

Specifications

Operating Parameters

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

☐ 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

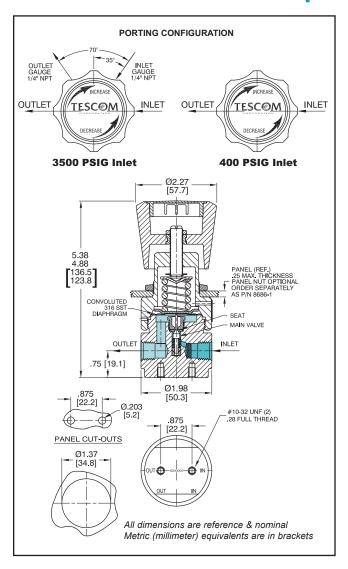
- Compact in size
- Designed to reduce contamination and provide accurate regulation of any corrosive, non-corrosive or toxic gas
- Brass model provides added economy for control of non-corrosive media
- Metal to metal diaphragm to body seal assures minimum inboard and outboard leakage
- Convoluted diaphragm 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



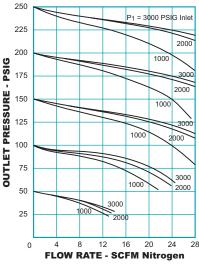


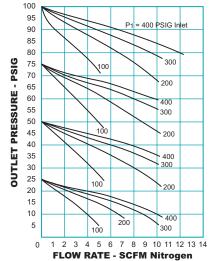
44-2200 Series

Metal Diaphragm Sensed/Economical



Flow Charts







- **010** Outlet gauge port at 90°
- 115 High temperature (400°F)
- 118 Hydraulic service outlet gauge port at 90°

Part Number Selector

example part number:

44-22 6 0 - 2 4 1

BASIC BODY OUTLET PRESSURE INLET & OUTLET INLET & OUTLET FLOW

BASIC	BODY	OUTLET PRESSURE	INLET & OUTLET PORT TYPE	INLET & OUTLET	INLET	FLOW
SERIES	Material	RANGES		PORT SIZE	PRESSURE	CAPACITY
44-22	1 - Brass 5 - Hastelloy-C® 6 - 316L SST 9 - Monel	0 - 0-25 PSIG 1 - 0-50 PSIG 2 - 0-100 PSIG 3 - 0-250 PSIG 4 - 0-500 PSIG (with 3500 PSIG inlet only)	2 - NPT	4 – 1/4"	1 – 3500 PSIG 2 – 400 PSIG See porting co	$C_V = .06$ $C_V = .15$ <i>nfiguration</i>

Repair Kits, Accessories & Modifications may be available for this product. Please contact Tescom for more information.



WARNING! Do not attempt to select, install, use or maintain this product until you have read and fully understood the *Tescom Safety, Installation & Operation Precautions*.

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