 206    | 1-1/8<br>1-3/16          | .89<br>.83           | 1-9/16  | .6299<br>16        | 2.4409<br>62       | 1-19/32 | 39/64 | 61/64   |
| 207    | 1-1/4<br>1-3/8<br>1-7/16 | 1.44<br>1.26<br>1.20 | 1-49/64 | .6693<br>17        | 2.8346<br>72       | 1-27/32 | 21/32 | 1-7/64  |
| 209    | 1-11/16<br>1-3/4         | 1.87<br>1.82         | 2-1/32  | .7480<br>19        | 3.3465<br>85       | 2-9/32  | 51/64 | 1-15/64 |
| 210    | 1-15/16                  | 2.18                 | 2-3/32  | .7874<br>20        | 3.5433<br>90       | 2-15/32 | 53/64 | 1-17/64 |
| 211    | 2-3/16                   | 2.88                 | 2-1/4   | .8268<br>21        | 3.9370<br>100      | 2-3/4   | 27/32 | 1-13/32 |

The insert is relubricated through the back seal area of the bearing.

|                                |                           |                        |                                         |
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# MODIFICATIONS/ ACCESSORIES



## Setscrew Ball Bearings

### LUBRICANTS

DODGE ball bearings are factory lubricated with Shell Alvania #2 lubricant. For applications where extreme ambient temperatures or speeds are anticipated or environmental considerations require a different lubricant, DODGE has a wide variety of lubricants available. Special lubricant options usually require set-up charges and premiums

### SEALS

The PROGUARD PLUS seal is a highly effective positive contact, land riding seal with flingers pressed on to each side of the inner ring offering added protection from wash down or extreme contamination. For high speeds or where seal drag would be an impediment, an all metallic labyrinth seal is available.

### HIGH TEMPERATURE

DODGE high temperature bearings are designed to operate in temperatures from 225°F (108°C) to 400°F (205°C). The bearings have adjusted internal clearances, metallic labyrinth seals, high temperature retainers, heat stabilized outer rings, and lubricants to meet the temperature needs of the application. To insure proper replacement, the bearing is identified by a six digit part number etched on a stainless steel nameplate riveted to the housing. The part number identifies the specific feature of the bearing. High temperature bearings are factory assembled to order and are available at extra cost. Consult Dodge Engineering for application assistance at (864)297-4800 or fax (864)281-2317.

### AIR HANDLING

Industrial fans and blowers generally operate at high speeds with bearing requirements of long life and quiet operation. Dodge stocks SC, and SCM Air Handling Pillow Blocks and flange bearings that are specifically designed to meet the requirements of the air handling industry. These bearings are 100% noise tested, and have an air handling fit for long life and quiet operation. These bearings are recommended for fan and blower applications. Sizes and housing configurations not listed can be supplied on a made to order basis.

### HOUSING MATERIAL

For extra corrosion resistance, a variety of housing finishes are available. Special materials include stainless steel or polymer housing, as an option. These coatings conform to U.S.D.A. and F.D.A. requirements. SC and SCM inserts can be supplied with a corrosion resistant coating on the inner and outer rings, stainless steel balls and set-screws, and nickel plated flingers as well as F.D.A. lubricant.

### OTHER MODIFICATIONS

For applications requiring modifications not listed, we encourage you to contact our Customer Order Engineering Department at (864)284-5700 or fax (864)281-2317.

