EMERSON™

KEYSTONE

Before installation, these instructions must be fully read and understood

Hazard potentials
- disregarding of instructions
- improper use of product
- insufficiently qualified personnel

Ensure that valve materials are compatible with the pipeline fluid.

Valve application to be within the pressure/ temperature limits indicated in the P/T diagram of the Product Manual.

If in doubt contact factory.

Check the valve's functionality on a regular basis.

For end-of-line service, please check the details in the Maintenance & Installation Instructions, available via phone number: +41 (0) 55 254 41 41 or our website: www.valves.emerson.com

Precautions

WARNING!

For safety reasons, it is important to take the following precautions before you start work on the valve:
1. Personnel making any adjustments to the valves should utilize suitable equipment. All required personal protection means should be worn.
2. Caution must be taken during installation and full responsibility lies with those responsible for the complete installation. In any case, the local safety regulations must be respected.
3. The line must be depressurized before installing the valve. In case of dangerous pipeline fluids, the pipeline should be drained and flushed properly with an appropriate cleaning fluid.
4. Only personnel trained in all aspects of manual and mechanical handling techniques must carry out handling of all valves.
5. Misuse of the valve is not allowed. For example: the valve, handles, actuators or other parts may not be used as 'climbing tools'.
6. Pressure and temperature ratings of the valve must be adhered to and need to be checked with the system specifications. See the Maintenance & Installation Instructions for Pressure/ Temperature diagrams.
7. Ensure that valve materials are compatible with the pipeline fluid.
8. Detailed information for installation and maintenance is available.

Installation

1. Handling and lifting should be performed according the Maintenance & Installation Instructions.
2. For detailed installation instructions refer to the Maintenance & Installation Instructions for the specific product.
3. Preferred installation position of butterfly valves is the shaft horizontal and the lower disc-edge opening downstream.
4. Do not use the valve to spread the flanges.
5. In case the valve is used as spool piece during erection of piping, do not finish weld the flanges to the pipes with the valve bolted between the flanges as this will result in serious heat-damage to the seat.
6. Valve operation should be checked for open - close positions.
7. The disc should have enough clearance from the pipeline in all positions.

Maintenance

!! Read all warning labels fitted to the valve before operation or maintenance !!

- Check the valve's functionality on a regular basis.
- No additional routine maintenance is required.

Repair

WARNING!

The line must be depressurized before carrying out any repairs to the valve. In case of dangerous pipeline fluids, the pipeline should be drained and flushed with an appropriate cleaning fluid. Failure to do so may cause serious personal injury and/or equipment damage. Before disassembling the valve ensure the valve has been decontaminated correctly from any harmful gasses or liquids and that it is within a safe temperature range for handling. Personnel making any adjustments to the valves should utilize suitable equipment. All required personal protection means should be worn. Only qualified personnel trained in all aspects of manual and mechanical handling techniques must carry out lifting and handling of valves.

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