



## BUTTERFLY VALVES

### Wafer / Lug Butterfly Valve



#### Wafer / Lug

##### Model ABV-W250 / L250

**Size** : 2", 2 1/2", 3", 4", 5", 6", 8", 10", 12"  
**Working Pressure** : 17.2 bar (250psi)  
**Max. Test Pressure** : 34.4 bar (500psi)  
**Working Temperature** : 0-80°C (32-176°F)

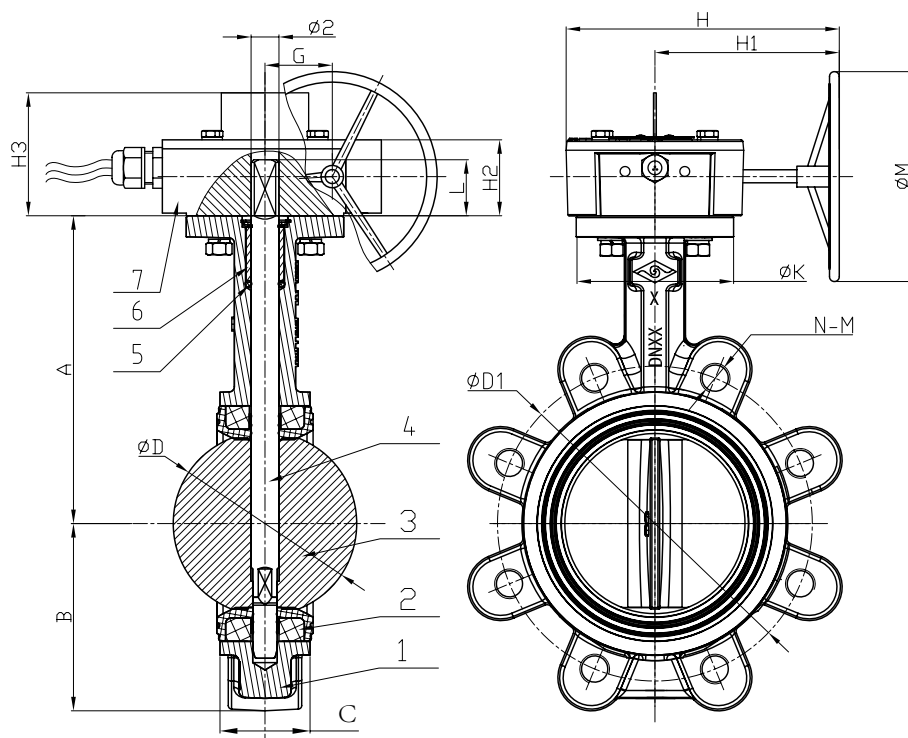
##### Model ABV- W300 / L300

**Size** : 2", 2 1/2", 3", 4", 5", 6", 8"  
**Working Pressure** : 20.6 bar (300psi)  
**Max. Test Pressure** : 41.2 bar (600psi)  
**Working Temperature** : 0-80°C (32-176°F)

UL Listed for indoor and outdoor service.

