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## **Installation, Operating and Maintenance Instructions for** **BOSS Valves**

### **Two Piece Full Port, Steel and Stainless Steel Ball Valves**

All BOSS Two Piece Steel Ball Valves will be supplied with female screwed end connections ready for installation into piping systems.

On receipt and prior to installation, all BOSS Two Piece Steel Ball Valves should be stored indoors in a dust free, low humidity, dry and ventilated environment.

Installation should be undertaken by suitably trained personnel, wearing protective head, eye, hand and foot protection.

The BOSS Two Piece Steel Ball Valves should be compatible with the working pressures and temperatures of the piping systems into which they are being installed.

The piping system should be depressurized prior to installation of the BOSS Two Piece Steel Ball Valves.

The BOSS Two Piece Steel Ball Valves can be installed in a horizontal or vertical position with flow in the piping system in either direction.

Care should be taken during Installation of the BOSS Two Piece Steel Ball Valves to ensure that the threaded connection between the mating pipe and the internal threaded connections of the valves are in line to avoid piping stresses in the valves.

A sealing media such as PTFE tape should be adopted between the male thread of the pipe and the female thread of the BOSS Two Piece Steel Ball Valves, however, care should be used with the amount of sealing medium used to avoid damage to the bodies of the valves as pipe and valve are screwed together during installation.

The BOSS Two Piece Steel Ball Valves are opened and closed by rotating the lever through 90 degrees. To close the valve rotate the lever in a clockwise direction to open-rotate in an anti-clockwise direction.

After installation the BOSS Two Piece Steel Ball Valves should be inspected periodically to ensure external leak tightness of the threaded connections between mating pipes and valves.

The gland of the BOSS Two Piece Steel Ball Valves should be checked periodically for external leak tightness. The gland should be adjusted until the leakage ceases but should not be over tightened.