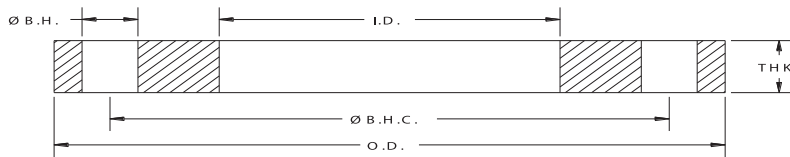


# AWWA Flanges

## C207/C228 Specifications

### Domestic & Import





## AWWA Class "B" C207 Steel-Ring Flanges [86 psi]

| API Part Number | Size | O.D.   | I.D.   | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|--------|--------|----------|--------|--------|-------|------------|
| PF0400-B        | 4    | 9.00   | 4.57   | 7.50     | 0.750  | 8      | 0.625 | 7.7        |
| PF0500-B        | 5    | 10.00  | 5.66   | 8.50     | 0.875  | 8      | 0.625 | 8.6        |
| PF0600-B        | 6    | 11.00  | 6.72   | 9.50     | 0.875  | 8      | 0.688 | 10.7       |
| PF0800-B        | 8    | 13.50  | 8.72   | 11.75    | 0.875  | 8      | 0.688 | 15.3       |
| PF1000-B        | 10   | 16.00  | 10.88  | 14.25    | 1.000  | 12     | 0.688 | 19.2       |
| PF1200-B        | 12   | 19.00  | 12.88  | 17.00    | 1.000  | 12     | 0.688 | 28.1       |
| PF1400-B        | 14   | 21.00  | 14.19  | 18.75    | 1.125  | 12     | 0.688 | 34.4       |
| PF1600-B        | 16   | 23.50  | 16.19  | 21.25    | 1.125  | 16     | 0.688 | 41.3       |
| PF1800-B        | 18   | 25.00  | 18.19  | 22.75    | 1.250  | 16     | 0.688 | 41.2       |
| PF2000-B        | 20   | 27.50  | 20.19  | 25.00    | 1.250  | 20     | 0.688 | 48.6       |
| PF2200-B        | 22   | 29.50  | 22.19  | 27.25    | 1.375  | 20     | 0.750 | 56.8       |
| PF2400-B        | 24   | 32.00  | 24.19  | 29.50    | 1.375  | 20     | 0.750 | 67.0       |
| PF2600-B        | 26   | 34.25  | 26.19  | 31.75    | 1.375  | 24     | 0.812 | 79.3       |
| PF2800-B        | 28   | 36.50  | 28.19  | 34.00    | 1.375  | 28     | 0.875 | 93.7       |
| PF3000-B        | 30   | 38.75  | 30.19  | 36.00    | 1.375  | 28     | 0.875 | 103.9      |
| PF3200-B        | 32   | 41.75  | 32.19  | 38.50    | 1.625  | 28     | 0.938 | 131.3      |
| PF3400-B        | 34   | 43.75  | 34.19  | 40.50    | 1.625  | 32     | 0.938 | 137.0      |
| PF3600-B        | 36   | 46.00  | 36.19  | 42.75    | 1.625  | 32     | 1.000 | 159.7      |
| PF3800-B        | 38   | 48.75  | 38.19  | 45.25    | 1.625  | 32     | 1.000 | 184.5      |
| PF4000-B        | 40   | 50.75  | 40.19  | 47.25    | 1.625  | 36     | 1.000 | 191.5      |
| PF4200-B        | 42   | 53.00  | 42.19  | 49.50    | 1.625  | 36     | 1.125 | 232.5      |
| PF4400-B        | 44   | 55.25  | 44.19  | 51.75    | 1.625  | 40     | 1.125 | 247.6      |
| PF4600-B        | 46   | 57.25  | 46.19  | 53.75    | 1.625  | 40     | 1.125 | 258.6      |
| PF4800-B        | 48   | 59.50  | 48.19  | 56.00    | 1.625  | 44     | 1.250 | 304.9      |
| PF5000-B        | 50   | 61.75  | 50.19  | 58.25    | 1.875  | 44     | 1.250 | 315.2      |
| PF5200-B        | 52   | 64.00  | 52.19  | 60.50    | 1.875  | 44     | 1.250 | 336.9      |
| PF5400-B        | 54   | 66.25  | 54.19  | 62.75    | 1.875  | 44     | 1.375 | 395.1      |
| PF6000-B        | 60   | 73.00  | 60.19  | 69.25    | 1.875  | 52     | 1.500 | 506.1      |
| PF6600-B        | 66   | 80.00  | 66.19  | 76.00    | 1.875  | 52     | 1.625 | 661.1      |
| PF7200-B        | 72   | 86.50  | 72.19  | 82.50    | 1.875  | 60     | 1.750 | 798.8      |
| PF7800-B        | 78   | 93.00  | 78.19  | 89.00    | 2.125  | 64     | 2.000 | 995.6      |
| PF8400-B        | 84   | 99.75  | 84.19  | 95.50    | 2.125  | 64     | 2.000 | 1140.7     |
| PF9000-B        | 90   | 106.50 | 90.19  | 102.00   | 2.438  | 68     | 2.250 | 1408.8     |
| PF9600-B        | 96   | 113.25 | 96.19  | 108.50   | 2.438  | 68     | 2.250 | 1591.2     |
| PF10200-B       | 102  | 120.00 | 102.19 | 114.50   | 2.688  | 72     | 2.500 | 1918.7     |
| PF10800-B       | 108  | 126.75 | 108.19 | 120.75   | 2.688  | 72     | 2.500 | 2142.6     |
| PF11400-B       | 114  | 133.50 | 114.19 | 126.75   | 2.938  | 76     | 2.750 | 2534.1     |
| PF12000-B       | 120  | 140.25 | 120.19 | 132.75   | 2.938  | 76     | 2.750 | 2803.9     |
| PF12600-B       | 126  | 147.00 | 126.19 | 139.25   | 3.188  | 80     | 3.000 | 3263.6     |
| PF13200-B       | 132  | 153.75 | 132.19 | 145.75   | 3.188  | 80     | 3.000 | 3583.5     |
| PF14400-B       | 144  | 167.25 | 144.19 | 158.25   | 3.438  | 84     | 3.250 | 4489.5     |

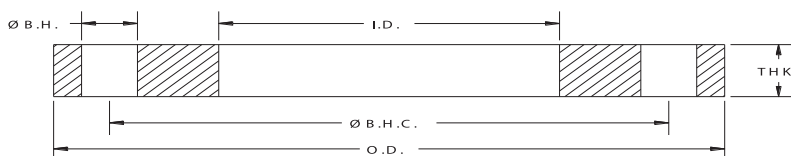
**Notes:**

- Steel material conforms to the requirements of AWWA C207 specifications. Other material is available upon request.
- Meets ASME/ANSI Class 150 bolt pattern.
- For flanges in smaller sizes see page 4.2.

**Pressure Ratings: 86psi at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**

DC# 0825



## AWWA Class "D" C207 Steel-Ring Flanges [150-175 psi]

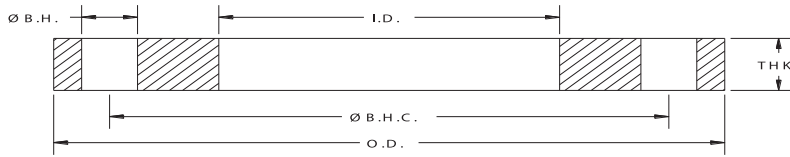
| API Part Number | Size | O.D.   | I.D.   | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|--------|--------|----------|--------|--------|-------|------------|
| PF0400-D        | 4    | 9.00   | 4.57   | 7.50     | 0.750  | 8      | 0.625 | 7.7        |
| PF0500-D        | 5    | 10.00  | 5.66   | 8.50     | 0.875  | 8      | 0.625 | 8.6        |
| PF0600-D        | 6    | 11.00  | 6.72   | 9.50     | 0.875  | 8      | 0.688 | 10.7       |
| PF0800-D        | 8    | 13.50  | 8.72   | 11.75    | 0.875  | 8      | 0.688 | 15.3       |
| PF1000-D        | 10   | 16.00  | 10.88  | 14.25    | 1.000  | 12     | 0.688 | 19.2       |
| PF1200-D        | 12   | 19.00  | 12.88  | 17.00    | 1.000  | 12     | 0.812 | 33.1       |
| PF1400-D        | 14   | 21.00  | 14.19  | 18.75    | 1.125  | 12     | 0.938 | 46.8       |
| PF1600-D        | 16   | 23.50  | 16.19  | 21.25    | 1.125  | 16     | 1.000 | 60.1       |
| PF1800-D        | 18   | 25.00  | 18.19  | 22.75    | 1.250  | 16     | 1.062 | 63.7       |
| PF2000-D        | 20   | 27.50  | 20.19  | 25.00    | 1.250  | 20     | 1.125 | 79.5       |
| PF2200-D        | 22   | 29.50  | 22.19  | 27.25    | 1.375  | 20     | 1.188 | 89.9       |
| PF2400-D        | 24   | 32.00  | 24.19  | 29.50    | 1.375  | 20     | 1.250 | 111.6      |
| PF2600-D        | 26   | 34.25  | 26.19  | 31.75    | 1.375  | 24     | 1.312 | 128.1      |
| PF2800-D        | 28   | 36.50  | 28.19  | 34.00    | 1.375  | 28     | 1.312 | 140.6      |
| PF3000-D        | 30   | 38.75  | 30.19  | 36.00    | 1.375  | 28     | 1.375 | 163.3      |
| PF3200-D        | 32   | 41.75  | 32.19  | 38.50    | 1.625  | 28     | 1.500 | 210.0      |
| PF3400-D        | 34   | 43.75  | 34.19  | 40.50    | 1.625  | 32     | 1.500 | 219.1      |
| PF3600-D        | 36   | 46.00  | 36.19  | 42.75    | 1.625  | 32     | 1.625 | 259.4      |
| PF3800-D        | 38   | 48.75  | 38.19  | 45.25    | 1.625  | 32     | 1.625 | 299.8      |
| PF4000-D        | 40   | 50.75  | 40.19  | 47.25    | 1.625  | 36     | 1.625 | 311.1      |
| PF4200-D        | 42   | 53.00  | 42.19  | 49.50    | 1.625  | 36     | 1.750 | 361.7      |
| PF4400-D        | 44   | 55.25  | 44.19  | 51.75    | 1.625  | 40     | 1.750 | 385.1      |
| PF4600-D        | 46   | 57.25  | 46.19  | 53.75    | 1.625  | 40     | 1.750 | 402.2      |
| PF4800-D        | 48   | 59.50  | 48.19  | 56.00    | 1.625  | 44     | 1.875 | 457.3      |
| PF5000-D        | 50   | 61.75  | 50.19  | 58.25    | 1.875  | 44     | 2.000 | 504.4      |
| PF5200-D        | 52   | 64.00  | 52.19  | 60.50    | 1.875  | 44     | 2.000 | 539.1      |
| PF5400-D        | 54   | 66.25  | 54.19  | 62.75    | 1.875  | 44     | 2.125 | 610.6      |
| PF6000-D        | 60   | 73.00  | 60.19  | 69.25    | 1.875  | 52     | 2.250 | 759.1      |
| PF6600-D        | 66   | 80.00  | 66.19  | 76.00    | 1.875  | 52     | 2.500 | 1017.0     |
| PF7200-D        | 72   | 86.50  | 72.19  | 82.50    | 1.875  | 60     | 2.625 | 1198.2     |
| PF7800-D        | 78   | 93.00  | 78.19  | 89.00    | 2.125  | 64     | 2.750 | 1368.9     |
| PF8400-D        | 84   | 99.75  | 84.19  | 95.50    | 2.125  | 64     | 2.875 | 1639.7     |
| PF9000-D        | 90   | 106.50 | 90.19  | 102.00   | 2.438  | 68     | 3.000 | 1878.2     |
| PF9600-D        | 96   | 113.25 | 96.19  | 108.50   | 2.438  | 68     | 3.250 | 2298.4     |
| PF10200-D       | 102  | 120.00 | 102.19 | 114.50   | 2.688  | 72     | 3.250 | 2494.3     |
| PF10800-D       | 108  | 126.75 | 108.19 | 120.75   | 2.688  | 72     | 3.375 | 2892.5     |
| PF11400-D       | 114  | 133.50 | 114.19 | 126.75   | 2.938  | 76     | 3.500 | 3225.2     |
| PF12000-D       | 120  | 140.25 | 120.19 | 132.75   | 2.938  | 76     | 3.500 | 3568.6     |
| PF12600-D       | 126  | 147.00 | 126.19 | 139.25   | 3.188  | 80     | 3.750 | 4079.5     |
| PF13200-D       | 132  | 153.75 | 132.19 | 145.75   | 3.188  | 80     | 3.875 | 4628.6     |
| PF14400-D       | 144  | 167.25 | 144.19 | 158.25   | 3.438  | 84     | 4.125 | 5698.3     |

### Notes:

- Steel material conforms to the requirements of AWWA C207 specifications. Other material is available upon request.
- Meets ASME/ANSI Class 150 bolt pattern.
- For flanges in smaller sizes see page 4.2.

