



**CONFIGURATION**

<b>X</b>	Control	Not Adjustable
<b>D</b>	Differential Pressure	50 psi (3,5 bar)
<b>N</b>	Seal Material	Buna-N
<b>(none)</b>	Material/Coating	Standard Material/Coating

Normally closed modulating elements without an internal orifice act as a bypass compensator to maintain a constant pressure drop across an orifice, regardless of variations in upstream or downstream pressure.

**TECHNICAL DATA**

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Cavity	T-11A
Series	1
Capacity	15 gpm
Maximum Operating Pressure	5000 psi
Valve Hex Size	7/8 in.
Valve Installation Torque	30 - 35 lbf ft
Seal kit - Cartridge	Buna: 990011007
Seal kit - Cartridge	EPDM: 990011014
Seal kit - Cartridge	Polyurethane: 990011002
Seal kit - Cartridge	Viton: 990011006
Model Weight	0.26 lb.

**CONFIGURATION OPTIONS**

Model Code Example: LRDCXDN

CONTROL	(X)	DIFFERENTIAL PRESSURE	(D)	SEAL MATERIAL	(N)	MATERIAL/COATING
<b>X</b> Not Adjustable		<b>D</b> 50 psi (3,5 bar)		<b>N</b> Buna-N		Standard Material/Coating
		<b>F</b> 100 psi (7 bar)		<b>E</b> EPDM		/AP Stainless Steel, Passivated
		<b>G</b> 150 psi (10,5 bar)		<b>V</b> Viton		/LH Mild Steel, Zinc-Nickel
		<b>H</b> 200 psi (14 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.
- Cartridges configured with EPDM seals are for use in systems with phosphate ester fluids. Exposure to petroleum based fluids, greases and lubricants will damage the seals.
- 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.

**RELATED MODELS**

- [LRDCL](#) Tuneable, normally closed, modulating element