



MILWAUKEE VALVE

20/22 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.

Rev. 1

