

Miniature / Lecture Bottle
maximum 240 bar in / ranges up to 7 bar out
compact / pressure reducing

04 Series

Specifications

❑ Operating Parameters

Max. rated inlet pressure:.. 240 bar (3500 PSIG)

Outlet pressure ranges: 0-2 / 0-4 / 0-7 bar
(0-30 / 0-60 / 0-100) PSIG

Design proof pressure:

..... 150% of max. rated pressure

Leakage:

Internal:..... Bubble-tight

External: $< 1 \times 10^{-6}$ mbar l/s He

Operating temperature:..... -40 °C to +60 °C

Flow capacity:..... $C_v = 0.06$

Max. operating torque:..... 3.4 Nm

Internal volume: 3.03 cm³

❑ Media Contact Materials

Body: . 316 Stainless steel, brass or aluminum

Diaphragm:.....Elgiloy®

Seat:CTFE or Teflon PFA®

Friction sleeve (inner): Teflon®

Remaining parts:316 Stainless steel or
brass (on brass models)

For other materials and modifications, please contact factory.

❑ Connections:..... 1/8" or 1/4" NPT

❑ Weight (without gauges):

Stainless steel or brass models:0.45 kg

Aluminum:.....0.23 kg



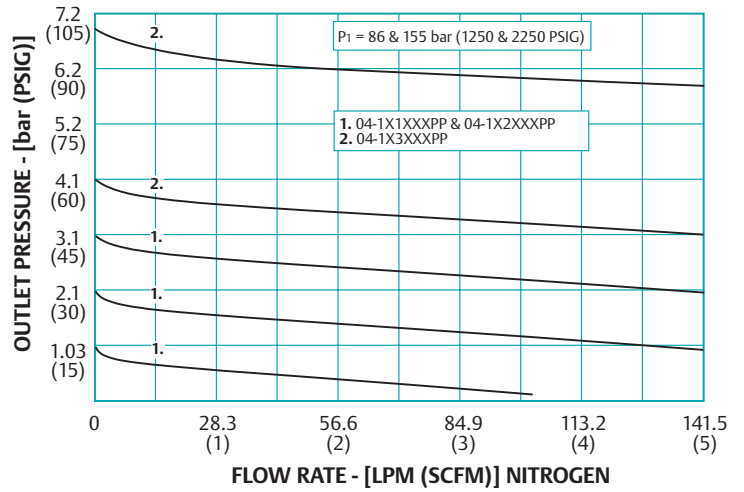
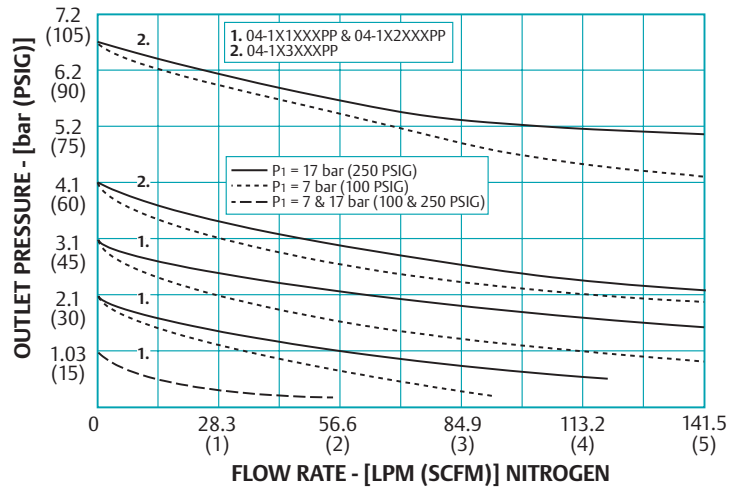
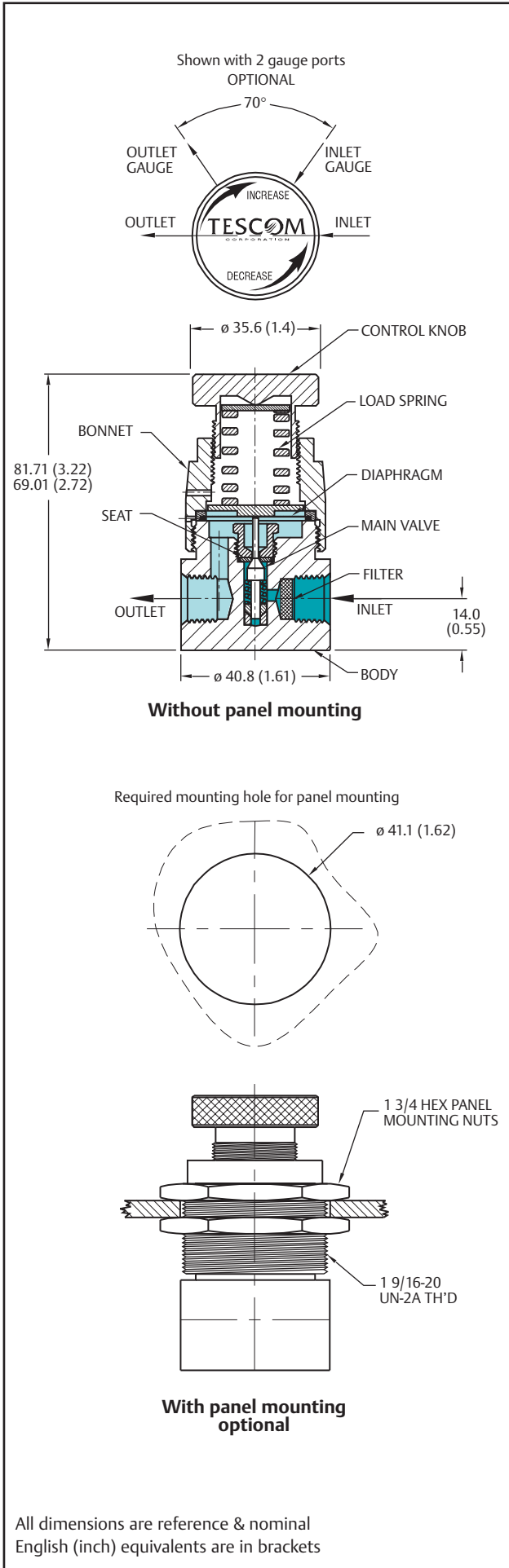
Advantages

