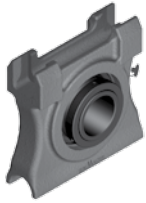
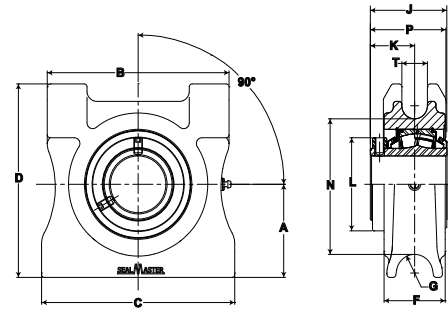


# SEALMASTER® Performance Mounted Spherical Roller Bearings

Mtd. Spherical Bearings



**Rolling Elements:** Spherical Roller  
**Housing:** Cast Iron Top Angle Take-Up  
**Self Alignment:** +/- 2 Degrees  
**Lock:** Setscrew  
**Seal:** Felt  
**Optional Seal:** Double Lip Contact  
**Temperature:** -20° to 220° F

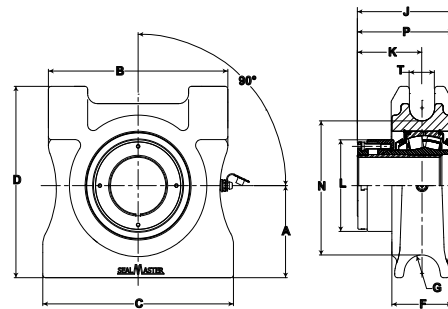


## USTA5000 Series Top Angle Take-Up Units - Collar Mount

| Bore Diameter<br>inch      | Part No.      | Basic Dynamic Rating<br>lb/N | Dimensions inch / mm |                 |                |                 |                 |               |                  |                 |                  |                  |                 |                 | Unit Wt.<br>lb/kg |
|----------------------------|---------------|------------------------------|----------------------|-----------------|----------------|-----------------|-----------------|---------------|------------------|-----------------|------------------|------------------|-----------------|-----------------|-------------------|
|                            |               |                              | A                    | B               | C              | D               | F               | G             | J                | K               | L                | N                | P               | T               |                   |
| 1 15/16                    | USTA5000-115  | 23520<br>104617              | 3 1/4<br>82.6        | 6<br>152.4      | 6 1/2<br>165.1 | 6 3/8<br>162.1  | 2 7/16<br>62.0  | 51/64<br>20.3 | 2 7/8<br>73.0    | 1 11/16<br>42.9 | 3<br>76.2        | 3 33/64<br>89.3  | 2 7/8<br>73.2   | 7/8<br>22.4     | 12.1<br>5.49      |
| 2 3/16                     | USTA5000-203  | 28087<br>124931              | 3 1/2<br>88.9        | 7<br>177.8      | 7 1/2<br>190.5 | 7 7/16<br>189.0 | 2 7/16<br>62.0  | 51/64<br>20.3 | 3 1/8<br>79.7    | 1 7/8<br>47.5   | 3 1/4<br>82.6    | 4 57/64<br>124.2 | 3 1/4<br>82.3   | 1 1/8<br>28.4   | 18.0<br>8.16      |
| 2 7/16                     | USTA5000-207  | 44691<br>198786              | 4<br>101.6           | 8<br>203.2      | 8 1/2<br>215.9 | 8 5/16<br>211.1 | 2 11/16<br>68.3 | 51/64<br>20.3 | 3 3/8<br>85.7    | 1 61/64<br>49.6 | 4<br>101.6       | 5 53/64<br>148.0 | 3 21/64<br>84.5 | 1 1/8<br>28.4   | 27.9<br>12.66     |
