

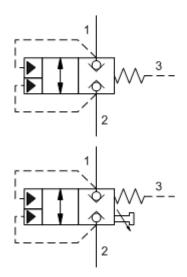
MODEL LOFC

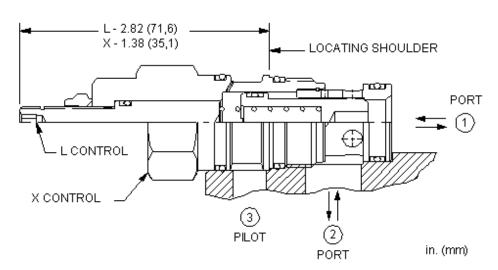
Pilot-to-close, spring-biased closed, unbalanced poppet logic element

CAPACITY: 50 gpm / CAVITY: T-2A









CONFIGURATION

Į	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 ³
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)

LStroke AdjustmentD50 psi (3,5 bar)NBuna-N/LHMild Steel, Zinc-NickelXStandard PilotEEPDM/APStainless Steel, PassivatedVVitonStandard Material/Coating

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