



## **8400 SERIES 2 PIECE THREADED END BALL VALVE INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS**

### **INSTALLATION**

- 1) Thoroughly clean and prepare the piping system before valve installation.
- 2) Remove the valve end caps if present, and inspect the valve ports and seating surfaces for cleanliness just prior to installation.
- 3) Support the valve to prevent unnecessary stresses induced by connecting pipe.
- 4) Be sure the rating of the valve is compatible with the intended service conditions.
- 5) Operate the valve from the full open to closed position.
- 6) PTFE thread sealant is recommended when making up connections. Consult the sealant manufacturer's instructions for proper use. Install on pipe and not the valve.
- 7) Care should be used to not overtighten the valve onto the pipe, as it is possible to distort the internal parts of the valve.
- 8) Verify the tightness of the packing nut after installation.

### **OPERATION**

- 1) Ball valves are designed to be bi-directional in flow. Valve can be locked out in any of the 2 positions, open and closed of flow. Flow direction is shown by the direction of handle.

### **INSPECTION & MAINTENANCE**

- 1) Periodic inspection and preventative maintenance is not required other than adjustment of stem packing, and cycling of the valve from open to closed position.
- 2) If a valve develops a packing leak, adjust the packing nut to increase the pressure on the stem packing. The packing nut should be turned in a clockwise direction approximately 1/4 turn, or until the leakage stops. **It is not recommended that valves be repacked while under pressure. Remove system pressure before starting.**
- 3) Repair or replacement of two piece ball valves internal parts is not recommended. Damage can occur to the body and tailpiece during disassembly that would make the valve inoperable.

### **REPAIR PARTS**

Under normal conditions, repair parts are not required.