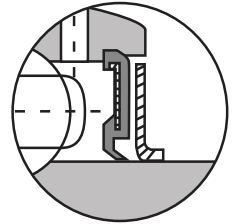
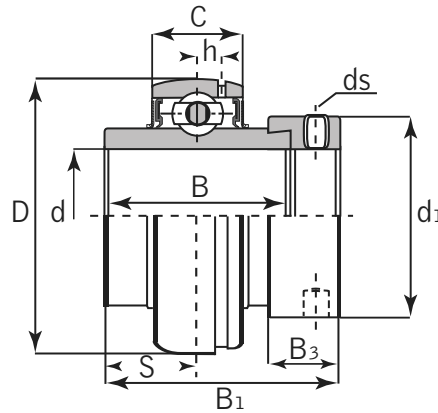


# Ball Bearing Inserts

## Stainless Steel - SHC Eccentric Collar Series



Dual Seal

| Unit No.                                        | Shaft Dia.<br>(inch / <b>mm</b> )           | Dimensions (inch / <b>mm</b> ) |                       |                       |                       |                       |                     |                       |                     |                          | Basic Load Rating<br>lbf / N |               | Mass                                 |                                      |
|-------------------------------------------------|---------------------------------------------|--------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------|-----------------------|---------------------|--------------------------|------------------------------|---------------|--------------------------------------|--------------------------------------|
|                                                 | d                                           | D                              | d1                    | B                     | B1                    | B3                    | C                   | S                     | h                   | ds                       | Dynamic                      | Static        | kg                                   | lbs                                  |
| SHC 204<br>204-12                               | 20 mm<br>3/4                                | 1.8504<br><b>47</b>            | 1.311<br><b>33.3</b>  | 1.3465<br><b>34.2</b> | 1.7205<br><b>43.7</b> | 0.5315<br><b>13.5</b> | 0.6693<br><b>17</b> | 0.6793<br><b>17.1</b> | 0.146<br><b>3.7</b> | 1/4-28 UNF<br>M6 x 0.75  | 2886<br>12840                | 1495<br>6650  | 0.23<br>0.23                         | 0.51<br>0.51                         |
| SHC 205<br>205-14<br>205-15<br>205-16           | 25 mm<br>7/8<br>15/16<br>1                  | 2.0472<br><b>52</b>            | 1.5000<br><b>38.1</b> | 1.3740<br><b>34.9</b> | 1.7480<br><b>44.4</b> | 0.5315<br><b>13.5</b> | 0.6693<br><b>17</b> | 0.6890<br><b>17.5</b> | 0.154<br><b>3.9</b> | 1/4-28 UNF<br>M6 x 0.75  | 3152<br>14020                | 1771<br>7880  | 0.27<br>0.31<br>0.29<br>0.27         | 0.59<br>0.68<br>0.64<br>0.59         |
| SHC 206<br>206-17<br>206-18<br>206-19<br>206-20 | 30 mm<br>1-1/16<br>1-1/8<br>1-3/16<br>1-1/4 | 2.4409<br><b>62</b>            | 1.7520<br><b>44.5</b> | 1.4370<br><b>36.5</b> | 1.9055<br><b>48.4</b> | 0.6260<br><b>15.9</b> | 0.7480<br><b>19</b> | 0.7205<br><b>18.3</b> | 0.197<br><b>5.0</b> | 5/16-24 UNF<br>M8 x 1    | 4375<br>19460                | 2542<br>11310 | 0.45<br>0.50<br>0.47<br>0.45<br>0.42 | 0.99<br>1.10<br>1.03<br>0.99<br>0.92 |