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# RELATED PRODUCTS



## Setscrew Ball Bearings HIGH TEMPERATURE SC & SCM BALL BEARINGS

| Series       | Shaft Size | Pillow Blocks |                 | 2 Bolt Flanges |                | 4 Bolt Flanges |                |
|--------------|------------|---------------|-----------------|----------------|----------------|----------------|----------------|
|              |            | Part Number   | Description     | Part Number    | Description    | Part Number    | Description    |
| 204          | 1/2        | @             | P2B-SC-008L-HT  | <b>054843</b>  | F2B-SC-008L-HT | @              | F4B-SC-008L-HT |
|              | 5/8        | @             | P2B-SC-010L-HT  | <b>057474</b>  | F2B-SC-010L-HT | @              | F4B-SC-010L-HT |
|              | 3/4        | <b>053670</b> | P2B-SC-012-HT   | <b>052618</b>  | F2B-SC-012-HT  | <b>058263</b>  | F4B-SC-012-HT  |
|              | 20 mm      | @             | P2B-SC-20M-HT   | @              | F2B-SC-20M-HT  | @              | F4B-SC-20M-HT  |
| 205          | 7/8        | @             | P2B-SC-014-HT   | <b>051906</b>  | F2B-SC-014-HT  | @              | F4B-SC-014-HT  |
|              | 15/16      | @             | P2B-SC-015-HT   | <b>056864</b>  | F2B-SC-015-HT  | <b>054190</b>  | F4B-SC-015-HT  |
|              | 1          | <b>051513</b> | P2B-SC-100-HT   | <b>052294</b>  | F2B-SC-100-HT  | <b>052015</b>  | F4B-SC-100-HT  |
|              | 25 mm      | @             | P2B-SC-25M-HT   | <b>059821</b>  | F2B-SC-25M-HT  | @              | F4B-SC-25M-HT  |
| 206          | 1          | <b>054782</b> | P2B-SCM-100-HT  | @              | F2B-SCM-100-HT | @              | F4B-SCM-100-HT |
|              | 1-1/8      | @             | P2B-SC-102-HT   | <b>062877</b>  | F2B-SC-102-HT  | @              | F4B-SC-102-HT  |
|              | 1-3/16     | <b>053169</b> | P2B-SC-103-HT   | <b>052604</b>  | F2B-SC-103-HT  | <b>054419</b>  | F4B-SC-103-HT  |
|              | 1-1/4      | <b>062829</b> | P2B-SC-104S-HT  | @              | F2B-SC-104S-HT | <b>049462</b>  | F4B-SC-104S-HT |
|              | 30 mm      | @             | P2B-SC-30M-HT   | @              | F2B-SC-30M-HT  | <b>054534</b>  | F4B-SC-30M-HT  |
| 206<br>(SCU) | 1-1/8      | @             | P2B-SCU-102-HT  | -----          | -----          | -----          | -----          |
|              | 1-3/16     | <b>059737</b> | P2B-SCU-103-HT  | -----          | -----          | -----          | -----          |
|              | 1-1/4      | <b>057847</b> | P2B-SCU-104S-HT | -----          | -----          | -----          | -----          |
|              | 30 mm      | @             | P2B-SCU-30M-HT  | -----          | -----          | -----          | -----          |
| 207          | 1-3/16     | <b>054314</b> | P2B-SCM-103-HT  | @              | F2B-SCM-103-HT | @              | F4B-SCM-103-HT |
|              | 30mm       | @             | P2B-SCM-30M-HT  | <b>059673</b>  | F2B-SCM-30M-HT | @              | F4B-SCM-30M-HT |
|              | 1-1/4      | <b>058262</b> | P2B-SC-104-HT   | <b>052311</b>  | F2B-SC-104-HT  | <b>051826</b>  | F4B-SC-104-HT  |
|              | 1-3/8      | @             | P2B-SC-106-HT   | @              | F2B-SC-106-HT  | @              | F4B-SC-106-HT  |
|              | 1-7/16     | <b>050189</b> | P2B-SC-107-HT   | <b>054300</b>  | F2B-SC-107-HT  | @              | F4B-SC-107-HT  |
|              | 1-7/16     | <b>052531</b> | P2B-SCB-107-HT  | -----          | -----          | -----          | -----          |
| 208          | 35 mm      | @             | P2B-SC-35M-HT   | @              | F2B-SC-35M-HT  | <b>058690</b>  | F4B-SC-35M-HT  |
|              | 1-7/16     | <b>054276</b> | P2B-SCM-107-HT  | @              | F2B-SCM-107-HT | <b>054342</b>  | F4B-SCM-107-HT |
|              | 1-1/2      | <b>057338</b> | P2B-SC-108-HT   | <b>054203</b>  | F2B-SC-108-HT  | <b>051827</b>  | F4B-SC-108-HT  |
|              | 1-5/8      | @             | P2B-SC-110-HT   | @              | F2B-SC-110-HT  | <b>058194</b>  | F4B-SC-110-HT  |
|              | 40 mm      | <b>062572</b> | P2B-SC-40M-HT   | @              | F2B-SC-40M-HT  | @              | F4B-SC-40M-HT  |

@ Assembled to order.

|                                |                        |                                    |                                         |
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# RELATED PRODUCTS



