



# Pressure Isolation Valve

For In-Line Calibration of Argus Pressure Switches  
and Argus Pressure Pilots



# Pressure Isolation Valve

The Argus PIV allows you to calibrate your safety equipment or perform maintenance without shutting in the line. In the open position you have pressure gauge indication and process control. Close it and safely calibrate your Argus Pressure Switch or Argus Pressure Pilot with ease. Once your maintenance is complete, simply return to the open position and you're back on line.

**It's that easy!**

The one-piece A350-LF2 body construction and NACE trim will handle the full spectrum of service conditions and temperature ranges. Designed to provide safe, economical isolation from flowing product in crude oil, natural gas and condensate flow lines.

## Features:

- Short body pattern reduces the risk of freezing (optional volume displacer available).
- One piece body construction.
- Pressure equalization to prevent body cavity pressure buildup.
- Bi-directional shutoff to full operating pressure.
- Two position lockable handle.
- Self-adjusting stem packing for trouble free service.
- Positive ball core position indication.
- Two ½" female NPT accessory ports.
- Stem is backseated and blowout proof.

## Specifications:

Body: A350-LF2      Ball: 316 Stainless Steel  
Stem: 17-4 PH S.S.      Bolting: Stainless Steel

Rated: 4000 PSI @ +100° F (27,580 kPa @ +38° C)\*

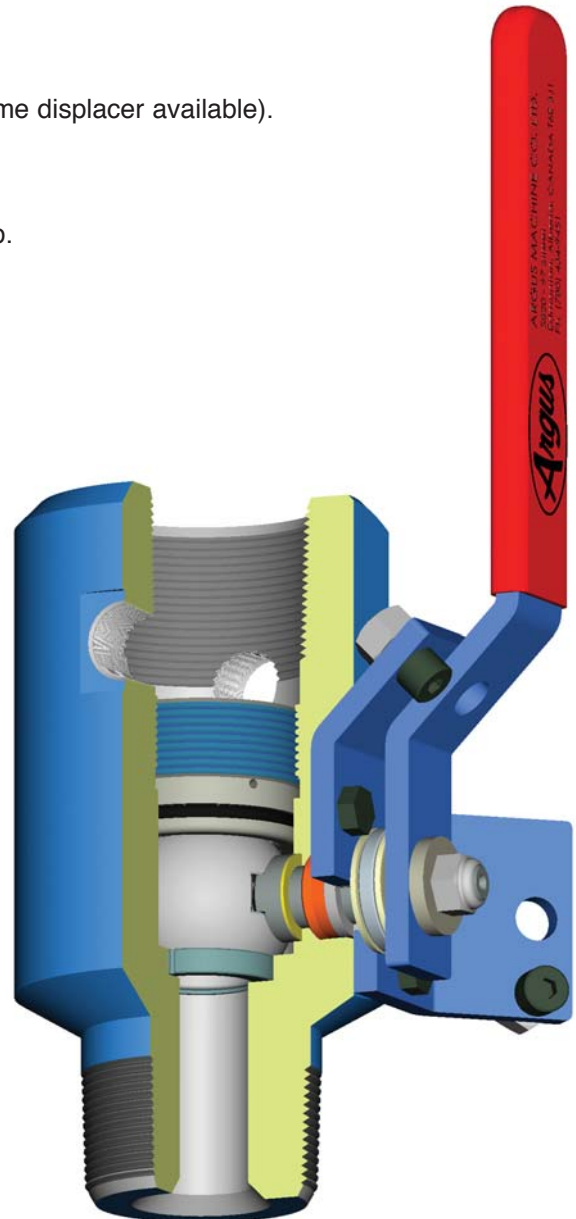
Temp range: -50° F to +250° F (-46° C to +121° C)

Connections:

- 2" male NPT x 2" female NPT
- 150-1500 ANSI Class Integral Flange x 2" female NPT

Designed in accordance with ASME B16.34 and B31.3 for low temp sour service to meet NACE requirements.

\*Rating for 2" NPT connections  
Flange connection rating governed by ANSI class.



**Designed & Manufactured by:**

**Argus Machine Co. Ltd.**

5820 - 97 Street, Edmonton, Alberta, Canada T6E 3J1

Phone: (780) 434-9451      Fax: (780) 434-9909

[www.argusmachine.com](http://www.argusmachine.com)