

Butterfly Valve

Model: GD-381L

Butterfly Valve with Lever - Grooved End

Technical Features

- Conforms: ANSI / AWWA C606 or Metric Standard Clear Waterway design
- Connection: Grooved End
- Sizes: 2", 2½", 3", 4", 5", 6", 8"
- Maximum Working Pressure: 300 PSI (Maximum Testing Pressure: 600 PSI) conforms to UL1091 & ULC / ORD-C1091 & FM 1112
- Maximum Working Temperature: 80°C / 176°F
- Application: Indoor & Outdoor Use, Fire inflow water, drain pipe, high-rising building fire fighting system, industrial factory building fire protection system
- Coating Details: Epoxy coated interior and exterior by Electrostatic Spray or coating upon request
- Disc: Ductile Iron EPDM Rubber Encapsulated
- Top Flange Standard: ISO 5211
- Certified lead-free by NSF/ANSI 61 & NSF/ANSI 372 is available



Valve Material List

| NO. | Name | Material |
|-----|-------------------------|---------------------|
| 1 | Upper Shaft Sealing Nut | WCB |
| 2 | Shaft Seal | EPDM |
| 3 | Body | Ductile Iron |
| 4 | Upper Shaft | 416 Stainless Steel |
| 5 | Disc+Rubber Seat | Ductile Iron+EPDM |
| 6 | Lower Shaft | 416 Stainless Steel |
| 7 | Lower Shaft Sealing Nut | WCB |
| 8 | Stem Bushing | PTFE / C95400 |
| 9 | O-ring | EPDM |
| 10 | Lever | Malleable Iron |

Dimensions

| Size | A | B | C | D | E | F | G | H | K | P | M | N | d | L |
|------|-----|-----|----|----------------|----------------|------|------|----|-----|-----|-----|----|----|--------------|
| 2" | 110 | 85 | 32 | 60.3 | 57.2 | 15.9 | 7.9 | 32 | 267 | 90 | 70 | 9 | 10 | 81 88 |
| 2½" | 125 | 95 | 32 | 73 76.1 | 69.1 72.3 | 15.9 | 7.9 | 32 | 267 | 90 | 70 | 9 | 10 | 96.4 |
| 3" | 140 | 100 | 32 | 88.9 | 84.9 | 15.9 | 7.9 | 32 | 267 | 90 | 70 | 9 | 11 | 97 |
| 4" | 160 | 100 | 32 | 114.3 | 110.1 | 15.9 | 9.5 | 32 | 267 | 90 | 70 | 9 | 14 | 115.1 |
| 5" | 170 | 125 | 32 | 139.7 141.3 | 135.5 137 | 15.9 | 9.5 | 32 | 267 | 90 | 70 | 9 | 14 | 132.4 148 |
| 6" | 190 | 140 | 32 | 165.1 168.3 | 160.9 164 | 15.9 | 9.5 | 32 | 267 | 90 | 70 | 9 | 16 | 132.4 148 |
| 8" | 230 | 175 | 37 | 216.3 219.1 | 211.6 214.4 | 19 | 11.1 | 37 | 353 | 125 | 102 | 12 | 19 | 147.4 133 |