## Setscrew Ball Bearings HIGH TEMPERATURE SC & SCM BALL BEARINGS

| Series | Shaft Size | Pillow Blocks |                | 2 Bolt Flanges |                | 4 Bolt Flanges |                |
|--------|------------|---------------|----------------|----------------|----------------|----------------|----------------|
|        |            | Part Number   | Description    | Part Number    | Description    | Part Number    | Description    |
| 209    | 1-1/2      | <b>058380</b> | P2B-SCM-108-HT | <b>054203</b>  | F2B-SCM-108-HT | <b>064557</b>  | F4B-SCM-108-HT |
|        | 1-5/8      | @             | P2B-SC-110L-HT | @              | F2B-SC-110L-HT | @              | F4B-SC-110L-HT |
|        | 1-11/16    | <b>053563</b> | P2B-SC-111-HT  | @              | F2B-SC-111-HT  | <b>057212</b>  | F4B-SC-111-HT  |
|        | 1-11/16    | <b>058619</b> | P2B-SCB-111-HT | -----          | -----          | -----          | -----          |
|        | 1-3/4      | @             | P2B-SC-112-HT  | <b>062157</b>  | F2B-SC-112-HT  | <b>051825</b>  | F4B-SC-112-HT  |
|        | 45 mm      | @             | P2B-SC-45M-HT  | @              | F2B-SC-45M-HT  | @              | F4B-SC-45M-HT  |
| 210    | 1-11/16    | <b>054315</b> | P2B-SCM-111-HT | @              | F2B-SCM-111-HT | <b>054593</b>  | F4B-SCM-111-HT |
|        | 1-3/4      | @             | P2B-SCM-112-HT | <b>057114</b>  | F2B-SCM-112-HT | <b>057368</b>  | F4B-SCM-112-HT |
|        | 1-15/16    | <b>052047</b> | P2B-SC-115-HT  | @              | F2B-SC-115-HT  | <b>052048</b>  | F4B-SC-115-HT  |
|        | 1-15/16    | <b>052532</b> | P2B-SCB-115-HT | -----          | -----          | -----          | -----          |
|        | 2          | <b>058183</b> | P2B-SC-200-HT  | <b>062309</b>  | F2B-SC-200-HT  | <b>057132</b>  | F4B-SC-200-HT  |
|        | 50 mm      | @             | P2B-SC-50M-HT  | <b>062779</b>  | F2B-SC-50M-HT  | @              | F4B-SC-50M-HT  |
| 211    | 1-15/16    | <b>052276</b> | P2B-SCM-115-HT | @              | F2B-SCM-115-HT | <b>057363</b>  | F4B-SCM-115-HT |
|        | 2          | <b>054934</b> | P2B-SCM-200-HT | @              | F2B-SCM-200-HT | <b>054065</b>  | F4B-SCM-200-HT |
|        | 2-3/16     | <b>053955</b> | P2B-SC-203-HT  | <b>059954</b>  | F2B-SC-203-HT  | <b>058852</b>  | F4B-SC-203-HT  |
|        | 2-1/4      | @             | P2B-SC-204-HT  | @              | F2B-SC-204-HT  | <b>054918</b>  | F4B-SC-204-HT  |
|        | 55mm       | @             | P2B-SC-55M-HT  | @              | F2B-SC-55M-HT  | <b>049894</b>  | F4B-SC-55M-HT  |
|        |            |               |                |                |                |                |                |
| 212    | 2-3/16     | <b>054412</b> | P2B-SCM-203-HT | @              | F2B-SCM-203-HT | @              | F4B-SCM-203-HT |
|        | 2-1/4      | @             | P2B-SCM-204-HT | @              | F2B-SCM-204-HT | @              | F4B-SCM-204-HT |
|        | 2-7/16     | <b>059614</b> | P2B-SC-207-HT  | @              | F2B-SC-207-HT  | <b>057487</b>  | F4B-SC-207-HT  |
|        | 60 mm      | <b>057800</b> | P2B-SC-60M-HT  | <b>057800</b>  | F2B-SC-60M-HT  | <b>057801</b>  | F4B-SC-60M-HT  |
|        |            |               |                |                |                |                |                |
|        |            |               |                |                |                |                |                |
| 214    | 2-7/16     | <b>054316</b> | P2B-SCM-207-HT | -----          | -----          | <b>054917</b>  | F4B-SCM-207-HT |
|        | 2-1/2      | @             | P2B-SCM-208-HT | -----          | -----          | <b>056630</b>  | F4B-SCM-208-HT |
|        | 2-11/16    | @             | P2B-SC-211-HT  | -----          | -----          | @              | F4B-SC-211-HT  |
|        | 70 mm      | @             | P2B-SC-70M-HT  | -----          | -----          | @              | F4B-SC-70M-HT  |
| 215    | 2-15/16    | <b>056588</b> | P2B-SC-215-HT  | -----          | -----          | <b>052550</b>  | F4B-SC-215-HT  |
|        | 75 mm      | @             | P2B-SC-75M-HT  | -----          | -----          | @              | F4B-SC-75M-HT  |
| 216    | 2-15/16    | <b>054556</b> | P2B-SCM-215-HT | -----          | -----          | <b>052478</b>  | F4B-SCM-215-HT |
|        | 3          | @             | P2B-SCM-300-HT | -----          | -----          | <b>059696</b>  | F4B-SCM-300-HT |
|        | 75mm       | @             | P2B-SCM-75M-HT | -----          | -----          | <b>062182</b>  | F4B-SCM-75M-HT |
| 218    | 3-7/16     | <b>049991</b> | P2B-SCM-307-HT | -----          | -----          | <b>057708</b>  | F4B-SCM-307-HT |
|        | 3-1/2      | @             | P2B-SCM-308-HT | -----          | -----          | <b>058633</b>  | F4B-SCM-308-HT |

@ Assembled to order.

|                                |                        |                                    |                                         |
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# RELATED PRODUCTS



## Setscrew Ball Bearings HIGH TEMPERATURE SC & SCM BALL BEARINGS

| Series | Shaft  | Tapped Base Pillow Blocks |              | Flanged Bracket |              |
|--------|--------|---------------------------|--------------|-----------------|--------------|
|        | Size   | Part Number               | Description  | Part Number     | Description  |
| 204    | 3/4    | <b>059636</b>             | TB-SC-012-HT | @               | FB-SC-012-HT |
| 205    | 1      | <b>057906</b>             | TB-SC-100-HT | @               | FB-SC-100-HT |
| 207    | 1-1/4  | @                         | TB-SC-104-HT | <b>056578</b>   | FB-SC-104-HT |
| 211    | 2-3/16 | <b>050555</b>             | TB-SC-203-HT |                 |              |

