

Normally open, modulating element

Capacity:
15 gpm (60 L/min.)

Functional Group:

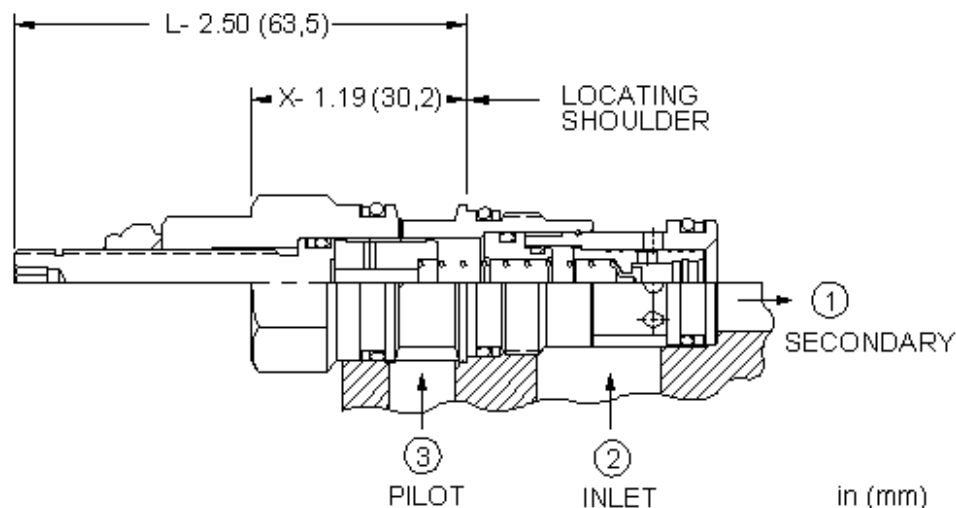
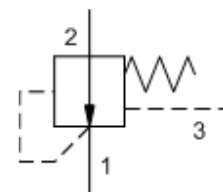
Products : Cartridges : Logic Element : Modulating : Normally Open

Model:

LPDC

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.



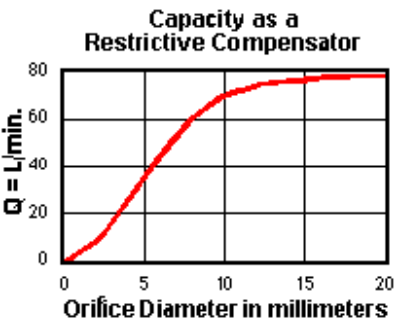
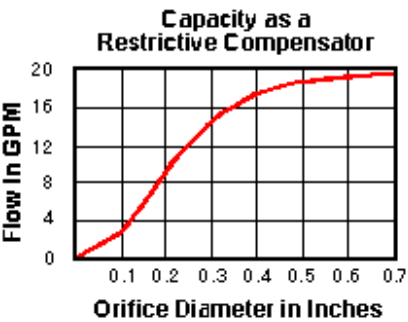
Technical Features

- If a higher compensating pressure is needed consider using a direct-acting reducer; PR*R.
- 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.
- All ports will accept 5000 psi (350 bar).
- 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.

Technical Data

	U.S. Units	Metric Units
Cavity	T-11A	
Capacity	15 gpm	60 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Series (from Cavity)	Series 1	
Valve Hex Size	7/8 in.	22,2 mm

Valve Installation Torque	30 - 35 lbf ft	40 - 50 Nm
Seal Kits - Cartridge	Buna: 990-011-007	
Seal Kits - Cartridge	Viton: 990-011-006	
Model Weight	0.28 lb.	0.13 kg.



LPDC-XHN

Control	Differential Pressure	Seal Material	Material/Coating Modifier
Standard Options	Standard Options	Standard Options	Preferred Options
X Not Adjustable	D 50 psi (3,5 bar) F 100 psi (7 bar) G 150 psi (10,5 bar) H 200 psi (14 bar)	N Buna-N V Viton	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.

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