**Pressure Ratings: 175psi (4" – 12") and 150psi (14" and larger) at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



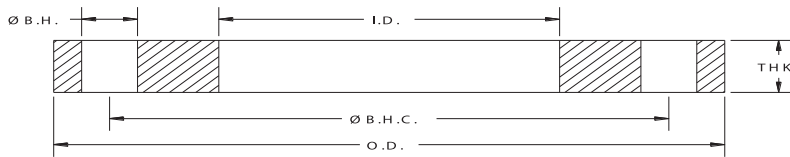
## AWWA Class "D" C207 Steel-Ring Flanges for O.D. Tubing [150-175 psi]

| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| PF0400-D-16     | 4    | 9.00  | 4.06  | 7.50     | 0.750  | 8      | 0.625 | 8.5        |
| PF0500-D-16     | 5    | 10.00 | 5.06  | 8.50     | 0.875  | 8      | 0.625 | 9.6        |
| PF0600-D-16     | 6    | 11.00 | 6.09  | 9.50     | 0.875  | 8      | 0.688 | 12.0       |
| PF0800-D-16     | 8    | 13.50 | 8.09  | 11.75    | 0.875  | 8      | 0.688 | 17.1       |
| PF1000-D-16     | 10   | 16.00 | 10.12 | 14.25    | 1.000  | 12     | 0.688 | 22.0       |
| PF1200-D-16     | 12   | 19.00 | 12.12 | 17.00    | 1.000  | 12     | 0.812 | 37.9       |

**Notes:**

- a. Steel material conforms to the requirements of AWWA C207 specifications. Other material is available upon request.
- b. Meets ASME/ANSI Class 150 bolt pattern.

**Pressure Ratings: 175psi (4" – 12") 150psi (14" and larger) at atmospheric temperature. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



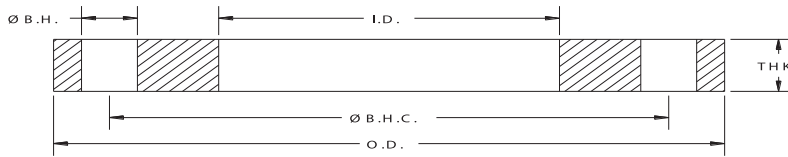
## AWWA Class “D” C207 Steel-Ring Overbore Flanges [150-175 psi]

| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| PFOB1400-1613-D | 14   | 21.00 | 16.13 | 18.75    | 1.125  | 12     | 0.935 | 34.0       |
| PFOB1600-1813-D | 16   | 23.50 | 18.13 | 21.25    | 1.130  | 16     | 1.000 | 55.0       |
| PFOB1800-1988-D | 18   | 25.00 | 19.88 | 22.75    | 1.250  | 16     | 1.060 | 53.0       |
| PFOB1800-2013-D | 18   | 25.00 | 20.13 | 22.75    | 1.250  | 16     | 1.060 | 53.0       |
| PFOB2000-2188-D | 20   | 27.50 | 21.88 | 25.00    | 1.250  | 20     | 1.130 | 75.0       |
| PFOB2400-2588-D | 24   | 32.00 | 25.88 | 29.50    | 1.375  | 20     | 1.250 | 91.0       |
| PFOB2400-2613-D | 24   | 32.00 | 26.13 | 29.50    | 1.375  | 20     | 1.250 | 84.5       |
| PFOB3000-3200-D | 30   | 38.75 | 32.00 | 36.00    | 1.380  | 28     | 1.380 | 130.5      |
| PFOB3600-3800-D | 36   | 46.00 | 38.00 | 42.75    | 1.630  | 32     | 1.630 | 213.5      |
| PFOB4200-4400-D | 42   | 53.00 | 44.00 | 49.50    | 1.630  | 36     | 1.750 | 304.0      |
| PFOB4800-5000-D | 48   | 59.50 | 50.00 | 56.00    | 1.630  | 44     | 1.880 | 457.0      |

**Notes:**

- a. Steel material conforms to the requirements of AWWA C207 specifications. Other material is available upon request.
- b. Meets ASME/ANSI Class 150 bolt pattern.
- c. Pressure Ratings: Class D. Sizes 4”-12” in, 175 psi; sizes 14” and larger, 150 psi. at atmospheric temperature.

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



## AWWA Class "E" C207 Steel-Ring Flanges [275psi]

| API Part Number | Size | O.D.   | I.D.   | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|--------|--------|----------|--------|--------|-------|------------|
| PF0400-E        | 4    | 9.00   | 4.57   | 7.50     | 0.750  | 8      | 1.125 | 13.9       |
| PF0500-E        | 5    | 10.00  | 5.66   | 8.50     | 0.875  | 8      | 1.188 | 16.3       |
| PF0600-E        | 6    | 11.00  | 6.72   | 9.50     | 0.875  | 8      | 1.313 | 20.4       |
| PF0800-E        | 8    | 13.50  | 8.72   | 11.75    | 0.875  | 8      | 1.500 | 33.4       |
| PF1000-E        | 10   | 16.00  | 10.88  | 14.25    | 1.000  | 12     | 1.563 | 43.7       |
| PF1200-E        | 12   | 19.00  | 12.88  | 17.00    | 1.000  | 12     | 1.750 | 71.4       |
| PF1400-E        | 14   | 21.00  | 14.19  | 18.75    | 1.125  | 12     | 1.875 | 93.7       |
| PF1600-E        | 16   | 23.50  | 16.19  | 21.25    | 1.125  | 16     | 2.000 | 120.2      |
| PF1800-E        | 18   | 25.00  | 18.19  | 22.75    | 1.250  | 16     | 2.125 | 127.3      |
| PF2000-E        | 20   | 27.50  | 20.19  | 25.00    | 1.250  | 20     | 2.375 | 167.8      |
| PF2200-E        | 22   | 29.50  | 22.19  | 27.25    | 1.375  | 20     | 2.500 | 189.2      |
| PF2400-E        | 24   | 32.00  | 24.19  | 29.50    | 1.375  | 20     | 2.625 | 234.3      |
| PF2600-E        | 26   | 34.25  | 26.19  | 31.75    | 1.375  | 24     | 2.750 | 268.4      |
| PF2800-E        | 28   | 36.50  | 28.19  | 34.00    | 1.375  | 28     | 2.750 | 294.5      |
| PF3000-E        | 30   | 38.75  | 30.19  | 36.00    | 1.375  | 28     | 2.875 | 341.4      |
| PF3200-E        | 32   | 41.75  | 32.19  | 38.50    | 1.625  | 28     | 3.000 | 420.0      |
| PF3400-E        | 34   | 43.75  | 34.19  | 40.50    | 1.625  | 32     | 3.000 | 438.3      |
| PF3600-E        | 36   | 46.00  | 36.19  | 42.75    | 1.625  | 32     | 3.125 | 498.9      |
| PF3800-E        | 38   | 48.75  | 38.19  | 45.25    | 1.625  | 32     | 3.125 | 576.5      |
| PF4000-E        | 40   | 50.75  | 40.19  | 47.25    | 1.625  | 36     | 3.250 | 622.3      |
| PF4200-E        | 42   | 53.00  | 42.19  | 49.50    | 1.625  | 36     | 3.375 | 697.6      |
| PF4400-E        | 44   | 55.25  | 44.19  | 51.75    | 1.625  | 40     | 3.375 | 742.7      |
| PF4600-E        | 46   | 57.25  | 46.19  | 53.75    | 1.625  | 40     | 3.438 | 790.2      |
| PF4800-E        | 48   | 59.50  | 48.19  | 56.00    | 1.625  | 44     | 3.500 | 853.6      |
| PF5000-E        | 50   | 61.75  | 50.19  | 58.25    | 1.875  | 44     | 3.500 | 882.7      |
| PF5200-E        | 52   | 64.00  | 52.19  | 60.50    | 1.875  | 44     | 3.625 | 977.1      |
| PF5400-E        | 54   | 66.25  | 54.19  | 62.75    | 1.875  | 44     | 3.750 | 1077.6     |
| PF6000-E        | 60   | 73.00  | 60.19  | 69.25    | 1.875  | 52     | 3.875 | 1307.4     |
| PF6600-E        | 66   | 80.00  | 66.19  | 76.00    | 1.875  | 52     | 4.250 | 1729.0     |
| PF7200-E        | 72   | 86.50  | 72.19  | 82.50    | 1.875  | 60     | 4.375 | 1997.0     |
| PF7800-E        | 78   | 93.00  | 78.19  | 89.00    | 2.125  | 64     | 4.750 | 2364.5     |
| PF8400-E        | 84   | 99.75  | 84.19  | 95.50    | 2.125  | 64     | 4.750 | 2709.1     |
| PF9000-E        | 90   | 106.50 | 90.19  | 102.00   | 2.438  | 68     | 5.125 | 3208.8     |
| PF9600-E        | 96   | 113.25 | 96.19  | 108.50   | 2.438  | 68     | 5.125 | 3624.3     |
| PF10200-E       | 102  | 120.00 | 102.19 | 114.50   | 2.688  | 72     | 5.500 | 4221.1     |
| PF10800-E       | 108  | 126.75 | 108.19 | 120.75   | 2.688  | 72     | 5.500 | 4713.8     |
| PF11400-E       | 114  | 133.50 | 114.19 | 126.75   | 2.938  | 76     | 5.875 | 5413.8     |
| PF12000-E       | 120  | 140.25 | 120.19 | 132.75   | 2.938  | 76     | 5.875 | 5990.1     |
| PF12600-E       | 126  | 147.00 | 126.19 | 139.25   | 3.188  | 80     | 6.250 | 6799.2     |
| PF13200-E       | 132  | 153.75 | 132.19 | 145.75   | 3.188  | 80     | 6.250 | 8062.8     |
| PF14400-E       | 144  | 167.25 | 144.19 | 158.25   | 3.438  | 84     | 6.750 | 9346.0     |

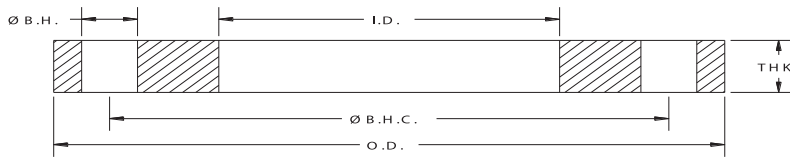
### Notes:

- Steel material conforms to the requirements of AWWA C207 specifications. Other material is available upon request.
- Meets ASME/ANSI Class 150 bolt pattern.
- For flanges in smaller sizes see page 4.2.

**Pressure Ratings: 275psi at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**

DC# 0825



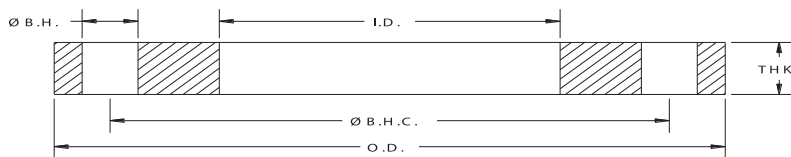
## AWWA Class “E” C207 Steel-Ring Overbore Flanges [275 psi]

| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| PFOB1400-1613-E | 14   | 21.00 | 16.13 | 18.75    | 1.125  | 12     | 1.875 | 69.0       |
| PFOB1600-1813-E | 16   | 23.50 | 18.13 | 21.25    | 1.130  | 16     | 2.000 | 120.0      |
| PFOB1800-1988-E | 18   | 25.00 | 19.88 | 22.75    | 1.250  | 16     | 2.130 | 97.0       |
| PFOB1800-2013-E | 18   | 25.00 | 20.13 | 22.75    | 1.250  | 16     | 2.130 | 125.0      |
| PFOB2000-2188-E | 20   | 27.50 | 21.88 | 25.00    | 1.250  | 20     | 2.380 | 168.0      |
| PFOB2400-2588-E | 24   | 32.00 | 25.88 | 29.50    | 1.375  | 20     | 2.625 | 234.0      |
| PFOB2400-2594-E | 24   | 32.00 | 25.94 | 29.50    | 1.380  | 20     | 2.630 | 235.0      |
| PFOB2400-2613-E | 24   | 32.00 | 26.13 | 29.50    | 1.380  | 20     | 2.630 | 234.0      |
| PFOB3000-3200-E | 30   | 38.75 | 32.00 | 36.00    | 1.380  | 28     | 2.880 | 341.0      |
| PFOB3000-3206-E | 30   | 38.75 | 32.06 | 36.00    | 1.375  | 28     | 2.880 | 341.0      |
| PFOB3600-3800-E | 36   | 46.00 | 38.00 | 42.75    | 1.630  | 32     | 3.130 | 499.0      |
| PFOB4200-4400-E | 42   | 53.00 | 44.00 | 49.50    | 1.630  | 36     | 3.380 | 698.0      |
| PFOB4800-5000-E | 48   | 59.50 | 50.00 | 56.00    | 1.630  | 44     | 3.500 | 854.0      |

### Notes:

- Steel material conforms to the requirements of AWWA C207 specifications. Other material is available upon request.
- Meets ASME/ANSI Class 150 bolt pattern.
- Pressure Ratings: 275 psi. for all sizes at atmospheric temperature.

