



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

### CONFIGURATION

X	Control	Not Adjustable
H	Differential Pressure	200 psi (14 bar)
N	Seal Material	Buna-N
	Material/Coating	

### TECHNICAL DATA

NOTE:  
DATA MAY  
VARY BY

Cavity	T-19A
Series	4
Capacity	120 gpm
Maximum Operating Pressure	5000 psi
Control Orifice Diameter	.021 in.
Control Pilot Flow	15 - 30 in <sup>3</sup> /min.
Valve Hex Size	1 5/8 in.
Valve Installation Torque	350 - 375 lbf ft
Model Weight	2.55 lb.
Seal kit - Cartridge	Buna: 990-019-007
Seal kit - Cartridge	Polyurethane: 990-019-002
Seal kit - Cartridge	Viton: 990-019-006

CONFIGURATION. SEE  
CONFIGURATION SECTION.

## OPTION SELECTION EXAMPLE: LRJAXHN

CONTROL	(X)	DIFFERENTIAL PRESSURE	(H)	SEAL MATERIAL	(N)	MATERIAL/COATING
<b>X</b> Not Adjustable		<b>H</b> 200 psi (14 bar)		<b>N</b> Buna-N		Standard Material/Coating
		<b>A</b> 12 psi		<b>V</b> Viton		<b>/AP</b> Stainless Steel, Passivated
		<b>B</b> 20 psi (1,5 bar)				
		<b>C</b> 30 psi (2 bar)				
		<b>D</b> 50 psi (3,5 bar)				

### TECHNICAL FEATURES

- A tuning adjustment (models configured with an L control) is available to vary the pressure drop across the compensator to increase/decrease flow within +/-25% of setting.
- All ports will accept 5000 psi (350 bar).
- Corrosion resistant cartridge valves are intended for use in corrosive environments and are identified by the model code suffix /AP for external stainless steel components, or /LH for external zinc-nickel plated components. See the CONFIGURATION section for all options. For further details, please see the Materials of Construction page located under TECH RESOURCES.
- 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.