| SHC 207<br>207-20<br>207-21<br>207-22<br>207-23 | 35 mm<br>1-1/4<br>1-5/16<br>1-3/8<br>1-7/16 | 2.8346<br><b>72</b>            | 2.189<br><b>55.6</b>  | 1.4803<br><b>37.6</b> | 2.0118<br><b>51.1</b> | 0.6890<br><b>17.5</b> | 0.7874<br><b>20</b> | 0.7402<br><b>18.8</b> | 0.224<br><b>5.7</b> | 5/16-24 UNF<br>M8 x 1    | 5771<br>25670                | 3439<br>15300 | 0.60<br>0.67<br>0.63<br>0.60<br>0.57 | 1.32<br>1.47<br>1.39<br>1.32<br>1.25 |
| SHC 208<br>208-24<br>208-25                     | 40 mm<br>1-1/2<br>1-9/16                    | 3.1496<br><b>80</b>            | 2.3740<br><b>60.3</b> | 1.6850<br><b>42.8</b> | 2.2165<br><b>56.3</b> | 0.7205<br><b>18.3</b> | 0.8270<br><b>21</b> | 0.8425<br><b>21.4</b> | 0.244<br><b>6.2</b> | 5/16-24 UNF<br>M8 x 1    | 6636<br>29520                | 4078<br>18140 | 0.79<br>0.84<br>0.80                 | 1.74<br>1.85<br>1.76                 |
| SHC 209<br>209-26<br>209-27<br>209-28           | 45 mm<br>1-5/8<br>1-11/16<br>1-3/4          | 3.3465<br><b>85</b>            | 2.5000<br><b>63.5</b> | 1.6850<br><b>42.8</b> | 2.2165<br><b>56.3</b> | 0.7205<br><b>18.3</b> | 0.8661<br><b>22</b> | 0.8425<br><b>21.4</b> | 0.252<br><b>6.4</b> | 5/16-24 UNF<br>M8 x 1    | 7119<br>31670                | 4649<br>20680 | 0.85<br>0.96<br>0.91<br>0.87         | 1.87<br>2.11<br>2.00<br>1.91         |
| SHC 210<br>210-30<br>210-31<br>210-32           | 50 mm<br>1-7/8<br>1-15/16<br>2              | 3.5433<br><b>90</b>            | 2.7520<br><b>69.9</b> | 1.9370<br><b>49.2</b> | 2.4685<br><b>62.7</b> | 0.7204<br><b>18.3</b> | 0.9449<br><b>24</b> | 0.9685<br><b>24.6</b> | 0.256<br><b>6.5</b> | 5/16-24 UNF<br>M8x 1     | 7884<br>35070                | 5211<br>23180 | 0.99<br>1.08<br>1.02<br>0.96         | 2.18<br>2.38<br>2.24<br>2.11         |
| SHC 211<br>211-32<br>211-34<br>211-35           | 55 mm<br>2<br>2-1/8<br>2-3/16               | 3.9370<br><b>100</b>           | 3.000<br><b>76.2</b>  | 2.1850<br><b>55.5</b> | 2.8110<br><b>71.4</b> | 0.8150<br><b>20.7</b> | 0.9843<br><b>25</b> | 1.0945<br><b>27.8</b> | 0.276<br><b>7.0</b> | 3/8-24 UNF<br>M10 x 1.25 | 9752<br>43380                | 6569<br>29220 | 1.32<br>1.52<br>1.37<br>1.29         | 2.90<br>3.34<br>3.01<br>2.84         |
| SHC 212<br>212-36<br>212-38<br>212-39           | 60 mm<br>2-1/4<br>2-3/8<br>2-7/16           | 4.3307<br><b>110</b>           | 3.3150<br><b>84.2</b> | 2.4370<br><b>61.9</b> | 3.0630<br><b>77.8</b> | 0.8780<br><b>22.3</b> | 1.0630<br><b>27</b> | 1.2205<br><b>31</b>   | 0.299<br><b>7.6</b> | 3/8-24 UNF<br>M10 x 1.25 | 10736<br>47760               | 7403<br>32930 | 1.88<br>2.04<br>1.90<br>1.77         | 4.14<br>4.49<br>4.18<br>3.89         |

Other sizes could be available upon request. Minimum quantity may apply.  
Please refer to page 52 for setscrew maximum torque informations.