- Compact size (82 mm high) and constructed with light weight materials
- Available in 316 Stainless Steel, brass or aluminum body construction
- Corrosion resistant
- Elgiloy® diaphragm provides accurate and stable pressure control
- Minimal internal volume allow rapid purging
- Various porting configurations available

*Teflon® and Vespe® are registered trademarks of Du Pont.
Elgiloy® is a registered trademark of Elgiloy Corp.*


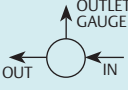
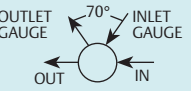
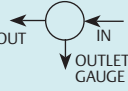
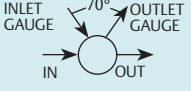
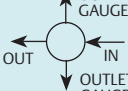
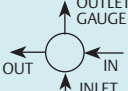

04 Series Miniature / Lecture Bottle

Flow Charts



Part Number Selector

Example Part Number:

04-1	A	3	E	AA	PP	Z		
BASIC SERIES	INLET PRESSURE bar (PSIG) TRIM MATERIAL	BODY MATERIAL SEAT MATERIAL	OUTLET PRESSURE bar (PSIG)	ADJUSTMENT	GAUGE PORT OPTIONS SIZE, TYPE & (NUMBER OF PORTS)	IN & OUT PORTS SIZE & TYPE	OPTIONS	
04-1	A - 240 (3500) 316 SST	316/316L SST Teflon PFA®	1 - 0 to 2 (0 to 30)	WITHOUT PANEL MOUNTING		PP - 1/8" NPT NN - 1/4" NPT	Z - None	
	B - 240 (3500) 316 SST/Brass	Brass Teflon PFA®	2 - 0 to 4 (0 to 60)	A - Black knob	AA - No Gauge Ports (0)			
	C - 240 (3500) 316 SST/Brass	Aluminum Teflon PFA®	3 - 0 to 7 (0 to 100)	WITH PANEL MOUNTING E - Black knob				AF - 1/4" NPT (1) AG - 1/8" NPT (1)
	D - 240 (3500) 316 SST	316/316L SST CTFE						AT - 1/8" NPT (2)
	E - 240 (3500) 316 SST/Brass	Brass CTFE						BF - 1/4" NPT (1) BG - 1/8" NPT (1)
	F - 240 (3500) 316 SST/Brass	Aluminum CTFE						BT - 1/8" NPT (2)
	G - 240 (3500) 316 SST	316/316L SST Vespel®						CS - 1/4" NPT (2)
	H - 240 (3500) 316 SST/Brass	Brass Vespel®						DS - 1/4" NPT (2)
	I - 240 (3500) 316 SST/Brass	Aluminum Vespel®						GF - 1/4" NPT (2)

For more information to **Repair Kits, Accessories & Modifications** please contact factory.



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1056-10-05 Subject to technical changes

