

Normally open, modulating element

Capacity:
7.5 gpm (30 L/min.)

Functional Group:

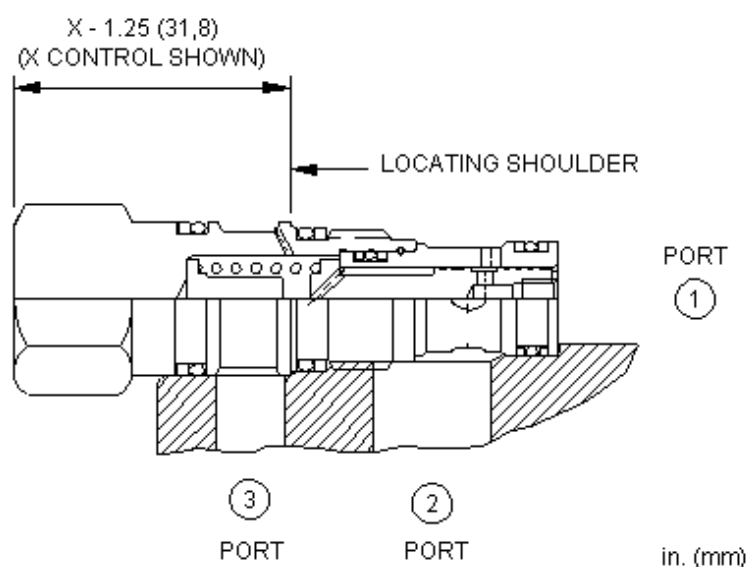
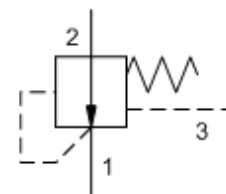
Products : Cartridges : Logic Element : Modulating : Normally Open

Model:

LPBC

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.

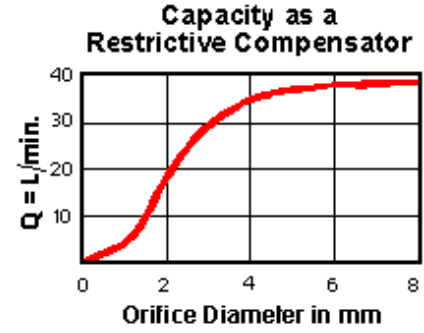
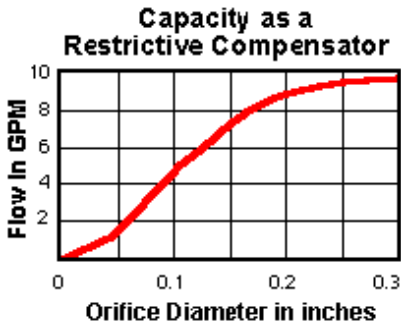


Technical Features

- 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]).
- 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-163A	
Capacity	7.5 gpm	30 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Series (from Cavity)	Series 0	
Valve Hex Size	3/4 in.	19,1 mm
Valve Installation Torque	20 - 25 lbf ft	27 - 33 Nm
Seal Kits - Cartridge	Buna: 990-163-007	
Seal Kits - Cartridge	Viton: 990-163-006	
Model Weight	0.20 lb.	0.09 kg.



LPBC-XHN

Control

Standard Options

- L** Tuning Adjustment
- X** Not Adjustable

Differential Pressure

Standard Options

- D** 50 psi (3,5 bar)
- F** 100 psi (7 bar)
- H** 200 psi (14 bar)

Seal Material

Standard Options

- N** Buna-N
- V** Viton

When the control is L, the range must be D