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



## AWWA Class "F" C207 Steel-Ring Flanges [300 psi]

| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| PF0400-F        | 4    | 10.00 | 4.57  | 7.88     | 0.875  | 8      | 1.130 | 18.4       |
| PF0500-F        | 5    | 11.00 | 5.66  | 9.25     | 0.875  | 8      | 1.210 | 22.3       |
| PF0600-F        | 6    | 12.50 | 6.73  | 10.62    | 0.875  | 12     | 1.310 | 29.7       |
| PF0800-F        | 8    | 15.00 | 8.73  | 13.00    | 1.000  | 12     | 1.310 | 39.9       |
| PF1000-F        | 10   | 17.50 | 10.88 | 15.25    | 1.125  | 16     | 1.500 | 56.0       |
| PF1200-F        | 12   | 20.50 | 12.88 | 17.75    | 1.250  | 16     | 1.630 | 83.2       |
| PF1400-F        | 14   | 23.00 | 14.19 | 20.25    | 1.250  | 20     | 1.940 | 128.0      |
| PF1600-F        | 16   | 25.50 | 16.19 | 22.50    | 1.375  | 20     | 2.140 | 166.8      |
| PF1800-F        | 18   | 28.00 | 18.19 | 24.75    | 1.375  | 24     | 2.250 | 204.2      |
| PF2000-F        | 20   | 30.50 | 20.19 | 27.00    | 1.375  | 24     | 2.330 | 247.4      |
| PF2200-F        | 22   | 33.00 | 22.19 | 29.25    | 1.375  | 24     | 2.500 | 306.7      |
| PF2400-F        | 24   | 36.00 | 24.19 | 32.00    | 1.625  | 24     | 2.690 | 387.6      |
| PF2600-F        | 26   | 38.25 | 26.19 | 34.50    | 1.875  | 28     | 3.000 | 451.0      |
| PF2800-F        | 28   | 40.75 | 28.19 | 37.00    | 1.875  | 28     | 3.130 | 532.2      |
| PF3000-F        | 30   | 43.00 | 30.19 | 39.25    | 1.875  | 28     | 3.150 | 585.7      |
| PF3200-F        | 32   | 45.25 | 32.19 | 41.50    | 1.875  | 28     | 3.250 | 657.5      |
| PF3400-F        | 34   | 47.50 | 34.19 | 43.50    | 1.875  | 28     | 3.380 | 743.0      |
| PF3600-F        | 36   | 50.00 | 36.19 | 46.00    | 2.125  | 32     | 3.460 | 801.9      |
| PF3800-F        | 38   | 52.25 | 38.19 | 48.00    | 2.125  | 32     | 3.500 | 874.3      |
| PF4000-F        | 40   | 54.25 | 40.19 | 50.25    | 2.125  | 36     | 3.630 | 937.4      |
| PF4200-F        | 42   | 57.00 | 42.19 | 52.75    | 2.125  | 36     | 3.810 | 1103.4     |
| PF4400-F        | 44   | 59.25 | 44.19 | 55.00    | 2.125  | 36     | 4.000 | 1237.2     |
| PF4600-F        | 46   | 61.50 | 46.19 | 57.25    | 2.125  | 40     | 4.130 | 1360.8     |
| PF4800-F        | 48   | 65.00 | 48.19 | 60.75    | 2.125  | 40     | 4.500 | 1736.8     |

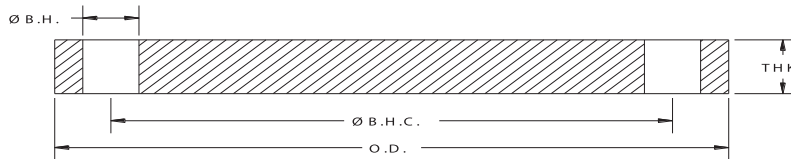
Notes:

- Steel material conforms to the requirements of AWWA C207 specifications. Other material is available upon request.
- Meets ASME/ANSI Class 300 bolt pattern.

**Pressure Ratings: 300psi at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**





## AWWA Class "B" Steel Blind Flanges - 2013 Specs [86 psi]

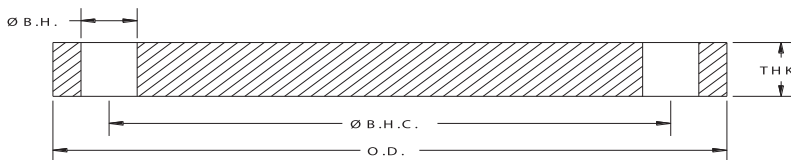
| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| PFBLO400-B      | 4    | 9.00  | BLIND | 7.50     | 0.750  | 8      | 0.625 | 10.6       |
| PFBLO500-B      | 5    | 10.00 | BLIND | 8.50     | 0.875  | 8      | 0.625 | 13.0       |
| PFBLO600-B      | 6    | 11.00 | BLIND | 9.50     | 0.875  | 8      | 0.688 | 17.6       |
| PFBLO800-B      | 8    | 13.50 | BLIND | 11.75    | 0.875  | 8      | 0.688 | 27.0       |
| PFBL1000-B      | 10   | 16.00 | BLIND | 14.25    | 1.000  | 12     | 0.688 | 38.5       |
| PFBL1200-B      | 12   | 19.00 | BLIND | 17.00    | 1.000  | 12     | 0.719 | 67.0       |
| PFBL1400-B      | 14   | 21.00 | BLIND | 18.75    | 1.125  | 12     | 0.791 | 80.0       |
| PFBL1600-B      | 16   | 23.50 | BLIND | 21.25    | 1.125  | 16     | 0.892 | 105.0      |
| PFBL1800-B      | 18   | 25.00 | BLIND | 22.75    | 1.250  | 16     | 0.950 | 132.0      |
| PFBL2000-B      | 20   | 27.50 | BLIND | 25.00    | 1.250  | 20     | 1.040 | 186.0      |
| PFBL2200-B      | 22   | 29.50 | BLIND | 27.25    | 1.375  | 20     | 1.132 | 209.0      |
| PFBL2400-B      | 24   | 32.00 | BLIND | 29.50    | 1.375  | 20     | 1.216 | 268.0      |
| PFBL2600-B      | 26   | 34.25 | BLIND | 31.75    | 1.375  | 24     | 1.307 | 328.0      |
| PFBL2800-B      | 28   | 36.50 | BLIND | 34.00    | 1.375  | 28     | 1.398 | 397.0      |
| PFBL3000-B      | 30   | 38.75 | BLIND | 36.00    | 1.375  | 28     | 1.477 | 488.0      |
| PFBL3200-B      | 32   | 41.75 | BLIND | 38.50    | 1.625  | 28     | 1.581 | 586.0      |
| PFBL3400-B      | 34   | 43.75 | BLIND | 40.50    | 1.625  | 32     | 1.661 | 675.0      |
| PFBL3600-B      | 36   | 46.00 | BLIND | 42.75    | 1.625  | 32     | 1.751 | 790.0      |
| PFBL3800-B      | 38   | 48.75 | BLIND | 45.25    | 1.625  | 32     | 1.853 | 944.0      |
| PFBL4000-B      | 40   | 50.75 | BLIND | 47.25    | 1.625  | 36     | 1.933 | 1066.0     |
| PFBL4200-B      | 42   | 53.00 | BLIND | 49.50    | 1.625  | 36     | 2.023 | 1220.0     |
| PFBL4400-B      | 44   | 55.25 | BLIND | 51.75    | 1.625  | 40     | 2.114 | 1385.0     |
| PFBL4600-B      | 46   | 57.25 | BLIND | 53.75    | 1.625  | 40     | 2.194 | 1547.0     |
| PFBL4800-B      | 48   | 59.50 | BLIND | 56.00    | 1.625  | 44     | 2.285 | 1739.0     |
| PFBL5000-B      | 50   | 61.75 | BLIND | 58.25    | 1.875  | 44     | 2.377 | 1934.0     |
| PFBL5200-B      | 52   | 64.00 | BLIND | 60.50    | 1.875  | 44     | 2.468 | 2163.0     |
| PFBL5400-B      | 54   | 66.25 | BLIND | 62.75    | 1.875  | 44     | 2.559 | 2408.0     |
| PFBL6000-B      | 60   | 73.00 | BLIND | 69.25    | 1.875  | 52     | 2.820 | 3225.0     |
| PFBL6600-B      | 66   | 80.00 | BLIND | 76.00    | 1.875  | 52     | 3.092 | 4272.0     |
| PFBL7200-B      | 72   | 86.50 | BLIND | 82.50    | 1.875  | 60     | 3.353 | 5418.0     |

**Notes:**

- Steel material conforms to the requirements of AWWA C207 specifications. Other material is available upon request.
- Meets ASME/ANSI Class 150 bolt pattern.
- AWWA recommends the use of Dish Assemblies for sizes above 48". Call API customer service for additional information.

**Pressure Ratings: 86psi at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



## AWWA Class “D” Steel Blind Flanges [150-175 psi]

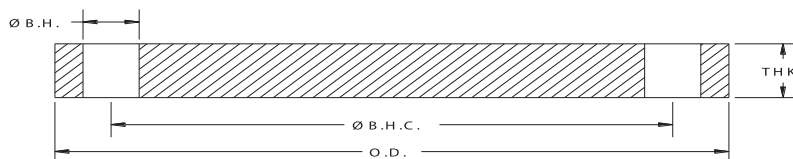
| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| PFBL0400-D      | 4    | 9.00  | BLIND | 7.50     | 0.750  | 8      | 0.625 | 10.6       |
| PFBL0500-D      | 5    | 10.00 | BLIND | 8.50     | 0.875  | 8      | 0.650 | 13.6       |
| PFBL0600-D      | 6    | 11.00 | BLIND | 9.50     | 0.875  | 8      | 0.693 | 17.7       |
| PFBL0800-D      | 8    | 13.50 | BLIND | 11.75    | 0.875  | 8      | 0.812 | 31.8       |
| PFBL1000-D      | 10   | 16.00 | BLIND | 14.25    | 1.000  | 12     | 0.953 | 51.7       |
| PFBL1200-D      | 12   | 19.00 | BLIND | 17.00    | 1.000  | 12     | 1.117 | 86.7       |
| PFBL1400-D      | 14   | 21.00 | BLIND | 18.75    | 1.125  | 12     | 1.133 | 107.4      |
| PFBL1600-D      | 16   | 23.50 | BLIND | 21.25    | 1.125  | 16     | 1.265 | 149.8      |
| PFBL1800-D      | 18   | 25.00 | BLIND | 22.75    | 1.250  | 16     | 1.331 | 177.7      |
| PFBL2000-D      | 20   | 27.50 | BLIND | 25.00    | 1.250  | 20     | 1.448 | 233.6      |
| PFBL2200-D      | 22   | 29.50 | BLIND | 27.25    | 1.375  | 20     | 1.568 | 290.5      |
| PFBL2400-D      | 24   | 32.00 | BLIND | 29.50    | 1.375  | 20     | 1.661 | 364.5      |
| PFBL2600-D      | 26   | 34.25 | BLIND | 31.75    | 1.375  | 24     | 1.786 | 448.2      |
| PFBL2800-D      | 28   | 36.50 | BLIND | 34.00    | 1.375  | 28     | 1.906 | 542.6      |
| PFBL3000-D      | 30   | 38.75 | BLIND | 36.00    | 1.375  | 28     | 2.008 | 647.3      |
| PFBL3200-D      | 32   | 41.75 | BLIND | 38.50    | 1.625  | 28     | 2.150 | 798.6      |
| PFBL3400-D      | 34   | 43.75 | BLIND | 40.50    | 1.625  | 32     | 2.252 | 916.9      |
| PFBL3600-D      | 36   | 46.00 | BLIND | 42.75    | 1.625  | 32     | 2.370 | 1071.4     |
| PFBL3800-D      | 38   | 48.75 | BLIND | 45.25    | 1.625  | 32     | 2.506 | 1278.2     |
| PFBL4000-D      | 40   | 50.75 | BLIND | 47.25    | 1.625  | 36     | 2.609 | 1440.1     |
| PFBL4200-D      | 42   | 53.00 | BLIND | 49.50    | 1.625  | 36     | 2.729 | 1648.1     |
| PFBL4400-D      | 44   | 55.25 | BLIND | 51.75    | 1.625  | 40     | 2.849 | 1868.2     |
| PFBL4600-D      | 46   | 57.25 | BLIND | 53.75    | 1.625  | 40     | 2.952 | 2083.7     |
| PFBL4800-D      | 48   | 59.50 | BLIND | 56.00    | 1.625  | 44     | 3.072 | 2340.7     |
| PFBL5000-D      | 50   | 61.75 | BLIND | 58.25    | 1.875  | 44     | 3.196 | 2601.9     |
| PFBL5200-D      | 52   | 64.00 | BLIND | 60.50    | 1.875  | 44     | 3.315 | 2907.5     |
| PFBL5400-D      | 54   | 66.25 | BLIND | 62.75    | 1.875  | 44     | 3.435 | 3236.7     |
| PFBL6000-D      | 60   | 73.00 | BLIND | 69.25    | 1.875  | 52     | 3.779 | 4327.6     |
| PFBL6600-D      | 66   | 80.00 | BLIND | 76.00    | 1.875  | 52     | 4.136 | 5722.2     |
| PFBL7200-D      | 72   | 86.50 | BLIND | 82.50    | 1.875  | 60     | 4.480 | 7249.0     |

### Notes:

- Steel material conforms to the requirements of AWWA C207 specifications. Other material is available upon request.
- Meets ASME/ANSI Class 150 bolt pattern.
- AWWA recommends the use of Dish Assemblies for sizes above 48". Call API customer service for additional information.

