

Specifications

Operating Parameters

-	operating randinotore
	pressure rating per criteria of ANSI/ASME B31.3
	rated inlet pressure
	outlet pressure range 0-25, 0-50, 0-100, 0-150
	& 0-250 PSIG
	design outlet proof pressure 150% of maximum
	rated pressure
	operating temperature40° F to +165° F
	(-40° C to +74° C)
	flow capacity $C_V = .05$
	leakage internal: bubble-tight
	external: design to meet ≤ 2 x 10-8 atm cc/sec He



For other materials and modifications, please consult Tescom.

Connections	1/4" NPT	inlet	outlet 8	otton anuen S	

☐ Weight (without gauges) 3 lbs. (1.35 kg)

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

Elgiloy® is a registered trademark of Elgiloy Specialty Metals.



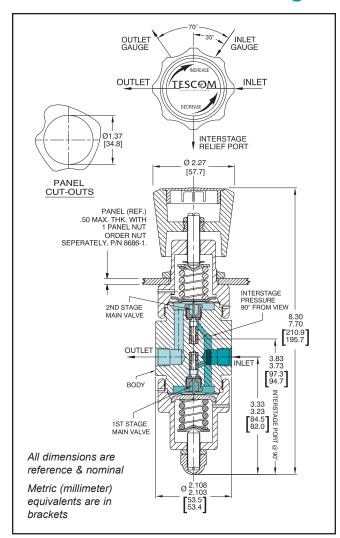
Advantages

- Provides a continuous, accurate outlet pressure regardless of inlet pressure fluctuations
- Offers a decaying inlet characteristic of .04 PSIG per 100 PSIG change in inlet pressure
- Features a unique metal-to-metal diaphragm to body seal
- Diaphragms are convoluted for greater accuracy and sensitivity
- Available in 316 Stainless Steel, brass or Monel

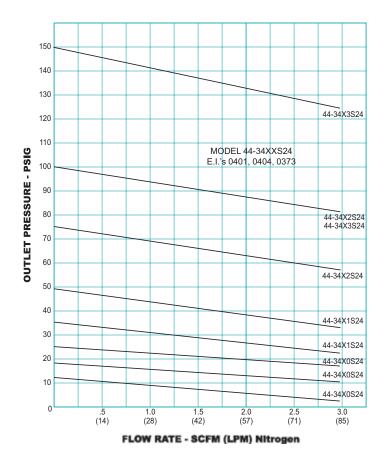




44-3400 Series Two Stage/Pressure Reducing



Flow Chart



Part Number Selector

example part number:

44-34 6 2 S 2 4 **MATERIALS INLET &** INLET & **BASIC** OUTLET friction remaining **OUTLET OUTLET** SERIES **PRESSURE RANGES PORT TYPE** body diaphragm spring sleeve (outer) parts **SEAT PORT SIZE** 44-34 1 - Brass 316 SST 316 SST 316 SST 316/Brass 0 - 0 - 25 PSIG S - PTFE 2 - NPT 4 - 1/4" **1** - 0 - 50 PSIG 316 SST 6 - 316 SST 316 SST 316 SST 316 SST 9 - Monel Elgiloy® Elgiloy® **PTFE** Monel 2 - 0 - 100 PSIG 3 - 0 - 150 PSIG 4 - 0 - 250 PSIG

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*.

The contents of this publication are presented for informational purposes only, and while every effort has been made to ensure their accuracy, they are not to be construed as warranties or guarantees, expressed or implied, regarding the products or services described herein or their use or applicability. We reserve the right to modify or improve the designs or specifications of such product at any time without notice.

For information contact:



TESCOM Industrial Controls

Tel: 800-447-1250 • 763-241-3238 Fax: 763-241-3224 • email: ic@tescom.com

12616 Industrial Boulevard • Elk River, MN 55330 USA

©Tescom Corporation, 2006; All Rights Reserved.
Tescom is a business unit of the Regulator Division.
Trademarks are property of divisions of Emerson Process Management.