| Series | Shaft  | Non Expansion Pillow Blocks |                | Expansion Pillow Blocks |                 |
|--------|--------|-----------------------------|----------------|-------------------------|-----------------|
|        | Size   | Part Number                 | Description    | Part Number             | Description     |
| 206    | 1-3/16 | <b>054062</b>               | P2B-SCH-103-HT | <b>054063</b>           | P2B-SCH-103-EHT |
| 207    | 1-7/16 | <b>053894</b>               | P2B-SCH-107-HT | <b>053895</b>           | P2B-SCH-107-EHT |

| Series | Shaft   | Piloted Flanges |               |
|--------|---------|-----------------|---------------|
|        | Size    | Part Number     | Description   |
| 206    | 1       | <b>058652</b>   | FC-SCM-100-HT |
| 208    | 1-1/2   | <b>053871</b>   | FC-SC-108-HT  |
|        | 1-1/2   | <b>057683</b>   | FC-SCM-108-HT |
| 211    | 1-15/16 | <b>058915</b>   | FC-SCM-115-HT |
|        | 2-1/4   | <b>058233</b>   | FC-SC-204-HT  |
| 212    | 2-7/16  | <b>058738</b>   | FC-SC-207-HT  |
|        | 55 mm   | <b>054837</b>   | FC-SCM-55M-HT |
| 216    | 2-15/16 | <b>054831</b>   | FC-SCM-215-HT |
|        | 3       | <b>056911</b>   | FC-SCM-300-HT |

| Series | Shaft   | Wide Slot Take-up |                 | Narrow Slot Take-up |                 |
|--------|---------|-------------------|-----------------|---------------------|-----------------|
|        | Size    | Part Number       | Description     | Part Number         | Description     |
| 210    | 1-15/16 | <b>057265</b>     | WSTU-SC-115-HT  | <b>054580</b>       | NSTU-SC-115-HT  |
| 211    | 55 mm   | <b>049893</b>     | WSTU-SC-55M-HT  | @                   | NSTU-SC-55M-HT  |
|        | 1-15/16 | <b>049891</b>     | WSTU-SCM-115-HT | @                   | NSTU-SCM-115-HT |
| 212    | 2-7/16  | <b>057839</b>     | WSTU-SC-207-HT  | @                   | NSTU-SC-207-HT  |
| 214    | 2-7/16  | <b>049811</b>     | WSTU-SCM-207-HT | @                   | -----           |
| 215    | 2-15/16 | <b>059844</b>     | WSTU-SC-215-HT  | @                   | -----           |

@ Assembled to order.

|                                |                        |                                    |                                         |
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RELATED PRODUCTS

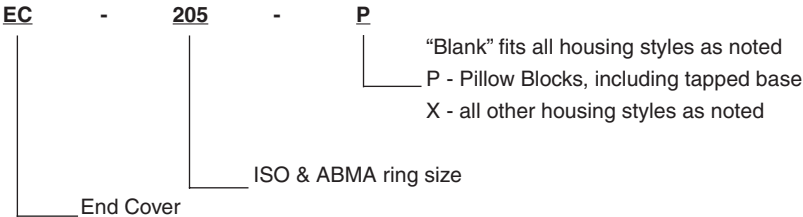


DODGE Ball Bearing End Covers\*



- \* Fits all styles of DODGE cast iron housed ball bearings: Pillow Blocks, 2 and 4 Bolt Flanges, and Take-Up bearings
- \* Injected molded, impact resistant, OSHA safety yellow end covers meet requirements for exposed rotating shafts
- \* Stainless steel "C" Washer for gripping power
- \* No modification or machining of existing housings required
- \* Concentric knockout grooves on inside of end cover for thru-shaft
- \* DODGE six digit part number and description embossed inside
- \* Operating temperature to 250°F
- \* For non relubricable/sealed for life applications (-NL), part number **430020** hex head plug is available

Nomenclature



|                                |                        |                                    |                                         |
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# RELATED PRODUCTS



## DODGE Ball Bearing End Covers\*

| Series | Pillow Blocks<br>Std, U, B | Tapped<br>Base PB | 2 Bolt<br>Flange | Flanged<br>Bracket | 4 Bolt<br>Flange | Piloted<br>Flange<br>(FC) | Narrow<br>Slot<br>Take-Up | Wide<br>Slot<br>Take-Up |
|--------|----------------------------|-------------------|------------------|--------------------|------------------|---------------------------|---------------------------|-------------------------|
| 203    | X                          |                   | X                |                    | X                |                           |                           |                         |
| 204    | X                          | X                 | X                | X                  | X                |                           | X                         | X                       |
| 205    | X                          | X                 | X                | X                  | X                |                           | X                         | X                       |
| 206    | X                          | X                 | X                | X                  | X                | @                         | X                         | X                       |
| 207    | X                          | X                 | X                | X                  | X                | @                         | X                         | X                       |
| 208    | X                          | X                 | X                |                    | X                | @                         | X                         | X                       |
| 209    | X                          | X                 | X                |                    | X                | @                         | X                         | X                       |
| 210    | X                          | X                 | X                | X                  | X                | @                         | X                         | X                       |
| 211    | X                          | X                 | X                |                    | X                | NA                        | X                         | X                       |
| 212    | X                          |                   | X                |                    | X                | NA                        | X                         | X                       |
| 214    | X                          |                   |                  |                    | X                | NA                        |                           | X                       |
| 215    | X                          |                   |                  |                    | X                |                           |                           | X                       |
| 216    | X                          |                   |                  |                    | X                | X                         |                           | X                       |
| 218    | X                          |                   |                  |                    | X                | X                         |                           |                         |