**Pressure Ratings: 175psi (4" – 12") and 150psi (14" and larger) at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



## AWWA Class “E” Steel Blind Flanges [275 psi]

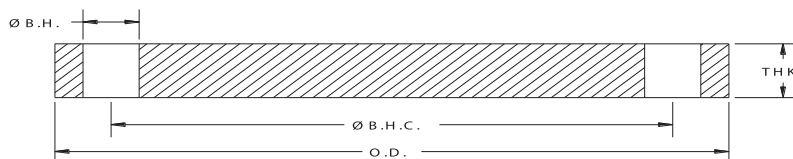
| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| PFBLO400-E      | 4    | 9.00  | BLIND | 7.50     | 0.750  | 8      | 1.125 | 19.2       |
| PFBLO500-E      | 5    | 10.00 | BLIND | 8.50     | 0.875  | 8      | 1.188 | 24.8       |
| PFBLO600-E      | 6    | 11.00 | BLIND | 9.50     | 0.875  | 8      | 1.313 | 33.6       |
| PFBLO800-E      | 8    | 13.50 | BLIND | 11.75    | 0.875  | 8      | 1.500 | 58.8       |
| PFBL1000-E      | 10   | 16.00 | BLIND | 14.25    | 1.000  | 12     | 1.563 | 84.9       |
| PFBL1200-E      | 12   | 19.00 | BLIND | 17.00    | 1.000  | 12     | 1.750 | 135.9      |
| PFBL1400-E      | 14   | 21.00 | BLIND | 18.75    | 1.125  | 12     | 1.875 | 177.7      |
| PFBL1600-E      | 16   | 23.50 | BLIND | 21.25    | 1.125  | 16     | 2.000 | 236.8      |
| PFBL1800-E      | 18   | 25.00 | BLIND | 22.75    | 1.250  | 16     | 2.125 | 283.7      |
| PFBL2000-E      | 20   | 27.50 | BLIND | 25.00    | 1.250  | 20     | 2.375 | 383.2      |
| PFBL2200-E      | 22   | 29.50 | BLIND | 27.25    | 1.375  | 20     | 2.500 | 463.1      |
| PFBL2400-E      | 24   | 32.00 | BLIND | 29.50    | 1.375  | 20     | 2.625 | 576.1      |
| PFBL2600-E      | 26   | 34.25 | BLIND | 31.75    | 1.375  | 24     | 2.750 | 690.1      |
| PFBL2800-E      | 28   | 36.50 | BLIND | 34.00    | 1.375  | 28     | 2.750 | 782.9      |
| PFBL3000-E      | 30   | 38.75 | BLIND | 36.00    | 1.375  | 28     | 2.875 | 926.8      |
| PFBL3200-E      | 32   | 41.75 | BLIND | 38.50    | 1.625  | 28     | 3.000 | 1114.3     |
| PFBL3400-E      | 34   | 43.75 | BLIND | 40.50    | 1.625  | 32     | 3.050 | 1241.8     |
| PFBL3600-E      | 36   | 46.00 | BLIND | 42.75    | 1.625  | 32     | 3.209 | 1450.7     |
| PFBL3800-E      | 38   | 48.75 | BLIND | 45.25    | 1.625  | 32     | 3.394 | 1731.1     |
| PFBL4000-E      | 40   | 50.75 | BLIND | 47.25    | 1.625  | 36     | 3.533 | 1950.2     |
| PFBL4200-E      | 42   | 53.00 | BLIND | 49.50    | 1.625  | 36     | 3.695 | 2231.5     |
| PFBL4400-E      | 44   | 55.25 | BLIND | 51.75    | 1.625  | 40     | 3.857 | 2529.4     |
| PFBL4600-E      | 46   | 57.25 | BLIND | 53.75    | 1.625  | 40     | 3.997 | 2821.3     |
| PFBL4800-E      | 48   | 59.50 | BLIND | 56.00    | 1.625  | 44     | 4.159 | 3169.0     |
| PFBL5000-E      | 50   | 61.75 | BLIND | 58.25    | 1.875  | 44     | 4.327 | 3522.6     |
| PFBL5200-E      | 52   | 64.00 | BLIND | 60.50    | 1.875  | 44     | 4.489 | 3937.1     |
| PFBL5400-E      | 54   | 66.25 | BLIND | 62.75    | 1.875  | 44     | 4.651 | 4382.5     |
| PFBL6000-E      | 60   | 73.00 | BLIND | 69.25    | 1.875  | 52     | 5.116 | 5858.7     |
| PFBL6600-E      | 66   | 80.00 | BLIND | 76.00    | 1.875  | 52     | 5.601 | 7749.0     |
| PFBL7200-E      | 72   | 86.50 | BLIND | 82.50    | 1.875  | 60     | 6.066 | 9815.3     |

**Notes:**

- Steel material conforms to the requirements of AWWA C207 specifications. Other material is available upon request.
- Meets ASME/ANSI Class 150 bolt pattern.
- AWWA recommends the use of Dish Assemblies for sizes above 48". Call API customer service for additional information.

**Pressure Ratings: 275psi at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



## AWWA Class “F” Steel Blind Flanges [300 psi]

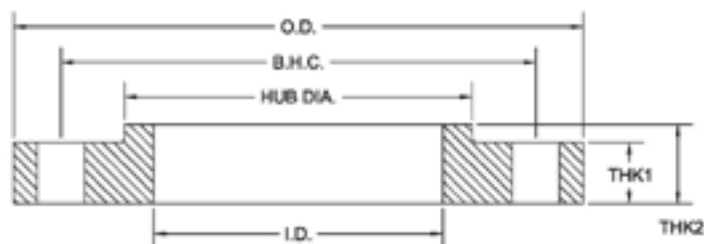
| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| PFBLO400-F      | 4    | 10.00 | BLIND | 7.88     | 0.875  | 8      | 1.130 | 23.6       |
| PFBLO500-F      | 5    | 11.00 | BLIND | 9.25     | 0.875  | 8      | 1.210 | 30.9       |
| PFBLO600-F      | 6    | 12.50 | BLIND | 10.62    | 0.875  | 12     | 1.310 | 42.9       |
| PFBLO800-F      | 8    | 15.00 | BLIND | 13.00    | 1.000  | 12     | 1.310 | 62.1       |
| PFBL1000-F      | 10   | 17.50 | BLIND | 15.25    | 1.125  | 16     | 1.500 | 95.5       |
| PFBL1200-F      | 12   | 20.50 | BLIND | 17.75    | 1.250  | 16     | 1.630 | 143.4      |
| PFBL1400-F      | 14   | 23.00 | BLIND | 20.25    | 1.250  | 20     | 1.940 | 214.9      |
| PFBL1600-F      | 16   | 25.50 | BLIND | 22.50    | 1.375  | 20     | 2.140 | 291.7      |
| PFBL1800-F      | 18   | 28.00 | BLIND | 24.75    | 1.375  | 24     | 2.250 | 369.8      |
| PFBL2000-F      | 20   | 30.50 | BLIND | 27.00    | 1.375  | 24     | 2.330 | 458.8      |
| PFBL2200-F      | 22   | 33.00 | BLIND | 29.25    | 1.375  | 24     | 2.500 | 580.6      |
| PFBL2400-F      | 24   | 36.00 | BLIND | 32.00    | 1.625  | 24     | 2.690 | 737.9      |
| PFBL2600-F      | 26   | 38.25 | BLIND | 34.50    | 1.875  | 28     | 3.000 | 911.0      |
| PFBL2800-F      | 28   | 40.75 | BLIND | 37.00    | 1.875  | 28     | 3.130 | 1088.0     |
| PFBL3000-F      | 30   | 43.00 | BLIND | 39.25    | 1.875  | 28     | 3.166 | 1233.3     |
| PFBL3200-F      | 32   | 45.25 | BLIND | 41.50    | 1.875  | 28     | 3.332 | 1445.2     |
| PFBL3400-F      | 34   | 47.50 | BLIND | 43.50    | 1.875  | 28     | 3.475 | 1668.6     |
| PFBL3600-F      | 36   | 50.00 | BLIND | 46.00    | 2.125  | 32     | 3.671 | 1924.2     |
| PFBL3800-F      | 38   | 52.25 | BLIND | 48.00    | 2.125  | 32     | 3.815 | 2195.0     |
| PFBL4000-F      | 40   | 54.25 | BLIND | 50.25    | 2.125  | 36     | 3.982 | 2463.8     |
| PFBL4200-F      | 42   | 57.00 | BLIND | 52.75    | 2.125  | 36     | 4.171 | 2864.7     |
| PFBL4400-F      | 44   | 59.25 | BLIND | 55.00    | 2.125  | 36     | 4.338 | 3231.9     |
| PFBL4600-F      | 46   | 61.50 | BLIND | 57.25    | 2.125  | 40     | 4.505 | 3628.7     |
| PFBL4800-F      | 48   | 65.00 | BLIND | 60.75    | 2.125  | 40     | 4.781 | 4322.1     |

**Notes:**

- a. Steel material conforms to the requirements of AWWA C207 specifications. Other material is available upon request.
- b. Meets ASME/ANSI Class 300 bolt pattern.
- c. AWWA recommends the use of Dish Assemblies for sizes above 48". Call API customer service for additional information.

**Pressure Ratings: 300psi at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



## AWWA Class "D" Steel Hub Ring Flange [150-175 psi]

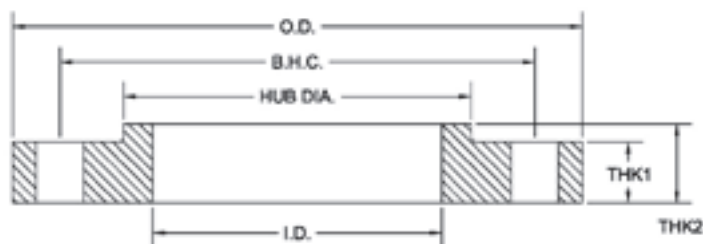
| API Part Number | Size | O.D.   | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK1  | THK2  | H.D.    | Weight Lbs |
|-----------------|------|--------|-------|----------|--------|--------|-------|-------|---------|------------|
| PF0400-D-H      | 4    | 9.00   | 4.57  | 7.50     | 0.750  | 8      | 0.500 | 0.875 | 5.312   | 6.8        |
| PF0500-D-H      | 5    | 10.00  | 5.66  | 8.50     | 0.875  | 8      | 0.562 | 1.250 | 6.312   | 8.9        |
| PF0600-D-H      | 6    | 11.00  | 6.72  | 9.50     | 0.875  | 8      | 0.562 | 1.250 | 7.562   | 10.5       |
| PF0800-D-H      | 8    | 13.50  | 8.72  | 11.75    | 0.875  | 8      | 0.562 | 1.250 | 9.688   | 15.2       |
| PF1000-D-H      | 10   | 16.00  | 10.88 | 14.25    | 1.000  | 12     | 0.688 | 1.250 | 12.000  | 22.4       |
| PF1200-D-H      | 12   | 19.00  | 12.88 | 17.00    | 1.000  | 12     | 0.688 | 1.250 | 14.375  | 33.1       |
| PF1400-D-H      | 14   | 21.00  | 14.19 | 18.75    | 1.125  | 12     | 0.750 | 1.250 | 15.750  | 42.6       |
| PF1600-D-H      | 16   | 23.50  | 16.19 | 21.25    | 1.125  | 16     | 0.750 | 1.250 | 18.000  | 51.9       |
| PF1800-D-H      | 18   | 25.00  | 18.19 | 22.75    | 1.250  | 16     | 0.750 | 1.250 | 19.875  | 52.0       |
| PF2000-D-H      | 20   | 27.50  | 20.19 | 25.00    | 1.250  | 20     | 0.750 | 1.250 | 22.000  | 61.4       |
| PF2200-D-H      | 22   | 29.50  | 22.19 | 27.25    | 1.375  | 20     | 1.000 | 1.750 | 24.000  | 91.5       |
| PF2400-D-H      | 24   | 32.00  | 24.19 | 29.50    | 1.375  | 20     | 1.000 | 1.750 | 26.125  | 105.0      |
| PF2600-D-H      | 26   | 34.25  | 26.19 | 31.75    | 1.375  | 24     | 1.000 | 1.750 | 28.500  | 119.0      |
| PF2800-D-H      | 28   | 36.50  | 28.19 | 34.00    | 1.375  | 28     | 1.000 | 1.750 | 30.500  | 129.0      |
| PF3000-D-H      | 30   | 38.75  | 30.19 | 36.00    | 1.375  | 28     | 1.000 | 1.750 | 32.500  | 143.0      |
| PF3200-D-H      | 32   | 41.75  | 32.19 | 38.50    | 1.625  | 28     | 1.125 | 1.750 | 34.750  | 180.0      |
| PF3400-D-H      | 34   | 43.75  | 34.19 | 40.50    | 1.625  | 32     | 1.125 | 1.750 | 36.750  | 189.0      |
| PF3600-D-H      | 36   | 46.00  | 36.19 | 42.75    | 1.625  | 32     | 1.125 | 1.750 | 38.750  | 206.0      |
| PF3800-D-H      | 38   | 48.75  | 38.19 | 45.25    | 1.625  | 32     | 1.125 | 1.750 | 40.750  | 236.0      |
| PF4000-D-H      | 40   | 50.75  | 40.19 | 47.25    | 1.625  | 36     | 1.125 | 1.750 | 43.000  | 247.0      |
| PF4200-D-H      | 42   | 53.00  | 42.19 | 49.50    | 1.625  | 36     | 1.250 | 1.750 | 45.000  | 285.0      |
| PF4400-D-H      | 44   | 55.25  | 44.19 | 51.75    | 1.625  | 40     | 1.250 | 2.250 | 47.000  | 333.0      |
| PF4600-D-H      | 46   | 57.25  | 46.19 | 53.75    | 1.625  | 40     | 1.250 | 2.250 | 49.000  | 348.0      |
| PF4800-D-H      | 48   | 59.50  | 48.19 | 56.00    | 1.625  | 44     | 1.375 | 2.500 | 51.000  | 404.0      |
| PF5000-D-H      | 50   | 61.75  | 50.19 | 58.25    | 1.875  | 44     | 1.375 | 2.500 | 53.000  | 420.0      |
| PF5200-D-H      | 52   | 64.00  | 52.19 | 60.50    | 1.875  | 44     | 1.375 | 2.500 | 55.000  | 447.0      |
| PF5400-D-H      | 54   | 66.25  | 54.19 | 62.75    | 1.875  | 44     | 1.375 | 2.500 | 57.000  | 472.0      |
| PF6000-D-H      | 60   | 73.00  | 60.19 | 69.25    | 1.875  | 52     | 1.500 | 2.750 | 63.000  | 604.0      |
| PF6600-D-H      | 66   | 80.00  | 66.19 | 76.00    | 1.875  | 52     | 1.500 | 2.750 | 69.000  | 717.0      |
| PF7200-D-H      | 72   | 86.50  | 72.19 | 82.50    | 1.875  | 60     | 1.500 | 2.750 | 75.000  | 801.0      |
| PF7800-D-H      | 78   | 93.00  | 78.19 | 89.00    | 2.125  | 64     | 1.750 | 3.000 | 81.250  | 1009.0     |
| PF8400-D-H      | 84   | 99.75  | 84.19 | 95.50    | 2.125  | 64     | 1.750 | 3.000 | 87.500  | 1158.0     |
| PF9000-D-H      | 90   | 106.50 | 90.19 | 102.00   | 2.438  | 68     | 2.000 | 3.200 | 93.750  | 1430.0     |
| PF9600-D-H      | 96   | 113.25 | 96.19 | 108.50   | 2.438  | 68     | 2.000 | 3.250 | 100.000 | 1625.0     |

### Notes:

- Steel material conforms to the requirements of AWWA C207 specifications. Other material is available upon request.
- Meets ASME/ANSI Class 150 bolt pattern.

