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ELW

428 FMA PB PO-S W/TI

Low Pressure Control Valve | Balanced |
Piston Balanced, Pressure to Open

4" 150 RF Angled Body
3" Linear (Nominal) Trim

Process Fluid: **Liquid and Gas**
Operation: **Pneumatic**

Options Included In This Model:

- Valve Fail Position: **Closed**



Critical Flow Factor (Cf) = 0.79

100% Cv = **70.10**

Cv @ % Stem Travel (%open)									
10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
12	18.9	25.8	32.8	39.9	46.9	53.7	60	65.7	70.1

Upstream vs downstream pressure is balanced via communication of the process fluid above and below the balancing diaphragm or piston in order to eliminate opening/closing forces due to pressure differential. Designed for liquid systems, and available in either pressure-opening (normally closed) or pressure-closing (normally open) configurations.

Specifications

Connection Size: **4 "**
 Connection Type: **150 RF**
 Body Style: **Angled Body**
 Body Material: **Steel**
Option Available for NACE MR0175 compliance or certification.
 Trim Size: **3 "**
 Trim Type: **Linear (Nominal)**
 Seal Class: **Class VI**
 Process Fluid: **Liquid and Gas**
 Max. Working Pressure: **285 psig**
 Actuator Spring Nominal Pressure: **35 psig**
 Actuator Crack Open Pressure: **10 psig**
 Actuator Full Open Pressure: **35 psig**
 Max. Supply Gas Pressure: **45 psig**
 Valve Fail Position: **Closed**
 Operation: **Pneumatic**
 Catalog Page: **E3:20.4**
 Repair Kit P/N: **RTT**

Flow Coefficient (CV) at Stem Travel (% Open) for Item: ELW

