

Specifications

Operating Parameters

external: design to meet < 2 x 10⁻⁸ atm cc/sec He operating temperature...... -40° F to +165° F (-40° C to +74° C)

flow capacity $C_V = .08$ maximum operating torque . . . 30 in.-lbs. (3.4 Nm)

Media Contact Materials

For other materials and modifications, please consult Tescom.

☐ Weight (without gauges) 2 lbs. (.90 kg)

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

Elgiloy® is a registered trademark of Elgiloy Specialty Metals.



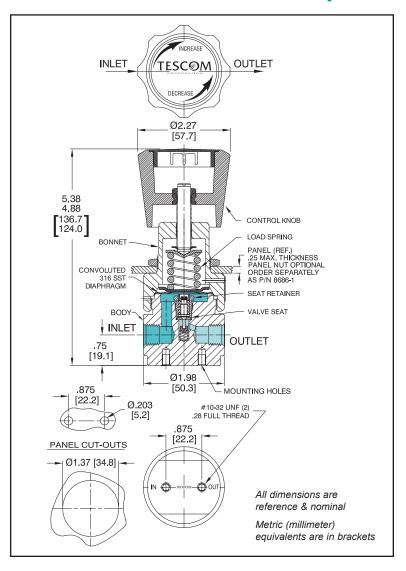
Advantages

- Reduces contamination and provides accurate regulation of any corrosive or non-corrosive gas
- Convoluted metal to metal sealed diaphragm
- Close pressure differential between crack and reseat
- · Economically priced
- · Dome loading optional
- Panel mounting available

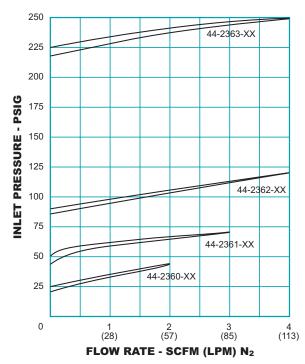




44-2300 Series General Purpose/Back Pressure



Flow Chart





Part Number Selector

example part number:

44-23 6 3 - 2 4

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BASIC SERIES	BODY MATERIAL	DIAPHRAGM	SPRING	REMAINING PARTS	CONTROLLED PRESSURE RANGES	IN & OUT PORT TYPE	IN & OUT PORT SIZE
44-23	1 - Brass	316 SST	316 SST	316 SST	0 - 0-25 PSIG	2 – NPT	4 - 1/4"
	6 – 316 SST	316 SST	316 SST	316 SST	1 - 0-50 PSIG		
	9 - Monel	Elgiloy®	Elgiloy®	Monel	2 – 0-100 PSIG		
					3 - 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*.

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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

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