**Pressure Ratings: 175psi (4" – 12") 150psi (14" and larger) at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



## AWWA Class “E” Steel Hub Ring Flange [275 psi]

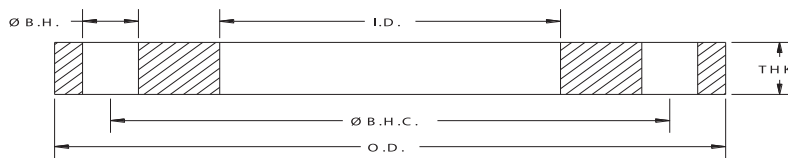
| API Part Number | Size | O.D.   | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK1  | THK2  | H.D.    | Weight Lbs |
|-----------------|------|--------|-------|----------|--------|--------|-------|-------|---------|------------|
| PF0400-E-H      | 4    | 9.00   | 4.57  | 7.50     | 0.750  | 8      | 0.938 | 1.312 | 5.312   | 12.2       |
| PF0500-E-H      | 5    | 10.00  | 5.66  | 8.50     | 0.875  | 8      | 0.938 | 1.438 | 6.438   | 13.9       |
| PF0600-E-H      | 6    | 11.00  | 6.72  | 9.50     | 0.875  | 8      | 1.000 | 1.562 | 7.562   | 17.0       |
| PF0800-E-H      | 8    | 13.50  | 8.72  | 11.75    | 0.875  | 8      | 1.125 | 1.750 | 9.688   | 27.5       |
| PF1000-E-H      | 10   | 16.00  | 10.88 | 14.25    | 1.000  | 12     | 1.188 | 1.938 | 12.000  | 37.4       |
| PF1200-E-H      | 12   | 19.00  | 12.88 | 17.00    | 1.000  | 12     | 1.250 | 2.188 | 14.375  | 59.4       |
| PF1400-E-H      | 14   | 21.00  | 14.19 | 18.75    | 1.125  | 12     | 1.375 | 2.250 | 15.750  | 77.7       |
| PF1600-E-H      | 16   | 23.50  | 16.19 | 21.25    | 1.125  | 16     | 1.438 | 2.500 | 18.000  | 100.0      |
| PF1800-E-H      | 18   | 25.00  | 18.19 | 22.75    | 1.250  | 16     | 1.562 | 2.688 | 19.875  | 109.0      |
| PF2000-E-H      | 20   | 27.50  | 20.19 | 25.00    | 1.250  | 20     | 1.688 | 2.875 | 22.000  | 139.0      |
| PF2200-E-H      | 22   | 29.50  | 22.19 | 27.25    | 1.375  | 20     | 1.812 | 3.125 | 24.000  | 161.0      |
| PF2400-E-H      | 24   | 32.00  | 24.19 | 29.50    | 1.375  | 20     | 1.875 | 3.250 | 26.125  | 198.0      |
| PF2600-E-H      | 26   | 34.25  | 26.19 | 31.75    | 1.375  | 24     | 2.000 | 3.375 | 28.500  | 235.0      |
| PF2800-E-H      | 28   | 36.50  | 28.19 | 34.00    | 1.375  | 28     | 2.062 | 3.438 | 30.750  | 168.0      |
| PF3000-E-H      | 30   | 38.75  | 30.19 | 36.00    | 1.375  | 28     | 2.125 | 3.530 | 32.750  | 303.0      |
| PF3200-E-H      | 32   | 41.75  | 32.19 | 38.50    | 1.625  | 28     | 2.250 | 3.625 | 35.000  | 375.0      |
| PF3400-E-H      | 34   | 43.75  | 34.19 | 40.50    | 1.625  | 32     | 2.312 | 3.688 | 37.000  | 400.0      |
| PF3600-E-H      | 36   | 46.00  | 36.19 | 42.75    | 1.625  | 32     | 2.375 | 3.750 | 39.250  | 450.0      |
| PF3800-E-H      | 38   | 48.75  | 38.19 | 45.25    | 1.625  | 32     | 2.375 | 3.750 | 41.750  | 527.0      |
| PF4000-E-H      | 40   | 50.75  | 40.19 | 47.25    | 1.625  | 36     | 2.500 | 3.875 | 43.750  | 570.0      |
| PF4200-E-H      | 42   | 53.00  | 42.19 | 49.50    | 1.625  | 36     | 2.625 | 4.000 | 46.000  | 650.0      |
| PF4400-E-H      | 44   | 55.25  | 44.19 | 51.75    | 1.625  | 40     | 2.625 | 4.000 | 48.000  | 687.0      |
| PF4600-E-H      | 46   | 57.25  | 46.19 | 53.75    | 1.625  | 40     | 2.688 | 4.062 | 50.000  | 732.0      |
| PF4800-E-H      | 48   | 59.50  | 48.19 | 56.00    | 1.625  | 44     | 2.750 | 4.125 | 52.250  | 800.0      |
| PF5000-E-H      | 50   | 61.75  | 50.19 | 58.25    | 1.875  | 44     | 2.750 | 4.125 | 54.250  | 826.0      |
| PF5200-E-H      | 52   | 64.00  | 52.19 | 60.50    | 1.875  | 44     | 2.875 | 4.250 | 56.500  | 921.0      |
| PF5400-E-H      | 54   | 66.25  | 54.19 | 62.75    | 1.875  | 44     | 3.000 | 4.375 | 58.750  | 1022.0     |
| PF6000-E-H      | 60   | 73.00  | 60.19 | 69.25    | 1.875  | 52     | 3.125 | 4.500 | 65.250  | 1252.0     |
| PF6600-E-H      | 66   | 80.00  | 66.19 | 76.00    | 1.875  | 52     | 3.375 | 4.875 | 71.500  | 1621.0     |
| PF7200-E-H      | 72   | 86.50  | 72.19 | 82.50    | 1.875  | 60     | 3.500 | 5.000 | 78.500  | 1919.0     |
| PF7800-E-H      | 78   | 93.00  | 78.19 | 89.00    | 2.125  | 64     | 3.875 | 5.375 | 84.500  | 2277.0     |
| PF8400-E-H      | 84   | 99.75  | 84.19 | 95.50    | 2.125  | 64     | 3.875 | 5.375 | 90.500  | 2583.0     |
| PF9000-E-H      | 90   | 106.50 | 90.19 | 102.00   | 2.438  | 68     | 4.250 | 5.750 | 96.750  | 3076.0     |
| PF9600-E-H      | 96   | 113.25 | 96.19 | 108.50   | 2.438  | 68     | 4.250 | 5.750 | 102.750 | 3448.0     |

**Notes:**

- a. Steel material conforms to the requirements of AWWA C207 specifications. Other material is available upon request.
- b. Meets ASME/ANSI Class 150 bolt pattern.

**Pressure Ratings: 275psi at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



## AWWA Class "SA" Stainless Steel-Ring Flanges [50psi]

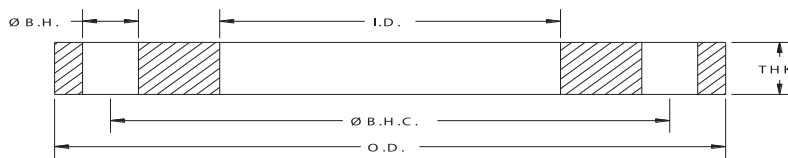
| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C | Ø B.H. | # B.H | THK   | Weight lbs |
|-----------------|------|-------|-------|---------|--------|-------|-------|------------|
| SPF0200-A       | 2    | 6.00  | 2.44  | 4.75    | 0.750  | 4     | 0.500 | 3.0        |
| SPF0250-A       | 2.5  | 7.00  | 2.94  | 5.50    | 0.750  | 4     | 0.500 | 4.0        |
| SPF0300-A       | 3    | 7.50  | 3.57  | 6.00    | 0.750  | 4     | 0.500 | 4.7        |
| SPF0400-A       | 4    | 9.00  | 4.57  | 7.50    | 0.750  | 8     | 0.500 | 6.4        |
| SPF0500-A       | 5    | 10.00 | 5.66  | 8.50    | 0.875  | 8     | 0.500 | 7.2        |
| SPF0600-A       | 6    | 11.00 | 6.72  | 9.50    | 0.875  | 8     | 0.500 | 8.4        |
| SPF0800-A       | 8    | 13.50 | 8.72  | 11.75   | 0.875  | 8     | 0.500 | 11.4       |
| SPF1000-A       | 10   | 16.00 | 10.88 | 14.25   | 1.000  | 12    | 0.625 | 17.4       |
| SPF1200-A       | 12   | 19.00 | 12.88 | 17.00   | 1.000  | 12    | 0.625 | 25.5       |
| SPF1400-A       | 14   | 21.00 | 14.19 | 18.75   | 1.125  | 12    | 0.625 | 31.3       |

### Notes:

- a. All Stainless Steel flanges available in Dual Grade 304/304L or 316/316L.  
Material conforms to the requirements of AWWA C228 specifications.  
Other material is available upon request.
- b. Meets ASME/ANSI Class 150 bolt pattern.
- c. For flanges larger than 14" see AWWA Class "B"
- d. Class SB is being sold as the recommended product for sizes 10", 12", 14" and meet/exceed the required pressure ratings for Class SA
- e. Thickness Spec's (sizes 10", 12", 14"):  
  - i. AWWA Class A requires minimum .625" (+.125; -.000).
  - ii. AWWA Class B requires minimum .688" (.125; -.000).
- f. AWWA Class A acceptable thickness (sizes 10", 12", 14") : .625 -.750"

**Pressure Ratings: 50psi at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



## AWWA Class "SB" Stainless Steel-Ring Flanges [86 psi]

| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| SPF0200-B       | 2    | 6.00  | 2.44  | 4.75     | 0.750  | 4      | 0.625 | 3.9        |
| SPF0250-B       | 2.5  | 7.00  | 2.94  | 5.50     | 0.750  | 4      | 0.625 | 5.3        |
| SPF0300-B       | 3    | 7.50  | 3.57  | 6.00     | 0.750  | 4      | 0.625 | 5.7        |
| SPF0400-B       | 4    | 9.00  | 4.57  | 7.50     | 0.750  | 8      | 0.625 | 7.7        |
| SPF0500-B       | 5    | 10.00 | 5.66  | 8.50     | 0.875  | 8      | 0.625 | 8.6        |
| SPF0600-B       | 6    | 11.00 | 6.72  | 9.50     | 0.875  | 8      | 0.688 | 10.7       |
| SPF0800-B       | 8    | 13.50 | 8.72  | 11.75    | 0.875  | 8      | 0.688 | 15.3       |
| SPF1000-B       | 10   | 16.00 | 10.88 | 14.25    | 1.000  | 12     | 0.688 | 19.2       |
| SPF1200-B       | 12   | 19.00 | 12.88 | 17.00    | 1.000  | 12     | 0.688 | 29.3       |
| SPF1400-B       | 14   | 21.00 | 14.19 | 18.75    | 1.125  | 12     | 0.688 | 36.2       |
| SPF1600-B       | 16   | 23.50 | 16.19 | 21.25    | 1.125  | 16     | 0.688 | 42.2       |
| SPF1800-B       | 18   | 25.00 | 18.19 | 22.75    | 1.250  | 16     | 0.688 | 44.8       |
| SPF2000-B       | 20   | 27.50 | 20.19 | 25.00    | 1.250  | 20     | 0.688 | 52.1       |
| SPF2200-B       | 22   | 29.50 | 22.19 | 27.25    | 1.375  | 20     | 0.750 | 60.9       |
| SPF2400-B       | 24   | 32.00 | 24.19 | 29.50    | 1.375  | 20     | 0.750 | 71.0       |
| SPF2600-B       | 26   | 34.25 | 26.19 | 31.75    | 1.375  | 24     | 0.812 | 80.0       |
| SPF2800-B       | 28   | 36.50 | 28.19 | 34.00    | 1.375  | 28     | 0.875 | 94.0       |
| SPF3000-B       | 30   | 38.75 | 30.19 | 36.00    | 1.375  | 28     | 0.875 | 108.0      |
| SPF3200-B       | 32   | 41.75 | 32.19 | 38.50    | 1.625  | 28     | 0.938 | 121.0      |
| SPF3400-B       | 34   | 43.75 | 34.19 | 40.50    | 1.625  | 32     | 0.938 | 137.0      |
| SPF3600-B       | 36   | 46.00 | 36.19 | 42.75    | 1.625  | 32     | 1.000 | 166.0      |
| SPF3800-B       | 38   | 48.75 | 38.19 | 45.25    | 1.625  | 32     | 1.000 | 185.0      |
| SPF4000-B       | 40   | 50.75 | 40.19 | 47.25    | 1.625  | 36     | 1.000 | 203.0      |
| SPF4200-B       | 42   | 53.00 | 42.19 | 49.50    | 1.625  | 36     | 1.125 | 241.0      |
| SPF4400-B       | 44   | 55.25 | 44.19 | 51.75    | 1.625  | 40     | 1.125 | 248.0      |
| SPF4600-B       | 46   | 57.25 | 46.19 | 53.75    | 1.625  | 40     | 1.125 | 259.0      |
| SPF4800-B       | 48   | 59.50 | 48.19 | 56.00    | 1.625  | 44     | 1.250 | 285.0      |
| SPF5000-B       | 50   | 61.75 | 50.19 | 58.25    | 1.875  | 44     | 1.250 | 316.0      |
| SPF5200-B       | 52   | 64.00 | 52.19 | 60.50    | 1.875  | 44     | 1.250 | 338.0      |
| SPF5400-B       | 54   | 66.25 | 54.19 | 62.75    | 1.875  | 44     | 1.375 | 397.0      |
| SPF6000-B       | 60   | 73.00 | 60.19 | 69.25    | 1.875  | 52     | 1.500 | 472.0      |