\* = Will not fit LF, LFT, SCHB, HNGB & CYL

@ = Some modification required

NA = Will not fit

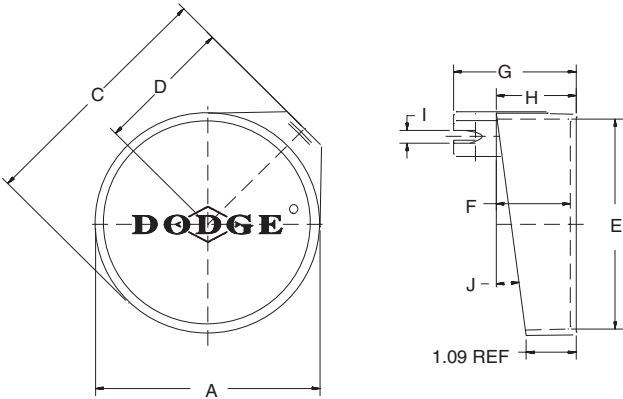
X = Will fit

|                                |                        |                                    |                                         |
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# RELATED PRODUCTS



## Setscrew Ball Bearings BALL BEARING END COVERS FOR PILLOW BLOCKS & TAPPED BASE UNITS



| Series | Shaft Size*            |                          | Part Number   | Description |
|--------|------------------------|--------------------------|---------------|-------------|
|        | SC, VSC, DL, SXR, SXV  | SCM, DLM, SCH, SXRH, DLH |               |             |
| 203    | 1/2 & 5/8<br>17mm      | -----                    | <b>128200</b> | EC-203-P    |
| 204    | 1/2 - 3/4<br>20mm      | -----                    | <b>128202</b> | EC-204-P    |
| 205    | 7/8 - 1<br>25mm        | -----                    | <b>128204</b> | EC-205-P    |
| 206    | 1-1/16 - 1-1/4<br>30mm | 1<br>25mm                | <b>128206</b> | EC-206-P    |
| 207    | 1-1/4 - 1-7/16<br>35mm | 1-3/8 & 1-1/4<br>30mm    | <b>128208</b> | EC-207-P    |
| 208    | 1-1/2 - 1-5/8<br>40mm  | 1-7/16<br>35mm           | <b>128210</b> | EC-208-P    |
| 209    | 1-5/8 - 1-3/4<br>45mm  | 1-1/2<br>40mm            | <b>128212</b> | EC-209-P    |
| 210    | 1-15/16 & 2<br>50mm    | 1-11/16 & 1-3/4<br>45mm  | <b>128214</b> | EC-210-P    |
| 211    | 2 - 2-1/4<br>55mm      | 1-15/16 & 2<br>50mm      | <b>128216</b> | EC-211-P    |
| 212    | 2-1/4 - 2-7/16<br>60mm | 2-3/16 - 2-1/4<br>55mm   | <b>128218</b> | EC-212-P    |

\*NOTE: SCH, SXRH, and DLH use the next larger end cover. E.g. A P2B-DLH-103 would use a EC-207-P.

For no re-lube (\_NL) applications, part number **430030**, hex head plus is available

|                                |                        |                                    |                                         |
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# RELATED PRODUCTS



