



All dimensions are in inches.  
Pressure rating at atmospheric temperature is 175 psi for sizes 12" and under and 150 psi for sizes 14" and up.

**AWWA C207-94 CLASS B HUB FLANGES**

| <u>Nominal Pipe Size</u> | <u>Outside Diameter (A)</u> | <u>Inside Diameter (B)</u> | <u>Thickness (T)</u> | <u>Overall Thickness (L)</u> | <u>Hub Diameter (E)</u> | <u>Number of Bolt Holes</u> | <u>Diameter of Bolt Holes</u> | <u>Diameter of Bolt Circle (C)</u> | <u>Approximate Weight (lbs)</u> |
|--------------------------|-----------------------------|----------------------------|----------------------|------------------------------|-------------------------|-----------------------------|-------------------------------|------------------------------------|---------------------------------|
| 4                        | 9.00                        | 4.57                       | 0.500                | 0.875                        | 5.312                   | 8                           | 0.750                         | 7.50                               | 7                               |
| 5                        | 10.00                       | 5.66                       | 0.562                | 1.250                        | 6.312                   | 8                           | 0.875                         | 8.50                               | 8                               |
| 6                        | 11.00                       | 6.72                       | 0.562                | 1.250                        | 7.562                   | 8                           | 0.875                         | 9.50                               | 13                              |
| 8                        | 13.50                       | 8.72                       | 0.562                | 1.250                        | 9.688                   | 8                           | 0.875                         | 11.75                              | 18                              |
| 10                       | 16.00                       | 10.88                      | 0.688                | 1.250                        | 12.000                  | 12                          | 1.000                         | 14.25                              | 26                              |
| 12                       | 19.00                       | 12.88                      | 0.688                | 1.250                        | 14.375                  | 12                          | 1.000                         | 17.00                              | 42                              |
| 14                       | 21.00                       | 14.19                      | 0.750                | 1.250                        | 15.750                  | 12                          | 1.125                         | 18.75                              | 44                              |
| 16                       | 23.50                       | 16.19                      | 0.750                | 1.250                        | 18.000                  | 16                          | 1.125                         | 21.25                              | 58                              |
| 18                       | 25.00                       | 18.19                      | 0.750                | 1.250                        | 19.875                  | 16                          | 1.250                         | 22.75                              | 59                              |
| 20                       | 27.50                       | 20.19                      | 0.750                | 1.250                        | 22.000                  | 20                          | 1.250                         | 25.00                              | 69                              |
| 22                       | 29.50                       | 22.19                      | 1.000                | 1.750                        | 24.250                  | 20                          | 1.375                         | 27.25                              | 76                              |
| 24                       | 32.00                       | 24.19                      | 1.000                | 1.750                        | 26.125                  | 20                          | 1.375                         | 29.50                              | 115                             |
| 26                       | 34.25                       | 26.19                      | 1.000                | 1.750                        | 28.500                  | 24                          | 1.375                         | 31.75                              | 125                             |
| 28                       | 36.50                       | 28.19                      | 1.000                | 1.750                        | 30.500                  | 28                          | 1.375                         | 34.00                              | 140                             |
| 30                       | 38.75                       | 30.19                      | 1.000                | 1.750                        | 32.500                  | 28                          | 1.375                         | 36.00                              | 150                             |
| 32                       | 41.75                       | 32.19                      | 1.125                | 1.750                        | 34.750                  | 28                          | 1.625                         | 38.50                              | 205                             |
| 34                       | 43.75                       | 34.19                      | 1.125                | 1.750                        | 36.750                  | 32                          | 1.625                         | 40.50                              | 215                             |
| 36                       | 46.00                       | 36.19                      | 1.125                | 1.750                        | 38.750                  | 32                          | 1.625                         | 42.75                              | 235                             |
| 38                       | 48.75                       | 38.19                      | 1.125                | 1.750                        | 40.750                  | 32                          | 1.625                         | 45.25                              | 265                             |
| 40                       | 50.75                       | 40.19                      | 1.125                | 1.750                        | 43.000                  | 36                          | 1.625                         | 47.25                              | 280                             |
| 42                       | 53.00                       | 42.19                      | 1.250                | 1.750                        | 45.000                  | 36                          | 1.625                         | 49.50                              | 330                             |
| 44                       | 55.25                       | 44.19                      | 1.250                | 2.250                        | 47.000                  | 40                          | 1.625                         | 51.75                              | 350                             |
| 46                       | 57.25                       | 46.19                      | 1.250                | 2.250                        | 49.000                  | 40                          | 1.625                         | 53.75                              | 365                             |
| 48                       | 59.50                       | 48.19                      | 1.375                | 2.500                        | 51.000                  | 44                          | 1.625                         | 56.00                              | 425                             |
| 50                       | 61.75                       | 50.19                      | 1.375                | 2.500                        | 53.000                  | 44                          | 1.875                         | 58.25                              | 450                             |
| 52                       | 64.00                       | 52.19                      | 1.375                | 2.500                        | 55.000                  | 44                          | 1.875                         | 60.50                              | 475                             |
| 54                       | 66.25                       | 54.19                      | 1.375                | 2.500                        | 57.000                  | 44                          | 1.875                         | 62.75                              | 500                             |
| 60                       | 73.00                       | 60.19                      | 1.500                | 2.750                        | 63.000                  | 52                          | 1.875                         | 69.25                              | 640                             |
| 66                       | 80.00                       | 66.19                      | 1.500                | 2.750                        | 69.000                  | 52                          | 1.875                         | 76.00                              | 750                             |
| 72                       | 86.50                       | 72.19                      | 1.500                | 2.750                        | 75.000                  | 60                          | 1.875                         | 82.50                              | 850                             |
| 78                       | 93.00                       | 78.19                      | 1.750                | 3.000                        | 81.250                  | 64                          | 2.125                         | 89.00                              | 1200                            |
| 84                       | 99.75                       | 84.19                      | 1.750                | 3.000                        | 87.500                  | 64                          | 2.125                         | 95.50                              | 1250                            |
| 90                       | 106.50                      | 90.19                      | 2.000                | 3.250                        | 93.750                  | 68                          | 2.438                         | 102.00                             | 1650                            |
| 96                       | 113.25                      | 96.19                      | 2.000                | 3.250                        | 100.000                 | 68                          | 2.438                         | 108.50                             | 1750                            |