

# SPRING TYPE DIAPHRAGM ST-8 SERIES

## Specifications:

- 1/2 SIZE ROUND HANDLE MANUAL PANEL MOUNT
- PRESSURE RATING : 0 PSIA to 3000 PSIG @ 70 F
- MAX DIFFERENTIAL BACK PRESSURE : 3000 PSID
- FLOW COEFFICIENT:  $C_v \approx .30$
- STANDARD SEAT MATERIAL: PCTFE
- TEMPERATURE LIMITS: -65F to 150F
- MAX ALLOWABLE SEAT LEAKAGE :  $2 \times 10^{-8}$  ATM cc/sec He
- MAX INBOARD LEAKAGE:  $2 \times 10^{-8}$  ATM cc/sec He
- WETTED DIAPHRAGM
- STANDARD PANEL MOUNT
- PANEL HOLE SIZE: 1 1/4
- OPTIONAL PANEL MOUNT



## Features and Benefits

- FORGED BODY CONSTRUCTION
- SPRING TYPE DESIGN
- METAL DIAPHRAGM SEALED
- POSITIVE SHUT-OFF
- HIGH CYCLE LIFE
- ULTRASONICALLY DI CLEANED
- 100% HELIUM LEAK TESTED
- CUSTOM MATERIALS AND CONFIGURATIONS AVAILABLE ON REQUEST

## Additional Configuration Options

- AVAILABLE WITH ELECTROPOLISHED ID SURFACE ON REQUEST
- CUSTOM MATERIALS AND CONFIGURATIONS AVAILABLE ON REQUEST