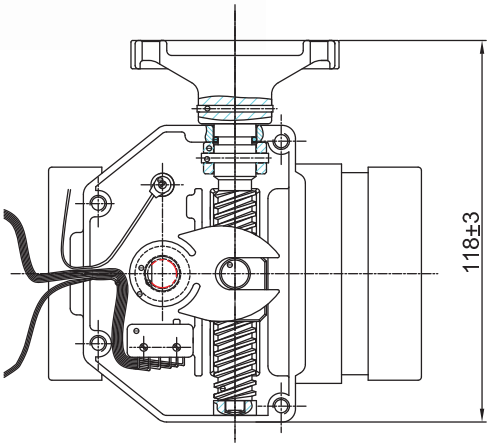
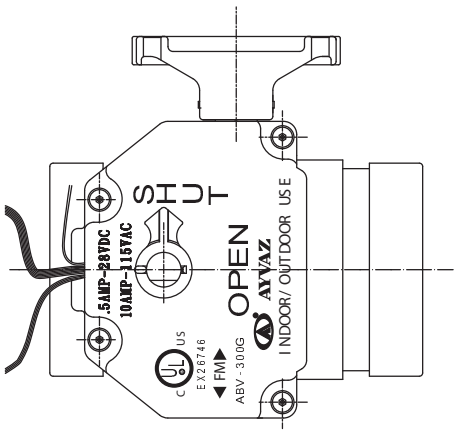
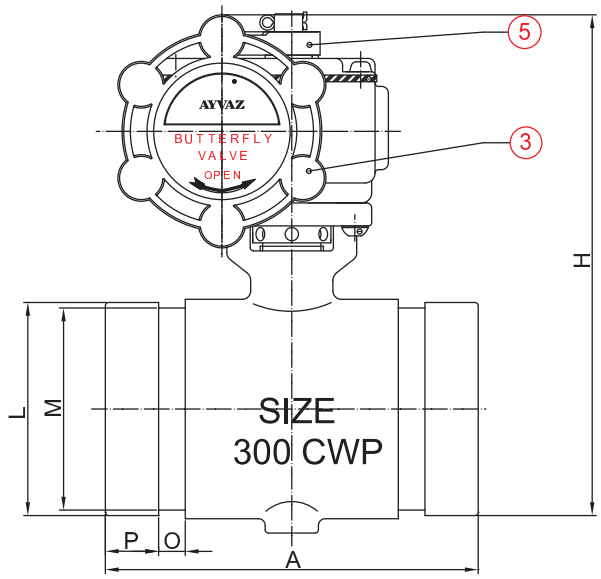
# Bronze Grooved Butterfly Valve / Model ABV-300G

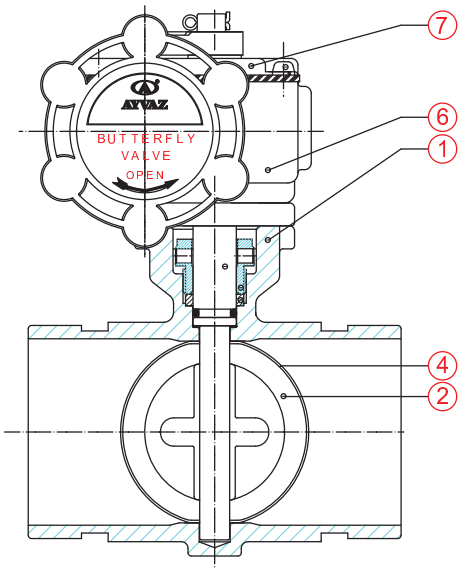
| | |
|---|---|
| **Size** | : 1 1/4" - 2 1/2" |
| **Working Pressure** | : 20.7 bar (300psi) |
| **Max. Test Pressure** | : 41.2 bar (600psi) |
| **Working Temperature** | : 0-80°C (32-176°F) |

FM Approved & UL Listed for indoor and outdoor service.



