



# CROWN ISOLATION VALVE



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# CROWN ISOLATION VALVE

The **Stream-Flo Crown Isolation Valve** is designed to allow easy in-line calibration of pressure sensing devices without requiring the shutting in of the flow line. With the Isolation Valve closed, the pressure sensing device is isolated from the flow

line. Two ½" NPT ports located in the upper half of the Isolation Valve can be safely connected to a pump and a pressure gauge to conveniently calibrate the pressure sensing device.

## Features

- The short one-piece 2" MNPT x 2" FNPT body eliminates the need for additional connection nipples and lowers the overall length of the Isolation Valve. This reduces the risk of fluid freezing and/or plugging within the Isolation Valve.
- The Isolation Valve's one-piece body cannot be accidentally broken apart from its inlet and outlet connections during installation or removal as is possible with most 3-piece bodied valves.
- Wrenching hex on the Isolation Valve's one-piece body eases installation and removal.
- The handle clearly indicates valve position.
- The handle can be locked in the open and closed positions with large padlock holes to ensure that any Isolation Valve opening or closing is a deliberate action.
- Back seated stem is blowout proof.
- Pressure equalization hole in ball to prevent pressure from being trapped in body cavity.
- Self-adjusting stem packing provides long service life and requires less maintenance.

## Specifications

- Materials of construction  
Body: A352 LCC Ball: 17-4 PH SS Stem: 17-4 PH SS
- Connections  
Inlet: 2" male NPT Outlet: 2" female NPT Accessory: two ½" female NPT
- Suitable for sour (NACE), low temperature service
- Working temperature range of -50°F/-46°C to +400°F/+204°C
- Maximum working pressures of 6,000 psi (41.4 MPa) from -50°F/-46°C to 100°F/38°C; and 5,000 psi (34.5 MPa) at 400°F/204°C
- Compact body length of 5-7/8" (148 mm)