## Setscrew Ball Bearings

### BALL BEARING END COVERS FOR PILLOW BLOCKS & TAPPED BASE UNITS

| Series | Shaft Size*              |                                | A                | B                | C                | D               | E                | F                | G               | H               | I             | J     |
|--------|--------------------------|--------------------------------|------------------|------------------|------------------|-----------------|------------------|------------------|-----------------|-----------------|---------------|-------|
|        | SC, VSC,<br>DL, SXR, SXV | SCM, DLM,<br>SCH, SXRH,<br>DLH |                  |                  |                  |                 |                  |                  |                 |                 |               |       |
| 203    | 1/2 & 5/8<br>17mm        | -----                          | 1-25/32<br>45.2  | 1-43/64<br>42.4  | 2-7/64<br>53.6   | 1-3/32<br>27.7  | 1-41/64<br>41.7  | 49/64<br>19.56   | 1-29/64<br>37.1 | 29/32<br>22.9   | 1/4<br>6.4    | 9°    |
| 204    | 1/2 - 3/4<br>20mm        | -----                          | 2-3/64<br>52.0   | 1-27/32<br>46.7  | 2-37/64<br>65.3  | 1-19/64<br>33.0 | 1-55/64<br>47.2  | 1-1/64<br>25.65  | 1-49/64<br>45.0 | 1-5/32<br>29.5  | 5/16<br>7.9   | 11°   |
| 205    | 7/8 - 1<br>25mm          | -----                          | 2-3/8<br>60.2    | 2-3/16<br>55.6   | 2-13/16<br>71.4  | 1-3/16<br>35.0  | 2-5/32<br>54.9   | 1-1/16<br>26.92  | 1-7/8<br>47.8   | 1-7/32<br>31.0  | 11/32<br>8.6  | 9°    |
| 206    | 1-1/16 - 1-1/4<br>30mm   | 1<br>25mm                      | 2-47/64<br>69.3  | 2-17/32<br>64.3  | 3-21/64<br>84.3  | 1-45/64<br>43.2 | 2-1/2<br>63.5    | 1-15/64<br>31.5  | 2-5/32<br>54.9  | 1-13/32<br>35.6 | 23/64<br>8.9  | 9°    |
| 207    | 1-1/4 - 1-7/16<br>35mm   | 1-3/6 & 1-1/4<br>30mm          | 3-1/4<br>82.6    | 3<br>76.20       | 3-51/64<br>96.3  | 1-29/32<br>48.5 | 3-1/64<br>76.7   | 1-5/16<br>33.27  | 2-11/32<br>59.4 | 1-31/64<br>37.6 | 3/8<br>9.4    | 7° 3' |
| 208    | 1-1/2 - 1-5/8<br>40mm    | 1-7/16<br>35mm                 | 3-3/8<br>85.9    | 3-1/8<br>79.5    | 4<br>101.60      | 2-1/16<br>52.3  | 3-7/64<br>79.0   | 1-19/64<br>33.02 | 2-13/32<br>61.0 | 1-1/2<br>38.1   | 27/64<br>10.7 | 6°    |
| 209    | 1-5/8 - 1-3/4<br>45mm    | 1-1/2<br>40mm                  | 3-11/16<br>93.7  | 3-15/32<br>88.1  | 4-17/64<br>108.2 | 2-11/64<br>55.1 | 3-13/32<br>86.6  | 1-21/64<br>33.78 | 2-21/64<br>59.2 | 1-17/32<br>38.9 | 25/64<br>9.9  | 7°    |
| 210    | 1-15/16 & 2<br>50mm      | 1-11/16 & 1-3/4<br>45mm        | 3-7/8<br>98.6    | 3-37/64<br>90.9  | 4-1/2<br>114.3   | 2-19/32<br>59.2 | 3-37/64<br>90.9  | 1-23/64<br>34.29 | 2-1/2<br>63.5   | 1-9/16<br>39.6  | 31/64<br>12.5 | 9°    |
| 211    | 2 - 2-1/4<br>55mm        | 1-15/16 & 2<br>50mm            | 4-27/64<br>12.3  | 4<br>101.60      | 5-1/16<br>128.5  | 2-19/32<br>66.0 | 4-1/8<br>104.7   | 1-13/32<br>35.81 | 2-37/64<br>65.3 | 1-5/8<br>41.2   | 29/64<br>11.4 | 7°    |
| 212    | 2-1/4 - 2-7/16<br>60mm   | 2-3/16 - 2-1/4<br>55mm         | 4-59/64<br>125.0 | 4-15/32<br>113.3 | 5-29/64<br>138.7 | 2-3/4<br>69.9   | 4-39/64<br>117.1 | 1-17/32<br>38.86 | 2-11/16<br>68.3 | 1-3/4<br>44.5   | 13/32<br>10.4 | 8°    |

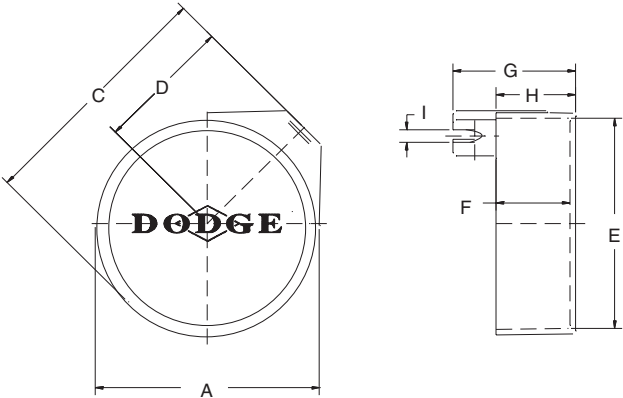
|                                |                        |                                    |                                         |
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# RELATED PRODUCTS