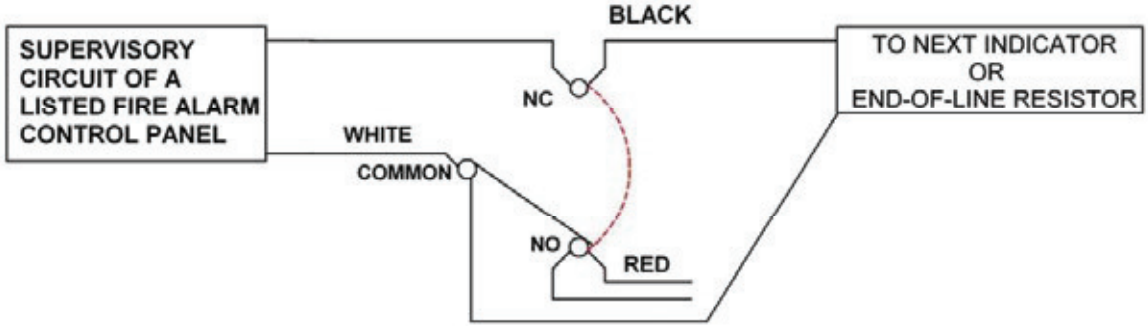
| MATERIAL LIST | | |
|---|---|---|
| NO. | PART | MATERIAL |
| 1 | BODY | BRONZE ASTM 584 C83600 |
| 2 | DISC | SS304 SHEET STAMPING |
| 3 | HANDWHEEL | ASTM A216 WCB/ DUCTILE IRON ASTM A536 |
| 4 | SEAT | ASTM D2000 VITON |
| 5 | INDICATOR | POWDER METAL FD0205 95HT |
| 6 | HOUSING | FORGED BRASS JIS C3771 (REF. ASTM C37700) |
| 7 | COVER | FORGED BRASS JIS C3771 (REF. ASTM C37700) |

| DIMENSIONS (mm) | | | | |
|---|---|---|---|---|
| SIZE | 1-1/4" | 1-1/2" | 2" | 2-1/2" |
| A | 98 | 102 | 104 | 114 |
| H | 132.2 | 138.9 | 154.2 | 167.2 |
| P | 15.88 | 15.88 | 15.88 | 15.88 |
| O | 7.95 | 7.95 | 7.95 | 7.95 |
| M | 38.99 | 45.09 | 57.15 | 69.09 |
| L | 42.4 | 48.3 | 60.3 | 73 |
| Weight (Kg) | 1,8 | 1,9 | 2,2 | 2,8 |

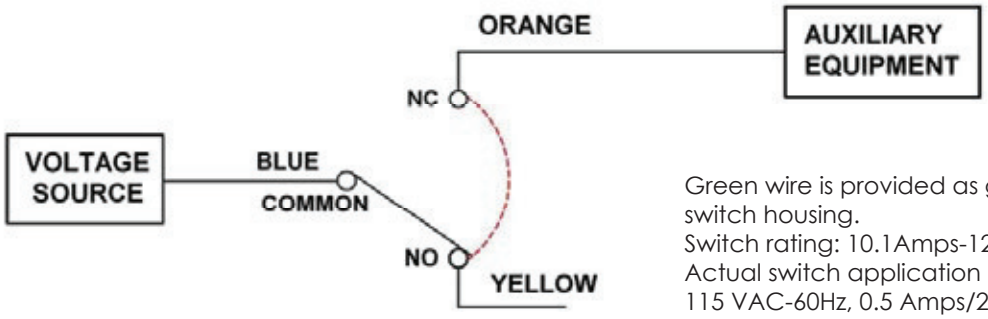
Grooved ends to AWWA C606 for steel pipe.

## WIRING DIAGRAM
## SWITCH SHOWN POSITION WITH VALVE IN FULL OPEN

### SWITCH 1 : DUAL LEADS SOLDERED TO SWITCH TABS




### SWITCH 2 : SINGLE LEADS SOLDERED TO SWITCH TABS




Green wire is provided as ground for the switch housing.
Switch rating: 10.1Amps-125/250VAC-60Hz
Actual switch application rating: 10 Amps/ 115 VAC-60Hz, 0.5 Amps/28 VDC