

BVG-001

BUTTERFLY VALVE OPERATIONS MANUAL

1. MODEL:

Grooved butterfly valve: GD381X:

1. Norminal pressure: 300PSI
2. Size: 2.5", 3", 4", 5", 6", 8", 10", 12"

C. OPERATION:

- 1) Using signal gear box to operate.
- 2) Direction: Clockwise rotation is closing, counter-clockwise rotation is opening.

2. PIPE INSTALATION:

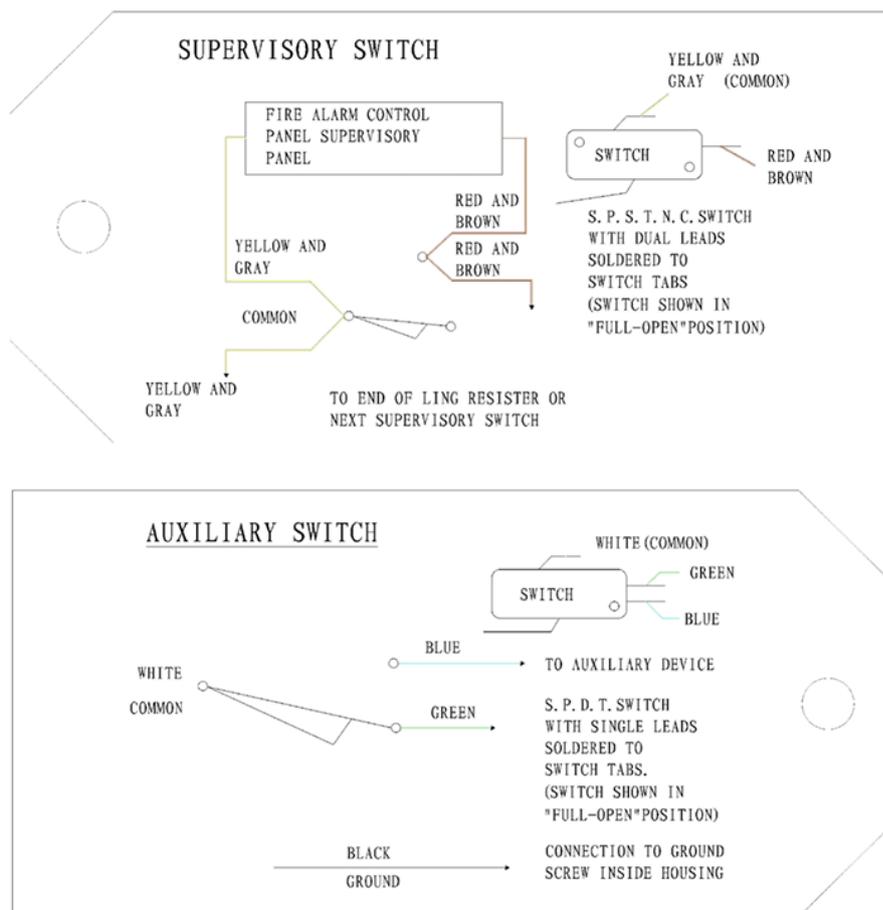
Grooved butterfly valve: Conforms to ANSI/AWWA C606-06 standard pipe.

3. SIGNAL GEAR BOX

A: Signal switch applies to indoor and outdoor.

B: Signal switch electric rating value: Alternating current 125V/250V 60Hz.

C: Signal switch wiring diagram as following:



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4 INSTALLATION INSTRUCTIONS

A. Preparation before Installation

1. Before installation, should check if the specifications, connection, material, rated pressure, rated power supply of the butterfly valve correspond to the operating environment.
2. Before installation, clean out the sand dust, foreign body, and chips inside the valve and the pipeline, so as not to cause bad or leak.
3. Before installation, the associated piping shall suspending fixed appropriately in accordance with the rules, to avoid improper stress after installation of valve.
4. Piping between two flanges or groove surface must be parallel and concentric.
5. Close the butterfly valve disc to where will not highlight the body flange or grooved surface (the same as before).
- 6 Installation
Grooved butterfly valve needs prepare clamp and sealing ring.
7. The junction of butterfly valve with check valve or pump, use expansion joint between the two valves, so disc can turn open and close smoothly.
- 8 The handwheel and gearbox connect,the connecting pin must be totally in pin hole.

B Installation steps

1. Set auxiliary screw at proper place, to regulate distance between two flanges or groove faces.
2. For grooved butterfly valve, firstly set the sealing ring on pipeline or valve 2groove end, align groove end, move sealing ring to joint of valve and pipeline, install hoop, tighten hoop bolts, make sure valve center and flange center are concentric and disc switch position are not blocked by flange inner diameter or near parts,
3. After finishing installation, once again make sure full open and full open angle