

Industry: Petro-Chemical Plant
Product: ANSI Style Transmitter Isolation Valve
Media: Poly-Isobutylene and Steam

Application Brief:

Process - Poly-Isobutylene polymerization process. Transmitter Isolation and Calibration with Upstream Steam Purge Capability. Max Temp = 300°F. Max Pressure = 150psig.

Problems:

- Ability to introduce steam purge into upstream system
- Ability to isolate the remote diaphragm seal from the system steam purge heat
- Ability to purge, flush and calibrate remote diaphragm seal face without removing it from the system

PBM Product Description: –

CL150, ANSI Style 2" X 2" full port transmitter isolation valve (TIV) with Tee Port ball.

Advantages of using PBM product:

- Space/Cost Savings – Valve, Steam Purge, Flush/Cal Ring and Transmitter Mount all in one product.
- Fugitive Emissions – Less flange connections = less potential for fugitive emissions
- Reliability – Ability to protect the remote seal from heat and ability to isolate, flush and calibrate the remote seal and transmitter without removing the instrumentation from the system.