| 2 15/16                    | USTA5000-215  | 47447<br>211044              | 4<br>101.6           | 8<br>203.2      | 8 1/2<br>215.9 | 8 5/16<br>211.1 | 2 13/16<br>71.4 | 51/64<br>20.3 | 3 7/8<br>98.3    | 2 11/32<br>59.5 | 4 17/32<br>115.1 | 5 53/64<br>148.0 | 3 47/64<br>94.9 | 1 1/8<br>28.4   | 27.4<br>12.43     |
| 3 7/16                     | USTA5000-307  | 72640<br>323103              | 4 1/2<br>114.3       | 9<br>228.6      | 9 1/2<br>241.3 | 9 5/8<br>244.6  | 3 3/16<br>81.0  | 51/64<br>20.3 | 4 15/32<br>113.5 | 2 21/32<br>67.5 | 5 5/16<br>134.5  | 6 53/64<br>173.4 | 4 1/4<br>108.0  | 1 3/8<br>35.1   | 39.3<br>17.83     |
| 3 15/16                    | USTA5000-315  | 96050<br>427230              | 5 1/2<br>139.7       | 10 1/2<br>266.7 | 11<br>279.4    | 11<br>279.4     | 3 9/16<br>90.4  | 51/64<br>20.3 | 4 15/16<br>125.4 | 2 15/16<br>74.4 | 6<br>152.4       | 7 19/32<br>192.9 | 4 1/2<br>114.0  | 1 23/64<br>34.5 | 54.5<br>24.72     |
| Type E Mounting Dimensions |               |                              |                      |                 |                |                 |                 |               |                  |                 |                  |                  |                 |                 |                   |
| 2 3/16                     | USTAE5000-203 | 28087<br>124931              | 3 1/16<br>77.7       | 6 3/4<br>171.5  | 7<br>177.8     | 6 7/8<br>174.8  | 2 1/2<br>63.5   | 51/64<br>20.3 | 3 1/8<br>79.7    | 1 55/64<br>47.2 | 3 1/4<br>82.6    | 4 37/64<br>116.3 | 3 3/64<br>77.4  | 7/8<br>22.4     | 11.3<br>5.13      |
| 2 7/16                     | USTAE5000-207 | 44691<br>198786              | 3 1/2<br>88.9        | 7<br>177.8      | 7 1/2<br>190.5 | 7 7/16<br>189.0 | 2 3/4<br>69.9   | 49/64<br>19.3 | 3 3/8<br>85.7    | 1 61/64<br>49.6 | 4<br>101.6       | 4 15/16<br>125.2 | 3 21/64<br>84.5 | 1 1/8<br>28.4   | 19.6<br>8.89      |



**Rolling Elements:** Spherical Roller  
**Housing:** Cast Iron Top Angle Take-Up  
**Self Alignment:** +/- 2 Degrees  
**Lock:** Adapter  
**Seal:** Felt  
**Optional Seal:** Double Lip Contact  
**Temperature:** -20° to 220° F



