



High Flow/Purge

maximum 500 & 3000 PSIG in/ranges of 0-200 PSIG out
pressure reducing

44-3200 Series

Specifications

Operating Parameters

pressure rating per criteria of ANSI/ASME B31.3
maximum rated inlet pressure . . . 500 PSIG
outlet pressure ranges 0-200 PSIG

design proof pressure 150% of rated pressure
leakage:

internal bubble-tight
external $< 2 \times 10^{-8}$ atm cc/sec He

operating temperature -40° F to +165° F
(-40° C to +74° C)

flow capacity $C_v = 1.0$
(optional $C_v = 1.8$)

Media Contact Materials

body brass, 316 Stainless Steel
bonnet nickel plated brass
diaphragm 316 Stainless Steel
seat:

500 PSIG inlet Teflon®
retainer, seat Nitronic 60
seal Teflon®
remaining parts 316 Stainless Steel

For other materials and modifications, please consult factory.

Cleaning CGA 4.1 and ASTM G93

Weight (without gauges) 3.5 lbs. (1.6 kg)

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



Advantages

- 316 Stainless Steel
- Inlet pressure rating: 500
3000 PSIG maximum
- Five outlet pressure ranges available
- Gauge ports standard
- Optional High Flow model ($C_v=1.8$)
available
- Panel mounting option
- Non-venting standard

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