



CONFIGURATION

L	Control	Tuning Adjustment
D	Differential Pressure	50 psi (3,5 bar)
N	Seal Material	Buna-N

Normally open modulating elements without an internal orifice act as a restrictive 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-163A
Series	0
Capacity	7.5 gpm
Maximum Operating Pressure	5000 psi
Valve Hex Size	3/4 in.
Valve Installation Torque	20 - 25 lbf ft
Seal kit - Cartridge	Buna: 990163007
Seal kit - Cartridge	Polyurethane: 990163002
Seal kit - Cartridge	Viton: 990163006
Model Weight	0.25 lb.

CONFIGURATION OPTIONS

Model Code Example: LPBCLDN

CONTROL	(L)	DIFFERENTIAL PRESSURE	(D)	SEAL MATERIAL	(N)
L	Tuning Adjustment	D	50 psi (3,5 bar)	N	Buna-N
X	Not Adjustable	F	100 psi (7 bar)	V	Viton
		H	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.
- 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.

PERFORMANCE CURVES



