

APPLICATION BRIEF - 108/1214

INDUSTRY: PETRO-CHEMICAL PLANT

PRODUCT: ANSI STYLE TRANSMITTER ISOLATION VALVE

MEDIA: POLY-ISOBUTYLENE AND STEAM

IMI PBM Solution:

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.





