



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
	Seal Material	
	Material/Coating	

**TECHNICAL DATA**

NOTE:  
DATA MAY  
VARY BY

Cavity	T-17A
Series	3
Capacity	60 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 1/4 in.
Valve Installation Torque	150 - 160 lbf ft
Seal kit - Cartridge	Buna: 990-017-007
Seal kit - Cartridge	Polyurethane: 990-017-002
Seal kit - Cartridge	Viton: 990-017-006

OPTION SELECTION EXAMPLE: LRHAXHN

CONTROL		(X)	SEAL MATERIAL		(V)	MATERIAL/COATING	
X	Not Adjustable		V	Viton			Standard Material/Coating
8	T-8A Cavity		N	Buna-N		/AP	Stainless Steel, Passivated
E	External 4-SAE Port, Port 3 blocked						
L	Tuning Adjustment						

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.