



# **SERIES 600/900 BUTTERFLY VALVE IOM**

## **BUTTERFLY VALVE INSTALLATION, OPERATION AND MAINTENANCE**

### *Installation Instructions*

Jomar Series 600/900 Butterfly valves are of cartridge type seat design. They are designed for bi-directional dead end service for installation between 125# or 150# ANSI flanges. Gaskets are not required as the seat face itself serves as the sealing surface.

Before installation, close the valve firmly. Slide the valve between the mating flanges and hand tighten the bolts to a point where the valve is held firmly in place. Slowly rotate the handle to be sure that the disk swings freely.\*

After performing the above step, leave the valve in the open position and tighten the flange bolts. After completion of tightening the bolts, once again rotate the handle to ensure full range operation.

Jomar 600 Series Lug type butterfly valves are designed for bubble tight dead-end service and must be installed with the inlet tag facing upstream.

\* Refer to product sheet for proper bolt sizes.

### *Maintenance*

No standard lubrication or maintenance is required. However, periodic rotation of the valve throughout its full range is recommended.

### Valve Disassembly

- 1) After carefully following all safety precautions, remove the valve from the piping system
- 2) Remove the handle or gear operator
- 3) Remove retaining pins from the Upper and Lower stems
- 4) Remove upper stem by firmly pulling upwards
- 5) Remove lower stem by firmly pulling downwards
- 6) Carefully remove the disc from the seat taking care not to damage either part.
- 7) Remove the seat by pressing the seat outward toward the inlet side of the valve
- 8) Carefully inspect all component parts and replace if necessary.

### Valve Assembly

Jomar butterfly valves are dry assembled, no silicone is used during the manufacturing process.

- 1) Clean all reusable parts
- 2) Apply soapy water solution on any lubricant compatible with seat material
- 3) Press seat into valve body, be sure that pressure is applied equally around the seat
- 4) Insert the disc into the seat cavity. Be sure the disc is installed correctly with broached end on top.
- 5) Apply any general purpose lubricant to the upper and lower stem.
- 6) Install the stems
- 7) Install retaining pins by tapping them in place
- 8) Install handle, gear operator or actuator
- 9) Open and close valve, check visually for proper assembly.

