



**CONFIGURATION**

L Control	Stroke Adjustment
Cracking Pressure	
Seal Material	
Material/Coating	

These unbalanced, pilot-to-close logic valves are 2-way switching elements that are spring biased closed. Pressure at either work port 1 or 2 will oppose the spring and tend to open the valve while pressure at port 3 will tend to close it. The force generated at port 3, plus the spring force, must be greater than the sum of the forces acting at port 1 and port 2 for the valve to remain closed. NOTE: The pilot area (port 3) is 1.8 times the area at port 1 and 2.25 times the area at port 2.

**TECHNICAL DATA**

Maximum Operating Pressure	5000 psi
Area Ratio, A3 to A1	1.8:1
Area Ratio, A3 to A2	2.25:1
Maximum Valve Leakage at 110 SUS (24 cSt)	10 drops/min.
Pilot Passage into Valve	.035 in.
Pilot Volume Displacement	.07 in <sup>3</sup>
Seal kit - Cartridge	Buna: 990-202-007
Seal kit - Cartridge	Polyurethane: 990-002-002
Seal kit - Cartridge	Viton: 990-202-006

**CONFIGURATION OPTIONS**

Model Code Example: **LOFCLXN**

CONTROL	(L)	CRACKING PRESSURE	(D)	SEAL MATERIAL	(N)	MATERIAL/COATING	((LH)
L Stroke Adjustment		D 50 psi (3,5 bar)		N Buna-N		/LH Mild Steel, Zinc-Nickel	
X Standard Pilot				E EPDM		/AP Stainless Steel, Passivated	
				V Viton		Standard Material/Coating	