



Double Block and Bleed Valves

Installation, Operation & Maintenance of B-B Valves

1.- USE

Our process interface valves enables you to reduce drastically space and weight in the process of installations. It reduces the possibility of leaks and the maintenance. Their distribution diagram consist of two ball valves to block the line and one needle valve to bleed in 90° outflow.

CAUTION: Ball Valves must be lifted in such a way that the body holds the whole weight. Don't lift the valve by the handle or actuator.

2.- INSTALLATION

2.1.- THREADED B-B VALVE INSTALLATION



- Install valve in the open position.
- Pipe connections should be free of dirt and metal shavings.
- Several wraps of PTFE tape is recommended for use of pipe joint sealant.

2.2.- FLANGED B-B VALVE INSTALLATION



- Install valve in the open position.
- Make sure flange's norm coincides. Pipe and valve must be perfectly aligned and have a good support to avoid tension in the junction.
- Use joints between flanges appropriate to the service and center it conveniently.
- Tighten gradually the screws, crossed, moderate and constant.
- Don't force the union of the flanges with the screws when space exists among them.

3.- OPERATION

A Double Block and Bleed Valve is often used for more positive isolation of a process fluid from other equipment. It normally consists of two block valves and a bleed valve to vent.

CAUTION: Do not disassemble valve while under pressure.

A double block and bleed is often used for a more positive isolation of a process fluid from other equipment. It normally consists of two block valves (Valves 1 and 2 in the pictures) and a bleed valve (Valve 3) to a safe location, consistent with local environmental regulations



TECVAL S.L.
C/Berlín, 1 Nave 4
Pol.Can Torrella
08233-VACARISSES
Barcelona - SPAIN
Tel: +34 938 280 055
tecval@tecval.es