

Metal Diaphragm Sensed/Economical
maximum 400 or 3500 PSIG in/ranges up to 500 PSIG out
general purpose/pressure reducing

44-2200 Series

Specifications

Operating Parameters

pressure rating per criteria of ANSI/ASME B31.3
 maximum rated inlet pressure 400 PSIG,
 3500 PSIG
 outlet pressure ranges 0-25, 0-50, 0-100,
 0-250 & 0-500 PSIG
 design proof pressure 150% maximum
 rated pressure
 leakage internal: bubble-tight
 external: design to meet $\leq 2 \times 10^{-8}$ atm cc/sec He
 operating temperature -15° F to +165° F
 (-26° C to +74° C)
 flow capacity:
 3500 PSIG inlet $C_v = .06$
 400 PSIG inlet $C_v = .15$
 maximum operating torque. 30 in.-lbs. (3.4 Nm)

Media Contact Materials

body 316L SST, Brass, Hastelloy-C® or Monel
 bonnet 300 Series Stainless Steel, Brass
 diaphragm 316 SST, Elgiloy®
 seat Teflon®
 remaining parts 316 SST/Brass,
 Hastelloy® or Monel

Cleaning CGA 4.1 and ASTM G93

Weight (without gauges) 2.0 lbs. (.9 kg)

Pressure Conversion 14.5 PSIG = 1 bar 145 PSIG = 1 MPa

*Teflon® is a registered trademark of Du Pont.
 Hastelloy® is a registered trademark of Haynes International, Inc.
 Elgiloy® is a registered trademark of Elgiloy Corp.*



Advantages

- Compact in size
- Designed to reduce contamination and provide accurate regulation of any corrosive, non-corrosive or toxic gas
- Brass model provides added economy for control of non-corrosive media
- Metal to metal diaphragm to body seal assures minimum inboard and outboard leakage
- Convoluted diaphragm gives excellent accuracy and long life
- Panel mounting available
- Welded connections available: Sanitary ends, VCR® and tube stubs
- 300 Series Stainless Steel or brass bonnet

