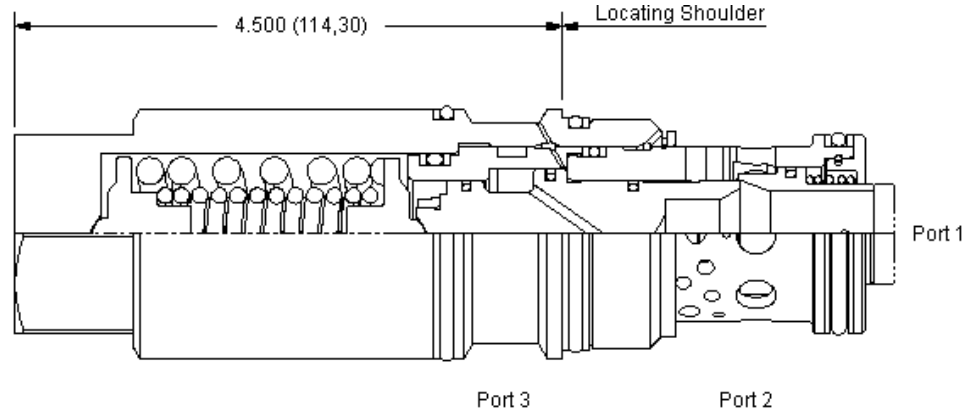


3-Port Non-vented, Fixed Setting



**CONFIGURATION**

<b>L</b>	Factory Set	4000 psi (280 bar)
<b>N</b>	Seal Material	Buna-N
	Material/Coating	

Fixed setting, load reactive, load control valves with pilot assist combine two valves; a check valve and a relief valve. The check valve allows free flow from the directional valve (port 2) to the load (port 1) while a direct-acting, pilot-

assisted relief valve controls flow from port 1 to port 2. Pilot assist at port 3 lowers the effective setting of the relief valve at a rate determined by the pilot ratio.

**TECHNICAL DATA**

Maximum Operating Pressure	5000 psi
Pilot Ratio	4.5:1
Maximum Recommended Load Pressure	See Technical Features
Check Cracking Pressure	25 psi
Factory Pressure Settings Established at	2 in <sup>3</sup> /min.
Maximum Valve Leakage at Reseat	5 drops/min.
Reseat	≥77% of setting
Seal kit - Cartridge	Buna: 990-019-007
Seal kit - Cartridge	Polyurethane: 990-019-002
Seal kit - Cartridge	Viton: 990-019-006

**CONFIGURATION OPTIONS**

**Model Code Example: MBIGXLN**

**FACTORY SET**

- L** 4000 psi (280 bar)
- K** 3000 psi (210 bar)
- M** 5000 psi (350 bar)

**(L)**

**SEAL MATERIAL**

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

**(N)**

**MATERIAL/COATING**

- /LH** Mild Steel, Zinc-Nickel
- /AP** Stainless Steel, Passivated
- Standard Material/Coating

**(/LH)**