

Normally open, modulating element with pilot source from port 1

Capacity:
7.5 gpm (30 L/min.)

Functional Group:

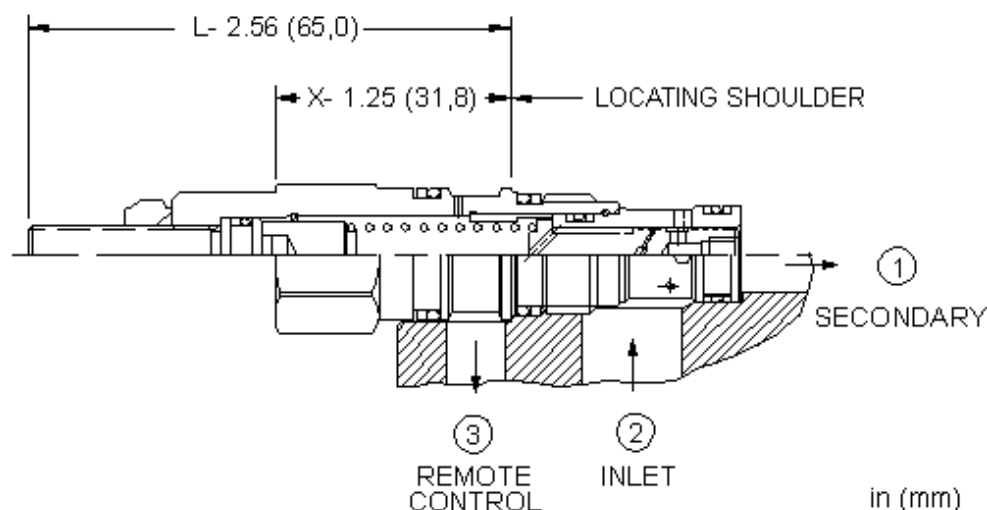
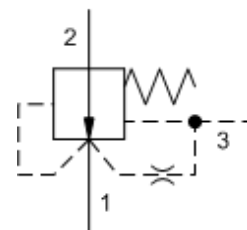
Products : Cartridges : Logic Element : Modulating : Normally Open, Pilot Source from port 1

Model:

LPBA

Product Description

These normally open modulating elements with an internal orifice between port 1 and port 3 can be used as a main-stage reducing valve. The valve can be controlled remotely using a pilot relief or pilot solenoid valve.



Technical Features

- Sun offers a variety of pressure and solenoid pilot control valves than can be used as remote control operators. See Pilot Control Cartridges.
- 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.
Control Orifice Diameter	.016 in.	0,4 mm
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.

LPBA-XHN**Control****Bias Pressure****Seal Material****Standard Options****Standard Options****Standard Options**

- L** Tuning Adjustment
X Not Adjustable

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

- N** Buna-N
V Viton

When the control is L, the range must be D

When the control is X, the range must be D,F or H