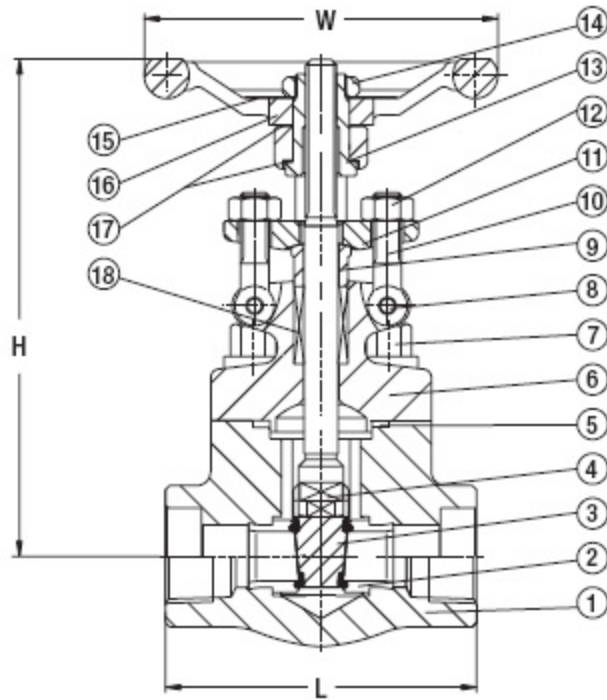


Forged Steel Gate Valve 800 lb

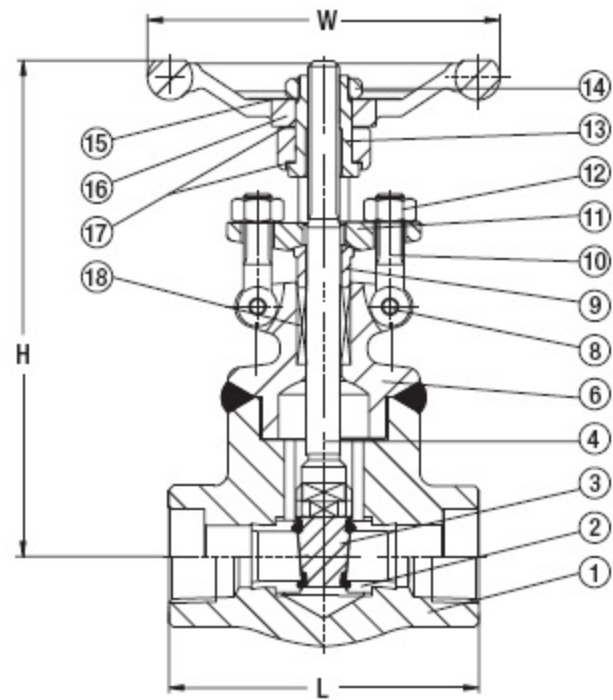
Bolted Bonnet



F80T (Conv. Port)
F87T (Full Port)

F80SW (Conv. Port)
F87SW (Full Port)

Welded Bonnet



F80T-WB (Conv. Port)
F87T-WB (Full Port)

F80SW-WB (Conv. Port)
F87SW-WB (Full Port)

Material Specifications

| NO. | Part Name | ASTM Type A105 | ASTM Type F22 | ASTM Type F304(L) | ASTM Type F316(L) |
|-----|----------------|--------------------------|--------------------------|-------------------|-------------------|
| 1 | Body | A105N | A182 F22 | A182 F304(L) | A182 F316(L) |
| 2 | Seat Ring | A276 420 | A276 304 | A276 304(L) | A276 316(L) |
| 3 | Wedge | A276 430 & 410 | A182 F304 | A182 F304(L) | A182 F316(L) |
| 4 | Stem | A182 F6 | A182 F304 | A182 F304(L) | A182 F316(L) |
| 5 | Gasket | Corrugated SS + Graphite | Corrugated SS + Graphite | SS+PTFE | SS+PTFE |
| 6 | Bonnet | A105 | A182 F22 | A182 F304(L) | A182 F316(L) |
| 7 | Bonnet Bolt | A193 B7 | A193 B16 | A193 B8 | A193 B8M |
| 8 | Pin | A276 420 | A276 420 | A182 F304 | A182 F304 |
| 9 | Gland | A276 410 | A276 410 | A182 F304(L) | A182 F316(L) |
| 10 | Gland Eyebolt | A193 B7 | A193 B16 | A193 B8 | A193 B8M |
| 11 | Gland Flange | A105 | A182 F11 | A182 F304(L) | A182 F316(L) |
| 12 | Gland Nut | A194 2H | A1944 | A1948 | A1948M |
| 13 | Yoke Nut | A276 420 | A276 420 | A276 420 | A276 420 |
| 14 | H.W. Lock Nut | A194 2H | A1944 | A1948 | A1948M |
| 15 | Nameplate | SS | SS | SS | SS |
| 16 | Handwheel | A197 | A197 | A197 | A197 |
| 17 | Bearing Gasket | A473 431 | A473 431 | A473 431 | A473 431 |
| 18 | Stem Packing | Flexible Graphite | Flexible Graphite | PTFE | PTFE |

Note: Other materials are available upon request.

Dimensions (in) and Weights (lb)

| NPS | Conv. | 3/8 | 1/2 | 3/4 | 1 | 1-1/4 | 1-1/2 | 2 | |
|----------|--------|------|------|------|------|-------|-------|-------|-------|
| | Full | 3/8 | 1/2 | 1/2 | 3/4 | 1 | 1-1/4 | 1-1/2 | 2 |
| L | | 3.11 | 3.11 | 3.62 | 4.37 | 4.72 | 4.72 | 5.51 | 7.01 |
| H (OPEN) | | 6.22 | 6.22 | 6.65 | 7.76 | 9.29 | 9.69 | 11.14 | 12.99 |
| W | | 3.94 | 3.94 | 3.94 | 4.92 | 6.30 | 6.30 | 7.09 | 7.87 |
| Weights | Bolted | 4.63 | 4.41 | 5.07 | 9.48 | 13.01 | 15.21 | 24.48 | 33.52 |
| | Welded | 3.97 | 3.75 | 4.41 | 8.38 | 11.25 | 13.45 | 22.49 | 31.31 |