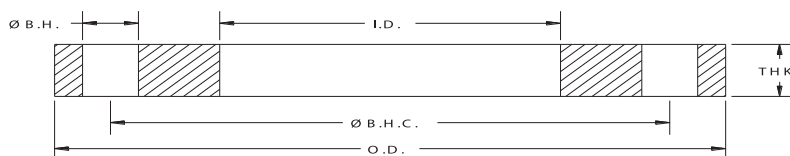
### Notes:

- All Stainless Steel flanges available in Dual Grade 304/304L or 316/316L. Material conforms to the requirements of AWWA C228 specifications. Other material is available upon request.
- Meets ASME/ANSI Class 150 bolt pattern.
- For flanges in smaller sizes see page 4.3.

**Pressure Ratings: 86psi at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**





## AWWA Class “SD” Stainless Steel-Ring Flanges [150-175 psi]

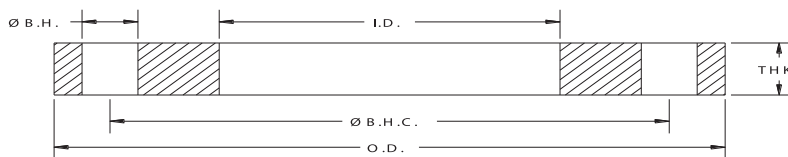
| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| SPF0200-D       | 2    | 6.00  | 2.44  | 4.75     | 0.750  | 4      | 0.625 | 3.9        |
| SPF0250-D       | 2.5  | 7.00  | 2.94  | 5.50     | 0.750  | 4      | 0.625 | 5.3        |
| SPF0300-D       | 3    | 7.50  | 3.57  | 6.00     | 0.750  | 4      | 0.625 | 5.7        |
| SPF0400-D       | 4    | 9.00  | 4.57  | 7.50     | 0.750  | 8      | 0.625 | 8.1        |
| SPF0500-D       | 5    | 10.00 | 5.66  | 8.50     | 0.875  | 8      | 0.625 | 9.1        |
| SPF0600-D       | 6    | 11.00 | 6.72  | 9.50     | 0.875  | 8      | 0.688 | 10.7       |
| SPF0800-D       | 8    | 13.50 | 8.72  | 11.75    | 0.875  | 8      | 0.688 | 15.7       |
| SPF1000-D       | 10   | 16.00 | 10.88 | 14.25    | 1.000  | 12     | 0.688 | 19.3       |
| SPF1200-D       | 12   | 19.00 | 12.88 | 17.00    | 1.000  | 12     | 0.812 | 33.9       |
| SPF1400-D       | 14   | 21.00 | 14.19 | 18.75    | 1.125  | 12     | 0.938 | 47.3       |
| SPF1600-D       | 16   | 23.50 | 16.19 | 21.25    | 1.125  | 16     | 1.000 | 60.8       |
| SPF1800-D       | 18   | 25.00 | 18.19 | 22.75    | 1.250  | 16     | 1.062 | 65.2       |
| SPF2000-D       | 20   | 27.50 | 20.19 | 25.00    | 1.250  | 20     | 1.125 | 81.2       |
| SPF2200-D       | 22   | 29.50 | 22.19 | 27.25    | 1.375  | 20     | 1.188 | 90.8       |
| SPF2400-D       | 24   | 32.00 | 24.19 | 29.50    | 1.375  | 20     | 1.250 | 112.0      |
| SPF2600-D       | 26   | 34.25 | 26.19 | 31.75    | 1.375  | 24     | 1.312 | 132.0      |
| SPF2800-D       | 28   | 36.50 | 28.19 | 34.00    | 1.375  | 28     | 1.312 | 148.0      |
| SPF3000-D       | 30   | 38.75 | 30.19 | 36.00    | 1.375  | 28     | 1.375 | 169.0      |
| SPF3200-D       | 32   | 41.75 | 32.19 | 38.50    | 1.625  | 28     | 1.500 | 211.0      |
| SPF3400-D       | 34   | 43.75 | 34.19 | 40.50    | 1.625  | 32     | 1.500 | 219.0      |
| SPF3600-D       | 36   | 46.00 | 36.19 | 42.75    | 1.625  | 32     | 1.625 | 265.0      |
| SPF3800-D       | 38   | 48.75 | 38.19 | 45.25    | 1.625  | 32     | 1.625 | 300.0      |
| SPF4000-D       | 40   | 50.75 | 40.19 | 47.25    | 1.625  | 36     | 1.625 | 311.0      |
| SPF4200-D       | 42   | 53.00 | 42.19 | 49.50    | 1.625  | 36     | 1.750 | 362.0      |
| SPF4400-D       | 44   | 55.25 | 44.19 | 51.75    | 1.625  | 40     | 1.750 | 385.0      |
| SPF4600-D       | 46   | 57.25 | 46.19 | 53.75    | 1.625  | 40     | 1.750 | 404.0      |
| SPF4800-D       | 48   | 59.50 | 48.19 | 56.00    | 1.625  | 44     | 1.875 | 457.0      |
| SPF5000-D       | 50   | 61.75 | 50.19 | 58.25    | 1.875  | 44     | 2.000 | 505.0      |
| SPF5200-D       | 52   | 64.00 | 52.19 | 60.50    | 1.875  | 44     | 2.000 | 539.0      |
| SPF5400-D       | 54   | 66.25 | 54.19 | 62.75    | 1.875  | 44     | 2.125 | 611.0      |
| SPF6000-D       | 60   | 73.00 | 60.19 | 69.25    | 1.875  | 52     | 2.250 | 760.0      |

### Notes:

- All Stainless Steel flanges available in Dual Grade 304/304L or 316/316L.  
Material conforms to the requirements of AWWA C228 specifications.  
Other material is available upon request.
- Meets ASME/ANSI Class 150 bolt pattern.
- For flanges in smaller sizes see page 4.3.

**Pressure Ratings: 175psi (4" – 12") and 150psi (14" and larger) at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



## AWWA Class “SE” Stainless Steel-Ring Flanges [275 psi]

| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| SPF0200-E       | 2    | 6.00  | 2.44  | 4.75     | 0.750  | 4      | 1.125 | 6.9        |
| SPF0250-E       | 2.5  | 7.00  | 2.94  | 5.50     | 0.750  | 4      | 1.125 | 9.5        |
| SPF0300-E       | 3    | 7.50  | 3.57  | 6.00     | 0.750  | 4      | 1.125 | 10.3       |
| SPF0400-E       | 4    | 9.00  | 4.57  | 7.50     | 0.750  | 8      | 1.125 | 14.1       |
| SPF0500-E       | 5    | 10.00 | 5.66  | 8.50     | 0.875  | 8      | 1.188 | 16.7       |
| SPF0600-E       | 6    | 11.00 | 6.72  | 9.50     | 0.875  | 8      | 1.313 | 21.1       |
| SPF0800-E       | 8    | 13.50 | 8.72  | 11.75    | 0.875  | 8      | 1.500 | 34.4       |
| SPF1000-E       | 10   | 16.00 | 10.88 | 14.25    | 1.000  | 12     | 1.563 | 45.9       |
| SPF1200-E       | 12   | 19.00 | 12.88 | 17.00    | 1.000  | 12     | 1.750 | 72.3       |
| SPF1400-E       | 14   | 21.00 | 14.19 | 18.75    | 1.125  | 12     | 1.875 | 97.7       |
| SPF1600-E       | 16   | 23.50 | 16.19 | 21.25    | 1.125  | 16     | 2.000 | 123.4      |
| SPF1800-E       | 18   | 25.00 | 18.19 | 22.75    | 1.250  | 16     | 2.125 | 130.0      |
| SPF2000-E       | 20   | 27.50 | 20.19 | 25.00    | 1.250  | 20     | 2.375 | 171.0      |
| SPF2200-E       | 22   | 29.50 | 22.19 | 27.25    | 1.375  | 20     | 2.500 | 189.0      |
| SPF2400-E       | 24   | 32.00 | 24.19 | 29.50    | 1.375  | 20     | 2.625 | 234.0      |
| SPF2600-E       | 26   | 34.25 | 26.19 | 31.75    | 1.375  | 24     | 2.750 | 270.0      |
| SPF2800-E       | 28   | 36.50 | 28.19 | 34.00    | 1.375  | 28     | 2.750 | 296.0      |
| SPF3000-E       | 30   | 38.75 | 30.19 | 36.00    | 1.375  | 28     | 2.875 | 350.0      |
| SPF3200-E       | 32   | 41.75 | 32.19 | 38.50    | 1.625  | 28     | 3.000 | 396.0      |
| SPF3400-E       | 34   | 43.75 | 34.19 | 40.50    | 1.625  | 32     | 3.000 | 440.0      |
| SPF3600-E       | 36   | 46.00 | 36.19 | 42.75    | 1.625  | 32     | 3.125 | 511.0      |
| SPF3800-E       | 38   | 48.75 | 38.19 | 45.25    | 1.625  | 32     | 3.125 | 579.0      |
| SPF4000-E       | 40   | 50.75 | 40.19 | 47.25    | 1.625  | 36     | 3.250 | 625.0      |
| SPF4200-E       | 42   | 53.00 | 42.19 | 49.50    | 1.625  | 36     | 3.375 | 689.0      |
| SPF4400-E       | 44   | 55.25 | 44.19 | 51.75    | 1.625  | 40     | 3.375 | 746.0      |
| SPF4600-E       | 46   | 57.25 | 46.19 | 53.75    | 1.625  | 40     | 3.438 | 799.0      |
| SPF4800-E       | 48   | 59.50 | 48.19 | 56.00    | 1.625  | 44     | 3.500 | 857.0      |
| SPF5000-E       | 50   | 61.75 | 50.19 | 58.25    | 1.875  | 44     | 3.500 | 886.0      |
| SPF5200-E       | 52   | 64.00 | 52.19 | 60.50    | 1.875  | 44     | 3.625 | 992.0      |
| SPF5400-E       | 54   | 66.25 | 54.19 | 62.75    | 1.875  | 44     | 3.750 | 1082.0     |
| SPF6000-E       | 60   | 73.00 | 60.19 | 69.25    | 1.875  | 52     | 3.875 | 1312.0     |
| SPF6600-E       | 66   | 80.00 | 66.19 | 76.00    | 1.875  | 52     | 4.250 | 1735.0     |
| SPF7200-E       | 72   | 86.50 | 72.19 | 82.50    | 1.875  | 60     | 4.375 | 2004.0     |

### Notes:

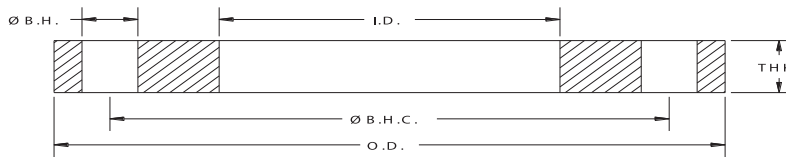
a. All Stainless Steel flanges available in Dual Grade 304/304L or 316/316L. Material conforms to the requirements of AWWA C228 specifications. Other material is available upon request.

b. Meets ASME/ANSI Class 150 bolt pattern.

c. For flanges in smaller sizes see page 4.3.

