

Normally open, modulating element

Capacity:
30 gpm (120 L/min.)

Functional Group:

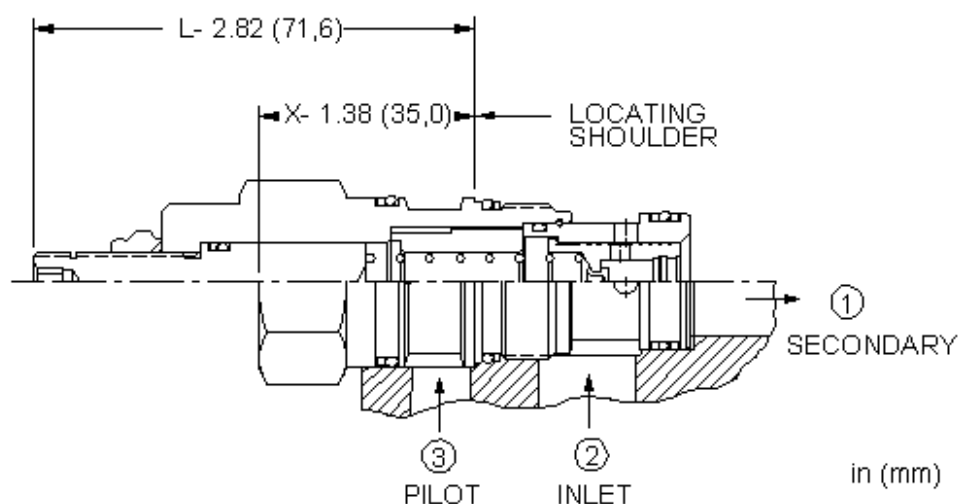
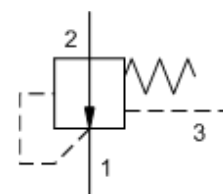
Products : Cartridges : Logic Element : Modulating : Normally Open

Model:

LPFC

Product Description

Normally open modulating elements without an internal orifice act as a restrictive compensator to maintain a constant pressure drop across an orifice, regardless of variations in upstream or downstream pressure.

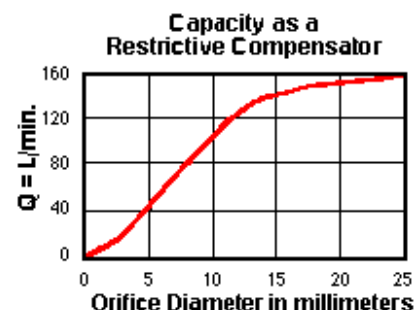
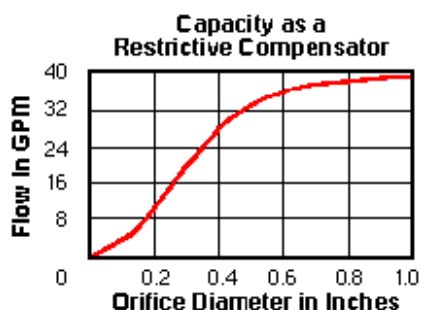


Technical Features

- An optional tuning adjustment (L control) is offered to vary the pressure drop across the compensator to increase/decrease flow. This option is only available with the D spring option (50 psi [3,5 bar]).
- Corrosion resistant cartridge valves are intended for use in corrosive environments and are identified by the model code suffix /AP (see Option Selection below). The bodies of these valves are made from high strength lean duplex stainless steel. Adjustment screws are made from titanium or silicon brass, depending on the model. Lock nuts, retaining wires, and assorted controls are made from 316 stainless steel. Internal parts are made from carbon steel leaded alloy, the same as standard valves.
- If a higher compensating pressure is needed consider using a direct-acting reducer; PR*R.
- Incorporates the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge machining variations.
- All ports will accept 5000 psi (350 bar).

Technical Data

	U.S. Units	Metric Units
Cavity	T-2A	
Capacity	30 gpm	120 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Series (from Cavity)	Series 2	
Valve Hex Size	1 1/8 in.	28,6 mm
Valve Installation Torque	45 - 50 lbf ft	60 - 70 Nm
Seal Kits - Cartridge	Buna: 990-202-007	
Seal Kits - Cartridge	Viton: 990-202-006	
Model Weight	0.50 lb.	0.23 kg.

**LPFC-XHN****Control****Differential Pressure****Seal Material****Material/Coating Modifier****Standard Options****X** Not Adjustable**Standard Options**

D 50 psi (3,5 bar)
F 100 psi (7 bar)
G 150 psi (10,5 bar)
H 200 psi (14 bar)

Standard Options

N Buna-N
V Viton

Preferred Options**No modifier** (standard material with no special coating)**Special Options****/AP** Stainless Steel, Passivated

Control: X

Our corrosion resistant product line is growing! If you are interested in a corrosion resistant option for this model, please contact Sun.

Additional Options**Control**

A External 4-SAE Port
G Slow Acting Pilot

Differential Pressure**Seal Material**

When the modifier is /AP, the control must be x