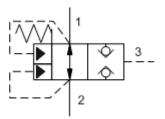


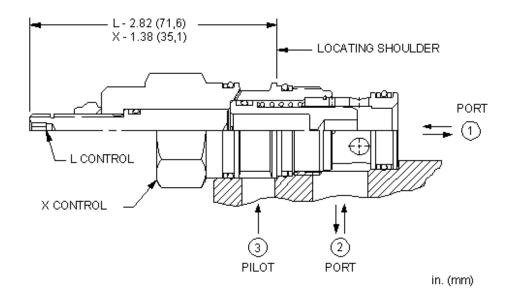
MODEL LOFO Pilot-to-close, spring-biased open, unbalanced poppet logic element

CAPACITY: 50 gpm / CAVITY: T-2A



sunhydraulics.com/model/LOFO





These unbalanced, pilot-to-close logic valves are 2-way switching elements that are spring biased open. Pressure at either work port 1 or 2 will tend to keep the valve open while pressure at port 3 will tend to close it. The force generated at port 3 must be greater than the sum of the forces acting at port 1 and port 2 plus the spring force for the valve to close. 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 NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

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: LOFOLXNV

CONTROL (L) SEAL MATERIAL (N) MATERIAL/COATING

L Stroke Adjustment	N Buna-N		Standard Material/Coating
X Not Adjustable	V Viton	/AP	Stainless Steel, Passivated

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