## USTA5000A Series Top Angle Take-Up Units - Adapter Mount

| Bore Diameter<br>inch      | Part No.       | Basic Dynamic Rating<br>lb/N | Dimensions inch / mm |                 |                |                 |                 |               |                  |                 |                  |                  |                  |                 | Unit Wt.<br>lb/kg |
|----------------------------|----------------|------------------------------|----------------------|-----------------|----------------|-----------------|-----------------|---------------|------------------|-----------------|------------------|------------------|------------------|-----------------|-------------------|
|                            |                |                              | A                    | B               | C              | D               | F               | G             | J                | K               | L                | N                | P                | T               |                   |
| 1 15/16                    | USTA5000A-115  | 23520<br>104617              | 3 1/4<br>82.6        | 6<br>152.4      | 6 1/2<br>165.1 | 6 3/8<br>162.1  | 2 7/16<br>62.0  | 51/64<br>20.3 | 3 1/2<br>88.9    | 2 5/16<br>58.7  | 3 3/16<br>80.6   | 3 33/64<br>89.3  | 3 1/2<br>88.9    | 7/8<br>22.4     | 12.6<br>5.72      |
| 2 3/16                     | USTA5000A-203  | 28087<br>124931              | 3 1/2<br>88.9        | 7<br>177.8      | 7 1/2<br>190.5 | 7 7/16<br>189.0 | 2 7/16<br>62.0  | 51/64<br>20.3 | 3 7/8<br>98.4    | 2 5/8<br>66.5   | 3 7/16<br>87.4   | 4 57/64<br>124.2 | 4<br>101.6       | 1 1/8<br>28.4   | 18.7<br>8.48      |
| 2 7/16                     | USTA5000A-207  | 44691<br>198786              | 4<br>101.6           | 8<br>203.2      | 8 1/2<br>215.9 | 8 5/16<br>211.1 | 2 11/16<br>68.3 | 51/64<br>20.3 | 4 5/16<br>109.5  | 2 7/8<br>73.2   | 3 63/64<br>101.2 | 5 53/64<br>148.0 | 4 17/64<br>108.3 | 1 1/8<br>28.4   | 28.9<br>13.11     |
| 2 15/16                    | USTA5000A-215  | 47447<br>211044              | 4<br>101.6           | 8<br>203.2      | 8 1/2<br>215.9 | 8 5/16<br>211.1 | 2 13/16<br>71.4 | 51/64<br>20.3 | 4 31/64<br>113.9 | 2 31/32<br>75.4 | 4 25/64<br>111.5 | 5 53/64<br>148.0 | 4 11/32<br>110.3 | 1 1/8<br>28.4   | 27.6<br>12.52     |
| 3 7/16                     | USTA5000A-307  | 72640<br>323103              | 4 1/2<br>114.3       | 9<br>228.6      | 9 1/2<br>241.3 | 9 5/8<br>244.6  | 3 3/16<br>81.0  | 51/64<br>20.3 | 5 35/64<br>140.9 | 3 47/64<br>94.9 | 5 15/32<br>138.9 | 6 53/64<br>173.4 | 5 21/64<br>135.3 | 1 3/8<br>35.1   | 41.3<br>18.73     |
| 3 15/16                    | USTA5000A-315  | 96050<br>427230              | 5 1/2<br>139.7       | 10 1/2<br>266.7 | 11<br>279.4    | 11<br>279.4     | 3 9/16<br>90.4  | 51/64<br>20.3 | 5 15/16<br>150.8 | 3 15/16<br>99.8 | 5 37/64<br>141.7 | 7 19/32<br>192.9 | 5 1/2<br>139.7   | 1 23/64<br>34.5 | 55.4<br>25.13     |
| Type E Mounting Dimensions |                |                              |                      |                 |                |                 |                 |               |                  |                 |                  |                  |                  |                 |                   |
| 2 3/16                     | USTAE5000A-203 | 28087<br>124931              | 3 3/8<br>85.7        | 6 3/4<br>171.5  | 7<br>177.8     | 6 7/8<br>174.8  | 2 1/2<br>63.5   | 51/64<br>20.3 | 3 7/8<br>98.4    | 2 5/8<br>66.5   | 3 7/16<br>87.4   | 4 37/64<br>116.3 | 3 13/16<br>96.8  | 7/8<br>22.4     | 15.7<br>7.12      |
| 2 7/16                     | USTAE5000A-207 | 44691<br>198786              | 3 1/2<br>88.9        | 7<br>177.8      | 7 1/2<br>190.5 | 7 7/16<br>189.0 | 2 3/4<br>69.9   | 49/64<br>19.3 | 4 5/16<br>109.5  | 2 7/8<br>73.2   | 3 63/64<br>101.2 | 4 15/16<br>125.2 | 4 17/64<br>108.3 | 1 1/8<br>28.4   | 20.6<br>9.34      |

Note: One expansion unit is to be used in conjunction with one non-expansion unit for applications using an adapter lock unit. Failure to utilize one expansion and one non-expansion unit is likely to result in reduced bearing performance.  
Metric dimensions for reference only.  
Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.  
For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.