**Pressure Ratings: 275psi at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



## AWWA Class “SF” Stainless Steel-Ring Flanges [300 psi]

| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| SPF0400-F       | 4    | 10.00 | 4.57  | 7.88     | 0.875  | 8      | 1.130 | 18.4       |
| SPF0500-F       | 5    | 11.00 | 5.66  | 9.25     | 0.875  | 8      | 1.210 | 22.3       |
| SPF0600-F       | 6    | 12.50 | 6.72  | 10.62    | 0.875  | 12     | 1.310 | 29.7       |
| SPF0800-F       | 8    | 15.00 | 8.72  | 13.00    | 1.000  | 12     | 1.310 | 39.9       |
| SPF1000-F       | 10   | 17.50 | 10.88 | 15.25    | 1.125  | 16     | 1.500 | 56.0       |
| SPF1200-F       | 12   | 20.50 | 12.88 | 17.75    | 1.250  | 16     | 1.630 | 84.9       |
| SPF1400-F       | 14   | 23.00 | 14.19 | 20.25    | 1.250  | 20     | 1.940 | 127.0      |
| SPF1600-F       | 16   | 25.50 | 16.19 | 22.50    | 1.375  | 20     | 2.140 | 166.0      |
| SPF1800-F       | 18   | 28.00 | 18.19 | 24.75    | 1.375  | 24     | 2.250 | 205.0      |
| SPF2000-F       | 20   | 30.50 | 20.19 | 27.00    | 1.375  | 24     | 2.330 | 247.0      |
| SPF2200-F       | 22   | 33.00 | 22.19 | 29.25    | 1.375  | 24     | 2.500 | 307.0      |
| SPF2400-F       | 24   | 36.00 | 24.19 | 32.00    | 1.625  | 24     | 2.690 | 388.0      |
| SPF2600-F       | 26   | 38.25 | 26.25 | 34.50    | 1.875  | 28     | 3.000 | 450.0      |
| SPF2800-F       | 28   | 40.75 | 28.25 | 37.00    | 1.875  | 28     | 3.130 | 532.0      |
| SPF3000-F       | 30   | 43.00 | 30.25 | 39.25    | 1.875  | 28     | 3.150 | 585.0      |
| SPF3200-F       | 32   | 45.25 | 32.25 | 41.50    | 1.875  | 28     | 3.250 | 657.0      |
| SPF3400-F       | 34   | 47.50 | 34.25 | 43.50    | 1.875  | 28     | 3.380 | 740.0      |
| SPF3600-F       | 36   | 50.00 | 36.25 | 46.00    | 2.125  | 32     | 3.460 | 801.0      |
| SPF3800-F       | 38   | 52.25 | 38.25 | 48.00    | 2.125  | 32     | 3.500 | 873.0      |
| SPF4000-F       | 40   | 54.25 | 40.25 | 50.25    | 2.125  | 36     | 3.630 | 936.0      |
| SPF4200-F       | 42   | 57.00 | 42.25 | 52.75    | 2.125  | 36     | 3.810 | 1102.0     |
| SPF4400-F       | 44   | 59.25 | 44.25 | 55.00    | 2.125  | 36     | 4.000 | 1236.0     |
| SPF4600-F       | 46   | 61.50 | 46.25 | 57.25    | 2.125  | 40     | 4.130 | 1343.0     |
| SPF4800-F       | 48   | 65.00 | 48.25 | 60.75    | 2.125  | 40     | 4.500 | 1717.0     |

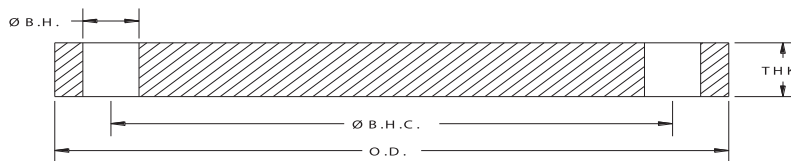
### Notes:

a. All Stainless Steel flanges available in Dual Grade 304/304L or 316/316L.  
Material conforms to the requirements of AWWA C228 specifications.  
Other material is available upon request.

b. Meets ASME/ANSI Class 300 bolt pattern.

**Pressure Ratings: 300 psi at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



## AWWA Class "SA" Stainless Steel Blind Flanges [50 psi]

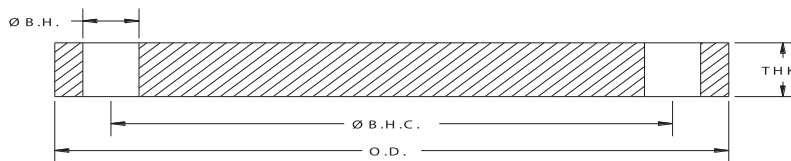
| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C | Ø B.H. | # B.H | THK   | Weight lbs |
|-----------------|------|-------|-------|---------|--------|-------|-------|------------|
| SPFBL0200-A     | 2    | 6.00  | BLIND | 4.75    | 0.750  | 4     | 0.500 | 4.0        |
| SPFBL0250-A     | 2.5  | 7.00  | BLIND | 5.50    | 0.750  | 4     | 0.500 | 5.5        |
| SPFBL0300-A     | 3    | 7.50  | BLIND | 6.00    | 0.750  | 4     | 0.500 | 6.2        |
| SPFBL0350-A     | 3.5  | 8.50  | BLIND | 7.00    | 0.750  | 8     | 0.500 | 7.5        |
| SPFBL0400-A     | 4    | 9.00  | BLIND | 7.50    | 0.750  | 8     | 0.500 | 9.1        |
| SPFBL0500-A     | 5    | 10.00 | BLIND | 8.50    | 0.875  | 8     | 0.500 | 11.0       |
| SPFBL0600-A     | 6    | 11.00 | BLIND | 9.50    | 0.875  | 8     | 0.500 | 14.3       |
| SPFBL0800-A     | 8    | 13.50 | BLIND | 11.75   | 0.875  | 8     | 0.500 | 20.0       |

### Notes:

- All Stainless Steel flanges available in Dual Grade 304/304L or 316/316L.  
Material conforms to the requirements of AWWA C228 specifications.  
Other material is available upon request.
- Meets ASME/ANSI Class 150 bolt pattern.
- For flanges larger than 8" see AWWA Class "B".

**Pressure Ratings: 50psi at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



## AWWA Class "SB" Stainless Steel Blind Flanges (86 psi)

| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| SPFBL0400-B     | 4    | 9.00  | BLIND | 7.50     | 0.750  | 8      | 0.625 | 11.0       |
| SPFBL0500-B     | 5    | 10.00 | BLIND | 8.50     | 0.875  | 8      | 0.625 | 13.0       |
| SPFBL0600-B     | 6    | 11.00 | BLIND | 9.50     | 0.875  | 8      | 0.688 | 18.0       |
| SPFBL0800-B     | 8    | 13.50 | BLIND | 11.75    | 0.875  | 8      | 0.688 | 27.0       |
| SPFBL1000-B     | 10   | 16.00 | BLIND | 14.25    | 1.000  | 12     | 0.688 | 38.0       |
| SPFBL1200-B     | 12   | 19.00 | BLIND | 17.00    | 1.000  | 12     | 0.719 | 56.0       |
| SPFBL1400-B     | 14   | 21.00 | BLIND | 18.75    | 1.125  | 12     | 0.791 | 75.0       |
| SPFBL1600-B     | 16   | 23.50 | BLIND | 21.25    | 1.125  | 16     | 0.892 | 105.0      |
| SPFBL1800-B     | 18   | 25.00 | BLIND | 22.75    | 1.250  | 16     | 0.950 | 126.0      |
| SPFBL2000-B     | 20   | 27.50 | BLIND | 25.00    | 1.250  | 20     | 1.040 | 167.0      |
| SPFBL2200-B     | 22   | 29.50 | BLIND | 27.25    | 1.375  | 20     | 1.132 | 209.0      |
| SPFBL2400-B     | 24   | 32.00 | BLIND | 29.50    | 1.375  | 20     | 1.216 | 267.0      |
| SPFBL2600-B     | 26   | 34.25 | BLIND | 31.75    | 1.375  | 24     | 1.307 | 327.0      |
| SPFBL2800-B     | 28   | 36.50 | BLIND | 34.00    | 1.375  | 28     | 1.398 | 397.0      |
| SPFBL3000-B     | 30   | 38.75 | BLIND | 36.00    | 1.375  | 28     | 1.477 | 475.0      |
| SPFBL3200-B     | 32   | 41.75 | BLIND | 38.50    | 1.625  | 28     | 1.581 | 586.0      |
| SPFBL3400-B     | 34   | 43.75 | BLIND | 40.50    | 1.625  | 32     | 1.661 | 675.0      |
| SPFBL3600-B     | 36   | 46.00 | BLIND | 42.75    | 1.625  | 32     | 1.751 | 790.0      |
| SPFBL3800-B     | 38   | 48.75 | BLIND | 45.25    | 1.625  | 32     | 1.853 | 944.0      |
| SPFBL4000-B     | 40   | 50.75 | BLIND | 47.25    | 1.625  | 36     | 1.933 | 1066.0     |
| SPFBL4200-B     | 42   | 53.00 | BLIND | 49.50    | 1.625  | 36     | 2.023 | 1220.0     |
| SPFBL4400-B     | 44   | 55.25 | BLIND | 51.75    | 1.625  | 40     | 2.114 | 1385.0     |
| SPFBL4600-B     | 46   | 57.25 | BLIND | 53.75    | 1.625  | 40     | 2.194 | 1547.0     |
| SPFBL4800-B     | 48   | 59.50 | BLIND | 56.00    | 1.625  | 44     | 2.285 | 1739.0     |
| SPFBL5000-B     | 50   | 61.75 | BLIND | 58.25    | 1.875  | 44     | 2.377 | 1934.0     |
| SPFBL5200-B     | 52   | 64.00 | BLIND | 60.50    | 1.875  | 44     | 2.468 | 2163.0     |
| SPFBL5400-B     | 54   | 66.25 | BLIND | 62.75    | 1.875  | 44     | 2.559 | 2408.0     |
| SPFBL6000-B     | 60   | 73.00 | BLIND | 69.25    | 1.875  | 52     | 2.820 | 3225.0     |
| SPFBL6600-B     | 66   | 80.00 | BLIND | 76.00    | 1.875  | 52     | 3.092 | 4272.0     |
| SPFBL7200-B     | 72   | 86.50 | BLIND | 82.50    | 1.875  | 60     | 3.353 | 5418.0     |

### Notes:

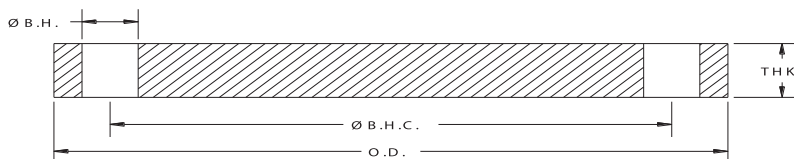
a. All Stainless Steel flanges available in Dual Grade 304/304L or 316/316L.  
Material conforms to the requirements of AWWA C228 specifications.  
Other material is available upon request.

b. Meets ASME/ANSI Class 150 bolt pattern.

c. AWWA recommends the use of Dish Assemblies for sizes above 48". Call API customer service for additional information.

**Pressure Ratings: 86psi at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



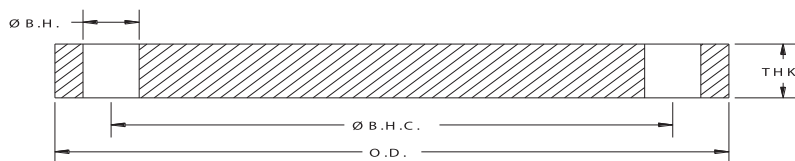
## AWWA Class “SD” Stainless Steel Blind Flanges - 1986 Spec's

| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| SPFBL0400-86    | 4    | 9.00  | BLIND | 7.50     | 0.750  | 8      | 0.625 | 11.0       |
| SPFBL0500-86    | 5    | 10.00 | BLIND | 8.50     | 0.875  | 8      | 0.625 | 13.0       |
| SPFBL0600-86    | 6    | 11.00 | BLIND | 9.50     | 0.875  | 8      | 0.688 | 18.0       |
| SPFBL0800-86    | 8    | 13.50 | BLIND | 11.75    | 0.875  | 8      | 0.688 | 27.0       |
| SPFBL1000-86    | 10   | 16.00 | BLIND | 14.25    | 1.000  | 12     | 0.688 | 38.0       |
| SPFBL1200-86    | 12   | 19.00 | BLIND | 17.00    | 1.000  | 12     | 0.813 | 64.0       |
| SPFBL1400-86    | 14   | 21.00 | BLIND | 18.75    | 1.125  | 12     | 0.938 | 88.0       |
| SPFBL1600-86    | 16   | 23.50 | BLIND | 21.25    | 1.125  | 16     | 1.000 | 118.0      |
| SPFBL1800-86    | 18   | 25.00 | BLIND | 22.75    | 1.250  | 16     | 1.063 | 141.0      |
| SPFBL2000-86    | 20   | 27.50 | BLIND | 25.00    | 1.250  | 20     | 1.125 | 181.0      |
| SPFBL2400-86    | 24   | 32.00 | BLIND | 29.50    | 1.375  | 20     | 1.250 | 273.0      |
| SPFBL3000-86    | 30   | 38.75 | BLIND | 36.00    | 1.375  | 28     | 1.375 | 436.0      |
| SPFBL3600-86    | 36   | 46.00 | BLIND | 42.75    | 1.625  | 32     | 1.625 | 735.0      |
| SPFBL4200-86    | 42   | 53.00 | BLIND | 49.50    | 1.625  | 36     | 1.750 | 1057.0     |
| SPFBL4800-86    | 48   | 59.50 | BLIND | 56.00    | 1.625  | 44     | 1.875 | 1428.0     |
| SPFBL6000-86    | 60   | 73.00 | BLIND | 69.25    | 1.875  | 52     | 2.250 | 2574.0     |

### Notes:

- All Stainless Steel flanges available in Dual Grade 304/304L or 316/316L. Material conforms to the requirements of AWWA C228 specifications. Other material is available upon request.
- Meets ASME/ANSI Class 150 bolt pattern.
- Manufactured to AWWA C207-1986 dimensional specifications.
- AWWA recommends the use of Dish Assemblies for sizes above 48". Call API customer service for additional information.