## Setscrew Ball Bearings

### BALL BEARING END COVERS FOR MOUNTED UNITS OTHER THAN PILLOW BLOCKS & TAPPED BASE UNITS



| Series | Shaft Size*            |                         | Part Number   | Description |
|--------|------------------------|-------------------------|---------------|-------------|
|        | SC, VSC, DL, SXR, SXV  | SCM & DLM               |               |             |
| 203    | 1/2 & 5/8<br>17mm      | -----<br>-----          | <b>128201</b> | EC-203-X    |
| 204    | 1/2 - 3/4<br>20mm      | -----<br>-----          | <b>128203</b> | EC-204-X    |
| 205    | 7/8 - 1<br>25mm        | -----<br>-----          | <b>128205</b> | EC-205-X    |
| 206    | 1-1/16 - 1-1/4<br>30mm | 1<br>25mm               | <b>128207</b> | EC-206-X    |
| 207    | 1-1/4 - 1-7/16<br>35mm | 1-3/6 & 1-1/4<br>30mm   | <b>128209</b> | EC-207-X    |
| 208    | 1-1/2 - 1-5/8<br>40mm  | 1-7/1<br>635mm          | <b>128211</b> | EC-208-X    |
| 209    | 1-5/8 - 1-3/4<br>45mm  | 1-1/2<br>40mm           | <b>128213</b> | EC-209-X    |
| 210    | 1-15/16 & 2<br>50mm    | 1-11/16 & 1-3/4<br>45mm | <b>128215</b> | EC-210-X    |
| 211    | 2 - 2-1/4<br>55mm      | 1-15/16 & 2<br>50mm     | <b>128217</b> | EC-211-X    |
| 212    | 2-1/4 - 2-7/16<br>60mm | 2-3/16 - 2-1/4<br>55mm  | <b>128219</b> | EC-212-X    |

\*NOTE: Above end covers will not fit the LF and LFT bearings  
For no re-lube (\_NL) applications, part number **430030**, hex head plus is available

|                                |                        |                                    |                                         |
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# RELATED PRODUCTS



## Setscrew Ball Bearings

**BALL BEARING END COVERS FOR MOUNTED UNITS OTHER THAN PILLOW BLOCKS & TAPPED BASE UNITS**

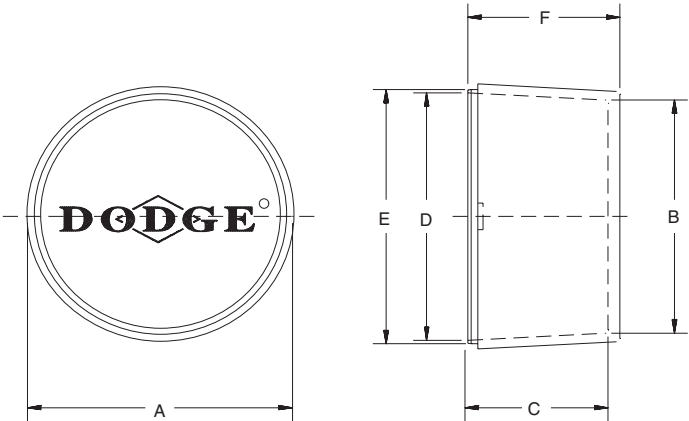
| Series | Shaft Size*              |                         | Weight<br>lbs<br>gm | A                | B                | C                | D               | E                | F               | G               | H               | I             |
|--------|--------------------------|-------------------------|---------------------|------------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|-----------------|---------------|
|        | SC, VSC,<br>DL, SXR, SXV | SCM & DLM               |                     |                  |                  |                  |                 |                  |                 |                 |                 |               |
| 203    | 1/2 & 5/8<br>17mm        | -----<br>-----          | 0.02<br>1           | 1-51/64<br>45.5  | 1-43/64<br>42.4  | 2-13/64<br>56.1  | 1-3/16<br>30.2  | 1-41/64<br>41.7  | 51/64<br>20.3   | 1-29/64<br>37.1 | 15/16<br>23.9   | 1/4<br>6.4    |
| 204    | 1/2 - 3/4<br>20mm        | -----<br>-----          | 0.03<br>15          | 2-7/32<br>56.1   | 2<br>50.8        | 2-47/64<br>69.6  | 1-25/64<br>35.3 | 2-1/32<br>51.6   | 1-1/64<br>25.7  | 1-13/16<br>45.7 | 1-5/32<br>29.5  | 5/16<br>7.9   |
| 205    | 7/8 - 1<br>25mm          | -----<br>-----          | 0.05<br>24          | 2-3/8<br>60.2    | 2-3/16<br>55.6   | 3-3/64<br>77.2   | 1-19/32<br>40.6 | 2-5/32<br>54.9   | 1-1/64<br>25.7  | 1-53/64<br>46.5 | 1-11/64<br>29.7 | 11/32<br>8.7  |
| 206    | 1-1/16 - 1-1/4<br>30mm   | 1<br>25mm               | 0.08<br>36          | 2-47/64<br>69.3  | 2-17/32<br>64.3  | 3-21/64<br>84.3  | 1-45/64<br>43.2 | 2-1/2<br>63.5    | 1-3/16<br>30.2  | 2-1/16<br>52.3  | 1-23/64<br>34.5 | 23/64<br>8.9  |
| 207    | 1-1/4 - 1-7/16<br>35mm   | 1-3/6 & 1-1/4<br>30mm   | 0.12<br>53          | 3-1/4<br>82.6    | 3<br>76.2        | 3-27/32<br>97.5  | 1-31/32<br>50.0 | 3-1/64<br>76.7   | 1-11/32<br>34.5 | 2-11/32<br>59.4 | 1-17/32<br>38.9 | 3/8<br>9.4    |
| 208    | 1-1/2 - 1-5/8<br>40mm    | 1-7/16<br>65mm          | 0.14<br>64          | 3-3/8<br>85.9    | 3-1/8<br>79.5    | 4<br>101.60      | 2-1/16<br>52.3  | 3-7/64<br>79.0   | 1-19/64<br>33.0 | 2-13/32<br>61.0 | 1-1/2<br>38.1   | 27/64<br>10.7 |
| 209    | 1-5/8 - 1-3/4<br>45mm    | 1-1/2<br>40mm           | 0.16<br>73          | 3-11/16<br>93.7  | 3-15/32<br>88.1  | 4-17/64<br>108.2 | 2-11/64<br>55.1 | 3-13/32<br>86.6  | 1-23/64<br>34.3 | 2-21/64<br>59.2 | 1-17/32<br>38.9 | 25/64<br>9.9  |
| 210    | 1-15/16 & 2<br>50mm      | 1-11/16 & 1-3/4<br>45mm | 0.18<br>82          | 3-7/8<br>98.6    | 3-37/64<br>90.9  | 4-1/2<br>114.3   | 2-21/64<br>59.2 | 3-9/16<br>90.9   | 1-23/64<br>34.3 | 2-33/64<br>63.8 | 1-9/16<br>39.6  | 31/64<br>12.4 |
| 211    | 2 - 2-1/4<br>55mm        | 1-15/16 & 2<br>50mm     | 0.24<br>108         | 4-27/64<br>112.3 | 4<br>101.6       | 5-1/16<br>128.5  | 2-19/32<br>66.0 | 4-1/8<br>104.7   | 1-29/64<br>36.8 | 2-37/64<br>65.3 | 1-21/32<br>42.2 | 29/64<br>11.4 |
| 212    | 2-1/4 - 2-7/16<br>60mm   | 2-3/16 - 2-1/4<br>55mm  | 0.27<br>124         | 4-59/64<br>125   | 4-15/32<br>113.3 | 5-15/32<br>138.7 | 2-3/4<br>69.9   | 4-39/64<br>117.1 | 1-35/64<br>39.1 | 2-11/16<br>68.3 | 1-3/4<br>44.5   | 13/32<br>10.4 |

