



DIMENSIONS (Inches)

| SIZE | A | B | C | D | E | F | G | V | W | X | AA | BB | CC | DD | EE | GG | HH | WT (lbs) | ACT. MODEL | TURNS TO OPEN |
|------|------|------|-------|----|------|-------|-------|---|---------------|-------|------|-------|-------|------|-------|-------|-------|----------|------------|---------------|
| 3 | 5.00 | 0.75 | 7.50 | 4 | 0.75 | 6.00 | 3.75 | - | - | 10.79 | 1.63 | 7.81 | 5.56 | 3.06 | 3.69 | 10.00 | 12.66 | 58 | 450 | 29 |
| 4 | 5.00 | 0.94 | 9.00 | 8 | 0.75 | 7.50 | 4.50 | - | - | 11.21 | 1.63 | 7.81 | 5.56 | 3.06 | 3.69 | 10.00 | 13.08 | 71 | 450 | 29 |
| 6 | 5.00 | 1.00 | 11.00 | 8 | 0.88 | 9.50 | 5.50 | - | - | 12.91 | 1.63 | 7.81 | 5.56 | 3.06 | 3.69 | 10.00 | 14.78 | 88 | 450 | 29 |
| 8 | 6.00 | 1.12 | 13.50 | 8 | 0.88 | 11.75 | 6.90 | - | - | 13.60 | 1.63 | 7.81 | 5.56 | 3.06 | 3.69 | 10.00 | 15.48 | 119 | 450 | 29 |
| 10 | 8.00 | 1.19 | 16.00 | 12 | 1.00 | 14.25 | 8.00 | - | - | 15.31 | 1.63 | 7.81 | 5.56 | 3.06 | 3.69 | 10.00 | 17.18 | 172 | 450 | 29 |
| 12 | 8.00 | 1.25 | 19.00 | 12 | 1.00 | 17.00 | 9.50 | - | - | 16.51 | 1.63 | 7.81 | 5.56 | 3.06 | 3.69 | 10.00 | 18.38 | 225 | 450 | 29 |
| 14 | 8.00 | 1.38 | 21.00 | 12 | 1.13 | 18.75 | 12.00 | - | - | 20.55 | 4.00 | 11.88 | 8.38 | 4.13 | 7.88 | 18.00 | 23.49 | 414 | 1250 | 48 |
| 16 | 8.00 | 1.44 | 23.50 | 16 | 1.13 | 21.25 | 13.00 | 4 | 1"-8 1.44 | 21.75 | 4.00 | 11.88 | 8.38 | 4.13 | 7.88 | 18.00 | 24.70 | 471 | 1250 | 48 |
| 18 | 8.00 | 1.56 | 25.00 | 12 | 1.25 | 22.75 | 14.20 | 4 | 1 1/8"-7 1.56 | 23.15 | 4.00 | 11.88 | 8.38 | 4.13 | 7.88 | 18.00 | 26.09 | 515 | 1250 | 48 |
| 20 | 8.00 | 1.69 | 27.50 | 16 | 1.25 | 25.00 | 15.40 | 4 | 1 1/8"-7 1.69 | 23.65 | 4.00 | 11.88 | 8.38 | 4.13 | 7.88 | 18.00 | 26.59 | 625 | 1250 | 48 |
| 24 | 8.00 | 1.87 | 32.00 | 16 | 1.38 | 29.50 | 16.50 | 4 | 1 1/4"-7 1.96 | 26.04 | 6.00 | 13.88 | 10.38 | 5.90 | 10.75 | 18.00 | 28.98 | 893 | 2200 | 72 |

NOTE:

1. FLANGES CONFORM TO ANSI B16.1 CLASS 125
2. COLD WORKING PRESSURE
150B - 150PSI, 250B - 250PSI
3. HYDROSTATIC TEST PRESSURE
150B - 300PSI, 250B - 500PSI

DESCRIPTION:

3"-24" AWWA 150B/250B - 125# FLG BFV w/
Plant Service TNA (Seat on Body - 4700)

DATE:

12/04/2025

DRAWING:

BF-DD0001-D



McWane Plant & Industrial
1201 Vanderbilt Road
Birmingham, AL 35234