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



## AWWA Class “SD” Stainless Steel Blind Flanges [150-175 psi]

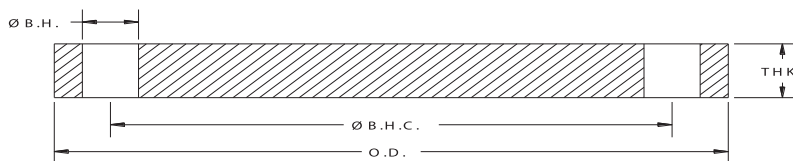
| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| SPFBL0400-D     | 4    | 9.00  | BLIND | 7.50     | 0.750  | 8      | 0.625 | 11.0       |
| SPFBL0500-D     | 5    | 10.00 | BLIND | 8.50     | 0.875  | 8      | 0.650 | 13.0       |
| SPFBL0600-D     | 6    | 11.00 | BLIND | 9.50     | 0.875  | 8      | 0.693 | 18.0       |
| SPFBL0800-D     | 8    | 13.50 | BLIND | 11.75    | 0.875  | 8      | 0.813 | 31.0       |
| SPFBL1000-D     | 10   | 16.00 | BLIND | 14.25    | 1.000  | 12     | 0.953 | 52.0       |
| SPFBL1200-D     | 12   | 19.00 | BLIND | 17.00    | 1.000  | 12     | 1.117 | 87.0       |
| SPFBL1400-D     | 14   | 21.00 | BLIND | 18.75    | 1.125  | 12     | 1.133 | 107.0      |
| SPFBL1600-D     | 16   | 23.50 | BLIND | 21.25    | 1.125  | 16     | 1.265 | 150.0      |
| SPFBL1800-D     | 18   | 25.00 | BLIND | 22.75    | 1.250  | 16     | 1.331 | 178.0      |
| SPFBL2000-D     | 20   | 27.50 | BLIND | 25.00    | 1.250  | 20     | 1.448 | 234.0      |
| SPFBL2200-D     | 22   | 29.50 | BLIND | 27.25    | 1.375  | 20     | 1.568 | 290.0      |
| SPFBL2400-D     | 24   | 32.00 | BLIND | 29.50    | 1.375  | 20     | 1.661 | 365.0      |
| SPFBL2600-D     | 26   | 34.25 | BLIND | 31.75    | 1.375  | 24     | 1.786 | 447.0      |
| SPFBL2800-D     | 28   | 36.50 | BLIND | 34.00    | 1.375  | 28     | 1.906 | 542.0      |
| SPFBL3000-D     | 30   | 38.75 | BLIND | 36.00    | 1.375  | 28     | 2.008 | 647.0      |
| SPFBL3200-D     | 32   | 41.75 | BLIND | 38.50    | 1.625  | 28     | 2.150 | 798.0      |
| SPFBL3400-D     | 34   | 43.75 | BLIND | 40.50    | 1.625  | 32     | 2.252 | 916.0      |
| SPFBL3600-D     | 36   | 46.00 | BLIND | 42.75    | 1.625  | 32     | 2.370 | 1071.0     |
| SPFBL3800-D     | 38   | 48.75 | BLIND | 45.25    | 1.625  | 32     | 2.506 | 1277.0     |
| SPFBL4000-D     | 40   | 50.75 | BLIND | 47.25    | 1.625  | 36     | 2.609 | 1439.0     |
| SPFBL4200-D     | 42   | 53.00 | BLIND | 49.50    | 1.625  | 36     | 2.729 | 1648.0     |
| SPFBL4400-D     | 44   | 55.25 | BLIND | 51.75    | 1.625  | 40     | 2.849 | 1867.0     |
| SPFBL4600-D     | 46   | 57.25 | BLIND | 53.75    | 1.625  | 40     | 2.952 | 2082.0     |
| SPFBL4800-D     | 48   | 59.50 | BLIND | 56.00    | 1.625  | 44     | 3.072 | 2340.0     |
| SPFBL5000-D     | 50   | 61.75 | BLIND | 58.25    | 1.875  | 44     | 3.196 | 2600.0     |
| SPFBL5200-D     | 52   | 64.00 | BLIND | 60.50    | 1.875  | 44     | 3.315 | 2906.0     |
| SPFBL5400-D     | 54   | 66.25 | BLIND | 62.75    | 1.875  | 44     | 3.435 | 3235.0     |
| SPFBL6000-D     | 60   | 73.00 | BLIND | 69.25    | 1.875  | 52     | 3.779 | 4328.0     |
| SPFBL6600-D     | 66   | 80.00 | BLIND | 76.00    | 1.875  | 52     | 4.136 | 5719.0     |

### Notes:

- All Stainless Steel flanges available in Dual Grade 304/304L or 316/316L. Material conforms to the requirements of AWWA C228 specifications. Other material is available upon request.
- Meets ASME/ANSI Class 150 bolt pattern.
- AWWA recommends the use of Dish Assemblies for sizes above 48". Call API customer service for additional information.

**Pressure Ratings: 175psi (4" – 12") and 150psi (14" and larger) at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**



## AWWA Class “SE” Stainless Steel Blind Flanges [275psi]

| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| SPFBL0400-E     | 4    | 9.00  | BLIND | 7.50     | 0.750  | 8      | 1.125 | 19.0       |
| SPFBL0500-E     | 5    | 10.00 | BLIND | 8.50     | 0.875  | 8      | 1.188 | 24.0       |
| SPFBL0600-E     | 6    | 11.00 | BLIND | 9.50     | 0.875  | 8      | 1.313 | 33.0       |
| SPFBL0800-E     | 8    | 13.50 | BLIND | 11.75    | 0.875  | 8      | 1.500 | 58.0       |
| SPFBL1000-E     | 10   | 16.00 | BLIND | 14.25    | 1.000  | 12     | 1.563 | 84.0       |
| SPFBL1200-E     | 12   | 19.00 | BLIND | 17.00    | 1.000  | 12     | 1.750 | 135.0      |
| SPFBL1400-E     | 14   | 21.00 | BLIND | 18.75    | 1.125  | 12     | 1.875 | 176.0      |
| SPFBL1600-E     | 16   | 23.50 | BLIND | 21.25    | 1.125  | 16     | 2.000 | 234.0      |
| SPFBL1800-E     | 18   | 25.00 | BLIND | 22.75    | 1.250  | 16     | 2.125 | 283.0      |
| SPFBL2000-E     | 20   | 27.50 | BLIND | 25.00    | 1.250  | 20     | 2.375 | 382.0      |
| SPFBL2200-E     | 22   | 29.50 | BLIND | 27.25    | 1.375  | 20     | 2.500 | 462.0      |
| SPFBL2400-E     | 24   | 32.00 | BLIND | 29.50    | 1.375  | 20     | 2.625 | 575.0      |
| SPFBL2600-E     | 26   | 34.25 | BLIND | 31.75    | 1.375  | 24     | 2.750 | 689.0      |
| SPFBL2800-E     | 28   | 36.50 | BLIND | 34.00    | 1.375  | 28     | 2.750 | 782.0      |
| SPFBL3000-E     | 30   | 38.75 | BLIND | 36.00    | 1.375  | 28     | 2.875 | 926.0      |
| SPFBL3200-E     | 32   | 41.75 | BLIND | 38.50    | 1.625  | 28     | 3.000 | 1113.0     |
| SPFBL3400-E     | 34   | 43.75 | BLIND | 40.50    | 1.625  | 32     | 3.050 | 1241.0     |
| SPFBL3600-E     | 36   | 46.00 | BLIND | 42.75    | 1.625  | 32     | 3.209 | 1450.0     |
| SPFBL3800-E     | 38   | 48.75 | BLIND | 45.25    | 1.625  | 32     | 3.394 | 1730.0     |
| SPFBL4000-E     | 40   | 50.75 | BLIND | 47.25    | 1.625  | 36     | 3.533 | 1949.0     |
| SPFBL4200-E     | 42   | 53.00 | BLIND | 49.50    | 1.625  | 36     | 3.695 | 2230.0     |
| SPFBL4400-E     | 44   | 55.25 | BLIND | 51.75    | 1.625  | 40     | 3.857 | 2528.0     |
| SPFBL4600-E     | 46   | 57.25 | BLIND | 53.75    | 1.625  | 40     | 3.997 | 2819.0     |
| SPFBL4800-E     | 48   | 59.50 | BLIND | 56.00    | 1.625  | 44     | 4.159 | 3167.0     |
| SPFBL5000-E     | 50   | 61.75 | BLIND | 58.25    | 1.875  | 44     | 4.327 | 3520.0     |
| SPFBL5200-E     | 52   | 64.00 | BLIND | 60.50    | 1.875  | 44     | 4.489 | 3935.0     |
| SPFBL5400-E     | 54   | 66.25 | BLIND | 62.75    | 1.875  | 44     | 4.651 | 4380.0     |
| SPFBL6000-E     | 60   | 73.00 | BLIND | 69.25    | 1.875  | 52     | 5.116 | 5855.0     |
| SPFBL6600-E     | 66   | 80.00 | BLIND | 76.00    | 1.875  | 52     | 5.601 | 7745.0     |
| SPFBL7200-E     | 72   | 86.50 | BLIND | 82.50    | 1.875  | 60     | 6.066 | 9810.0     |

### Notes:

a. All Stainless Steel flanges available in Dual Grade 304/304L or 316/316L. Material conforms to the requirements of AWWA C228 specifications. Other material is available upon request.

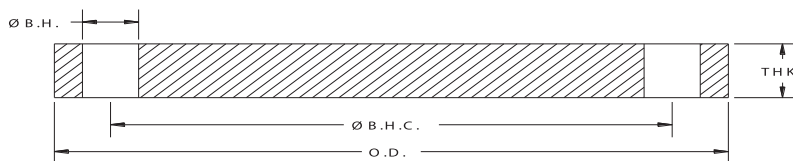
b. Meets ASME/ANSI Class 150 bolt pattern.

c. AWWA recommends the use of Dish Assemblies for sizes above 48". Call API customer service for additional information.

**Pressure Ratings: 275psi at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**





## AWWA Class “SF” Stainless Steel Blind Flanges [300 psi]

| API Part Number | Size | O.D.  | I.D.  | Ø B.H.C. | Ø B.H. | # B.H. | THK   | Weight Lbs |
|-----------------|------|-------|-------|----------|--------|--------|-------|------------|
| SPFBL0400-F     | 4    | 10.00 | BLIND | 7.88     | 0.875  | 8      | 1.130 | 23.0       |
| SPFBL0500-F     | 5    | 11.00 | BLIND | 9.25     | 0.875  | 8      | 1.210 | 31.0       |
| SPFBL0600-F     | 6    | 12.50 | BLIND | 10.62    | 0.875  | 12     | 1.310 | 43.0       |
| SPFBL0800-F     | 8    | 15.00 | BLIND | 13.00    | 1.000  | 12     | 1.310 | 62.0       |
| SPFBL1000-F     | 10   | 17.50 | BLIND | 15.25    | 1.125  | 16     | 1.500 | 96.0       |
| SPFBL1200-F     | 12   | 20.50 | BLIND | 17.75    | 1.250  | 16     | 1.630 | 143.0      |
| SPFBL1400-F     | 14   | 23.00 | BLIND | 20.25    | 1.250  | 20     | 1.940 | 214.0      |
| SPFBL1600-F     | 16   | 25.50 | BLIND | 22.50    | 1.375  | 20     | 2.140 | 291.0      |
| SPFBL1800-F     | 18   | 28.00 | BLIND | 24.75    | 1.375  | 24     | 2.250 | 369.0      |
| SPFBL2000-F     | 20   | 30.50 | BLIND | 27.00    | 1.375  | 24     | 2.330 | 458.0      |
| SPFBL2200-F     | 22   | 33.00 | BLIND | 29.25    | 1.375  | 24     | 2.500 | 580.0      |
| SPFBL2400-F     | 24   | 36.00 | BLIND | 32.00    | 1.625  | 24     | 2.690 | 737.0      |
| SPFBL2600-F     | 26   | 38.25 | BLIND | 34.50    | 1.875  | 28     | 3.000 | 910.0      |
| SPFBL2800-F     | 28   | 40.75 | BLIND | 37.00    | 1.875  | 28     | 3.130 | 1087.0     |
| SPFBL3000-F     | 30   | 43.00 | BLIND | 39.25    | 1.875  | 28     | 3.166 | 1232.0     |
| SPFBL3200-F     | 32   | 45.25 | BLIND | 41.50    | 1.875  | 28     | 3.332 | 1444.0     |
| SPFBL3400-F     | 34   | 47.50 | BLIND | 43.50    | 1.875  | 28     | 3.475 | 1667.0     |
| SPFBL3600-F     | 36   | 50.00 | BLIND | 46.00    | 2.125  | 32     | 3.671 | 1923.0     |
| SPFBL3800-F     | 38   | 52.25 | BLIND | 48.00    | 2.125  | 32     | 3.815 | 2193.0     |
| SPFBL4000-F     | 40   | 54.25 | BLIND | 50.25    | 2.125  | 36     | 3.982 | 2462.0     |
| SPFBL4200-F     | 42   | 57.00 | BLIND | 52.75    | 2.125  | 36     | 4.171 | 2863.0     |
| SPFBL4400-F     | 44   | 59.25 | BLIND | 55.00    | 2.125  | 36     | 4.338 | 3230.0     |
| SPFBL4600-F     | 46   | 61.50 | BLIND | 57.25    | 2.125  | 40     | 4.505 | 3608.0     |
| SPFBL4800-F     | 48   | 65.00 | BLIND | 60.75    | 2.125  | 40     | 4.781 | 4300.0     |

### Notes:

- All Stainless Steel flanges available in Dual Grade 304/304L or 316/316L. Material conforms to the requirements of AWWA C228 specifications. Other material is available upon request.
- Meets ASME/ANSI Class 300 bolt pattern.
- AWWA recommends the use of Dish Assemblies for sizes above 48". Call API customer service for additional information.

**Pressure Ratings: 300psi at atmospheric temperature.**

**ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.**