

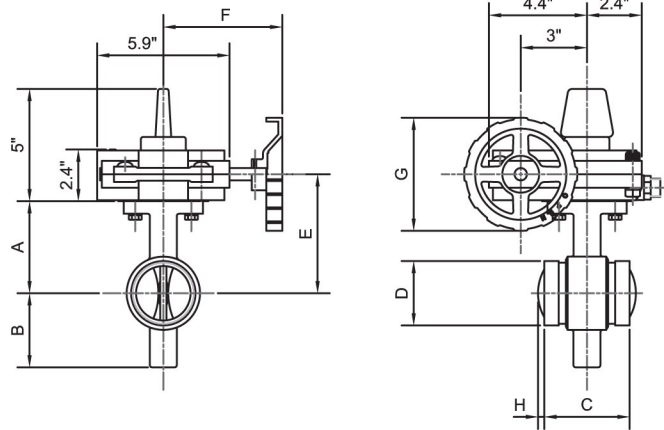
# 175 PSI Butterfly Valve | Grooved

## Technical Features

- **Connections:** Grooved Ends (AWWA C606)
- **Sizes:** 2-1/2", 3", 4", 6", 8"
- **Approvals:** UL, ULC, FM, and California State Fire Marshal
- **Maximum Working Pressure:** 175PSI (Max. Test Pressure: 350PSI)
- **Maximum Working Temperature:** 250°F (120°C)
- **Application:** Indoor and Outdoor Use
- **Factory-Installed Supervisory Tamper Switch Assembly**
- **Also Available with Supervised Closed Switches. (DG1C)**



| Component      | Material        | Specification               |
|----------------|-----------------|-----------------------------|
| Body           | Ductile Iron    | ASTM A536 Nylon-11 Coated   |
| Disc           | Ductile Iron    | ASTM A536 EPDM Encapsulated |
| Indicator      | Ductile Iron    | ASTM A536                   |
| Housing        | Ductile Iron    | ASTM A536                   |
| Handwheel      | Ductile Iron    | ASTM A536                   |
| Stem           | Stainless Steel | AISI 420                    |
| Worm Shaft     | Stainless Steel | AISI 410                    |
| Shear Pin      | Steel           | ASTM A510                   |
| Gear Segment   | Brass           | ASTM B584                   |
| Housing Gasket | EPDM            | EPDM Grade E                |
| O-Ring (All)   | EPDM            | EPDM Grade E                |



## Dimensions:

| Size   | A   |       | B   |       | C   |       | D   |       | E   |       | F   |       | G   |       | H   |      | Weight<br>lbs |
|--------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|------|---------------|
|        | in  | mm    | in  | mm    | in  | mm    | in  | mm    | in  | mm    | in  | mm    | in  | mm    | in  | mm   |               |
| 2-1/2" | 4.1 | 105.0 | 3.6 | 92.0  | 3.8 | 96.4  | 2.9 | 73.0  | 5.3 | 135.0 | 5.3 | 135.0 | 5.0 | 128.0 |     |      | 20.0          |
| 3"     | 4.4 | 112.0 | 3.7 | 95.0  | 3.8 | 96.4  | 3.5 | 88.9  | 5.6 | 142.0 | 5.3 | 135.0 | 5.0 | 128.0 |     |      | 21.0          |
| 4"     | 5.7 | 145.0 | 4.3 | 108.0 | 4.5 | 115.4 | 4.5 | 114.3 | 6.9 | 175.0 | 5.3 | 135.0 | 5.0 | 128.0 |     |      | 26.0          |
| 6"     | 7.0 | 179.0 | 5.7 | 146.0 | 5.2 | 132.4 | 6.6 | 168.0 | 8.2 | 209.0 | 7.6 | 193.0 | 8.7 | 220.0 | 0.3 | 6.8  | 39.0          |
| 8"     | 8.0 | 204.0 | 6.7 | 170.0 | 5.8 | 147.4 | 8.6 | 219.1 | 9.2 | 234.0 | 7.6 | 193.0 | 8.7 | 220.0 | 1.0 | 24.2 | 51.0          |