|                                |                        |                                    |                                         |
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RELATED PRODUCTS



Setscrew Ball Bearings  
BALL BEARING END COVERS FOR MOUNTED UNITS 214 SERIES & LARGER



| Series | Shaft Size                          |                        | Part Number | Description |
|--------|-------------------------------------|------------------------|-------------|-------------|
|        | SC, VSC, DL, SXR, SXV, SCHSXRH, DLH | SC, VSC, DL, SCM & DLM |             |             |
| 214    | 2-1/2 & 2-11/16<br>70mm             | 2-7/16 & 2-1/2<br>65mm | 128220      | EC-214      |
| 215    | 2-15/16<br>75mm                     | 2-11/16<br>70mm        | 128221      | EC-215      |
| 216    | -----<br>-----                      | 2-15/16 & 3<br>75mm    | 128222      | EC-216      |
| 218    | -----<br>-----                      | 3-7/16 & 3-1/2<br>85mm | 128223      | EC-218      |

# RELATED PRODUCTS



## Setscrew Ball Bearings

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

| Series | Shaft Size                                |                           | Weight<br>lbs<br>gm | A                | B                | C               | D                | E                          | F               |
|--------|-------------------------------------------|---------------------------|---------------------|------------------|------------------|-----------------|------------------|----------------------------|-----------------|
|        | SC, VSC,<br>DL, SXR, SXV,<br>SCHSXRH, DLH | SC, VSC,<br>DL, SCM & DLM |                     |                  |                  |                 |                  |                            |                 |
| 214    | 2-1/2 & 2-11/16<br>70mm                   | 2-7/16 & 2-1/2<br>65mm    | 0.33<br>151         | 4-15/16<br>125.5 | 4-7/16<br>112.8  | 2-39/64<br>66.3 | 4-39/64<br>117.1 | 4.741/4.737<br>120.4/120.3 | 2-53/64<br>71.9 |
| 215    | 2-15/16<br>75mm                           | 2-11/16<br>70mm           | 0.36<br>164         | 5-3/32<br>129.3  | 4-49/64<br>120.9 | 2-29/64<br>62.5 | 4-3/4<br>120.7   | 4.944/4.940<br>125.6/125.5 | 2-7/8<br>72.9   |
| 216    | -----<br>-----                            | 2-15/16 & 3<br>75mm       | 0.44<br>201.00      | 5-9/16<br>141.2  | 5-15/64<br>132.8 | 2-47/64<br>69.6 | 5-13/64<br>132.1 | 5.350/5.346<br>135.9-135.8 | 2-63/64<br>75.7 |
| 218    | -----<br>-----                            | 3-7/16 & 3-1/2<br>85mm    | 0.57<br>257         | 6-5/16<br>160.3  | 5-29/32<br>149.9 | 2-27/32<br>72.1 | 5-15/16<br>150.6 | 6.100/6.096<br>154.9/154.8 | 3-3/32<br>78.5  |

|                                |                        |                                    |                                         |
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NOTES



|                                |                        |                                    |                                         |
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