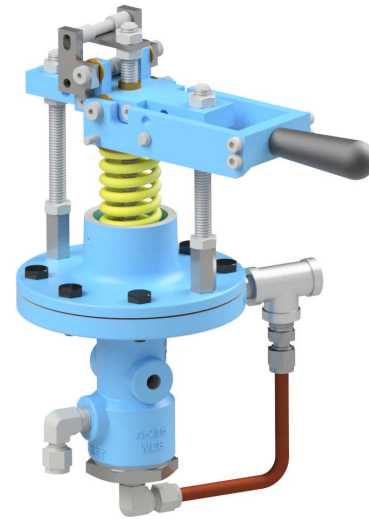


Trip Stop

Trip Stop Pilot	HGD
Body Material	Steel
Max Inlet Pressure	300 PSIG
Trip Pressure Range	3-200 PSIG
Inlet Pressure Range (with HD Standard main valve)	15-300 PSIG
(with HD-LP Low-Pressure main valve)	5-20 PSIG
Minimum Trip Pressure (with HD Standard main valve)	10 PSI
(with HD-LP Low-Pressure main valve)	3 PSI



Typical Applications

The **Trip Stop Pilot** is designed to prevent over pressurization of downstream steam piping systems. The Pilot installs on a standard HD Regulator and senses the downstream pressure. If the pressure were to increase above the set point pressure then the pilot will trip. When the pilot trips it releases a manually resettable handle and releases the diaphragm pressure on the main HD valve. Loss of pressure under the HD diaphragm closes the valve to eliminate downstream steam flow. Once the pressure downstream is below the set point, then the pilot may be manually reset.

Features

- The TSP-Trip Stop Pressure Pilot is used to protect downstream steam pressure from over pressurizing
- Accuracy to within ± 2 PSI
- 3 overlapping spring ranges to choose from
- Pilot is installed using 1/4" NPT Connection
- Solid floating diaphragm
- Watson McDaniel's pilots can be used with other manufacturers' regulators

MATERIALS for TSP Trip Stop Pressure Pilot

Pilot Body & Cover	Cast Steel
Seat Gasket	302 SS
Diaphragm	Phosphor Bronze
Head & Seat Assembly	Hardened SST (55 Rc)

OPERATING PRESSURES

Inlet Pressure Range:

15-300 PSIG (Standard Main Valve)

5-20 PSIG (Low Pressure Main Valve)

Minimum Trip Pressure:

10 PSI (Standard Main Valve)

3 PSI (Low Pressure Main Valve)

Pressure Range PSI	Model Code	Spring Color	Weight lbs
3-25	TSP-Y-XXX*	Yellow	16
20-100	TSP-B-XXX*	Blue	16
80-200	TSP-R-XXX*	Red	16

*Specify Trip Set Pressure.

How to Size / Order

TSP - TRIP STOP PILOT

Specify: • Trip Set Pressure (factory set)

Example: **TSP-B-040**: TSP Pilot with 40 PSIG set pressure

REGULATOR BODY

Specify: • **HD** regulator body
• Regulator size or capacity
• End connections (threaded, 150/300# flanged)