#### Material List

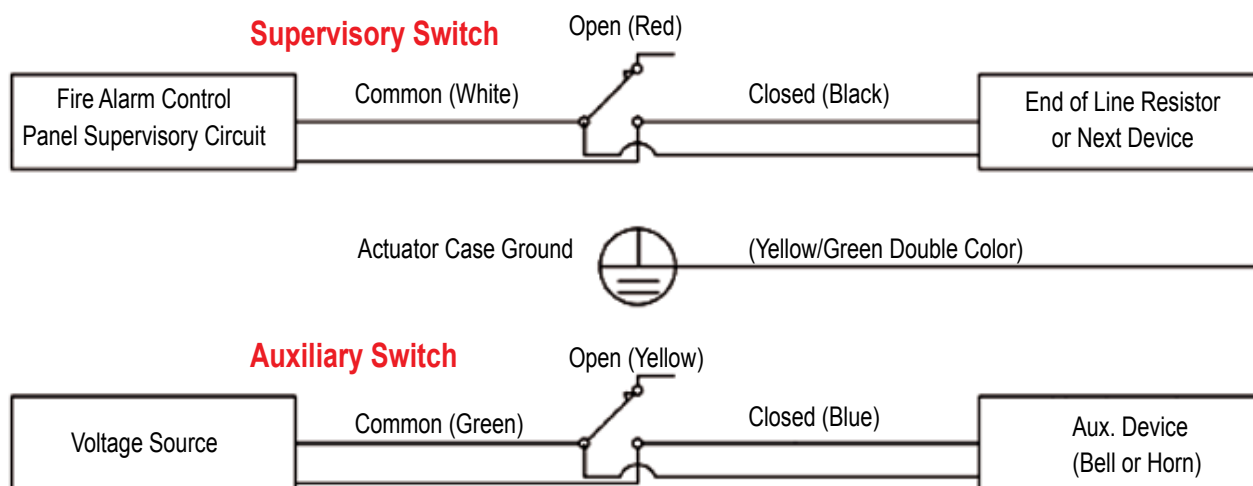
| No | Part            | Material        | ASTM Specification  |
|----|-----------------|-----------------|---------------------|
| 1  | Body            | Ductile Iron    | ASTM A536, 65-45-12 |
| 2  | Seat            | EPDM            | Commercial          |
| 3  | Disc            | Ductile Iron    | ASTM A536, 65-45-12 |
| 4  | Stem            | Stainless Steel | AISI 420            |
| 5  | O-Ring          | NBR             | Commercial          |
| 6  | Bushing         | PTFE            | Commercial          |
| 7  | Signal Gear Box | Ductile Iron    | ASTM A536, 65-45-12 |





## BUTTERFLY VALVES

### Wiring Diagram



### Dimensions - Weights

| SIZE |     | DIMENSIONS (mm) |      |    |        |     |     |     |     |
|------|-----|-----------------|------|----|--------|-----|-----|-----|-----|
|      |     | A               | B    | C  | N-M    | ØD1 | M   | H   | H1  |
| 2"   | 50  | 140.5           | 64.5 | 43 | 4-M16  | 125 | 150 | 208 | 151 |
| 2.5" | 65  | 153             | 72   | 46 | 4-M16  | 145 | 150 | 208 | 151 |
| 3"   | 80  | 157.5           | 86   | 46 | 8-M16  | 160 | 150 | 208 | 151 |
| 4"   | 100 | 176             | 100  | 52 | 8-M16  | 180 | 150 | 208 | 151 |
| 5"   | 125 | 191             | 112  | 56 | 8-M16  | 210 | 150 | 208 | 151 |
| 6"   | 150 | 202.5           | 128  | 56 | 8-M20  | 240 | 150 | 208 | 151 |
| 8"   | 200 | 243.5           | 162  | 60 | 12-M20 | 295 | 200 | 298 | 223 |
| 10"  | 250 | 273             | 194  | 68 | 12-M24 | 355 | 200 | 298 | 223 |
| 12"  | 300 | 311             | 223  | 78 | 12-M24 | 410 | 250 | 299 | 224 |

| SIZE |     | DIMENSIONS (mm) |     |     |    |       |    |    |          | WEIGHTS (kg) |
|------|-----|-----------------|-----|-----|----|-------|----|----|----------|--------------|
|      |     | H2              | H3  | K   | G  | ØD    | Ø2 | L  | ISO 5211 |              |
| 2"   | 50  | 65              | 108 | 90  | 59 | 53.9  | 14 | 32 | F07      | 8,22         |
| 2.5" | 65  | 65              | 108 | 90  | 59 | 65.2  | 14 | 32 | F07      | 8,99         |
| 3"   | 80  | 65              | 108 | 90  | 59 | 79.7  | 14 | 32 | F07      | 10,32        |
| 4"   | 100 | 65              | 108 | 90  | 59 | 105   | 16 | 32 | F07      | 11,81        |
| 5"   | 125 | 65              | 108 | 90  | 59 | 129.8 | 16 | 32 | F07      | 13,75        |
| 6"   | 150 | 65              | 108 | 90  | 59 | 155.8 | 20 | 32 | F07      | 14,98        |
| 8"   | 200 | 77              | 121 | 125 | 75 | 207   | 26 | 45 | F10      | 29,71        |
| 10"  | 250 | 77              | 121 | 125 | 75 | 253.3 | 26 | 45 | F10      | 38,45        |
| 12"  | 300 | 77              | 121 | 125 | 75 | 301.9 | 28 | 45 | F10      | 52,68        |