Installation Operation and Maintenance Metal Seated Ball Valves

POWER VALVE (STV)

INSTALLATION

1. Unpack valves and remove any protective coverings used in shipping.

2. Inspect valves for any damage that may have occurred during shipment.

3. Valve should be placed in a vise and cycled to check operation.

4. If valve is actuated, test actuation. Use no more than 100 PSI air on pneumatic actuators. Use proper voltage for electric actuators.

5. Do not remove actuators from valve as the stops have been set at the factory. Removing actuators may void warranty.

6. Valves must be installed in proper flow direction. Flow arrow indicates flow. Short end of valve is up stream.

WELDING AND STRESS RELIEVING

1. DO NOT GROUND ACROSS VALVE. This may cause arcing between seats and ball damaging the coated surface.

2. Follow proper welding procedures for material grade of valves and piping.

3. When stress relieving, wrap only the welded portion of the valve. DO NOT WRAP ENTIRE VALVE.

OPERATION

1. Valves require no lubrication.

2. Packing bolts should be tightened ¼ turn after first elevated pressure and temperature.

3. Use of anti-seize lubricant is recommended.

4. Key way points down stream in when valve is in the open position.

5. Handle adapter has built in stops to assure proper position.

6. Contact factory if disassembly of valve and actuator is required.

7. Do not remove any bolting while valve is in use.
POWER GENERATION VALVES

- UNI-BODY DESIGN
- BLOWOUT PROOF STEM
- A105, F22, F91
- LOCKING LEVER HANDLE
- MAINTENACE FREE
- ISO MOUNTING FLANGE
- COUPLERS AND MOUNTING BRACKETS FOR ANY ACTUATOR AVAILABLE
- EXTERNAL OPEN CLOSED INDICATORS
- EXTENDED END CONNECTS FOR STRESS RELIEF
### POWER GENERATION VALVE

1/2 THROUGH 2-1/2 INCH 1500, 3200, 4500 # LIMITED CLASS

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All values in psig and Deg F. Pressure in PSIG.

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