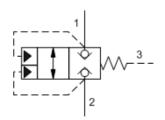
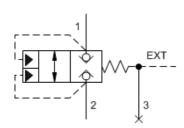
Pilot-to-close, spring biased closed, unbalanced poppet logic element SERIES 4 / CAPACITY: 760 L/min. / CAVITY: T-19A

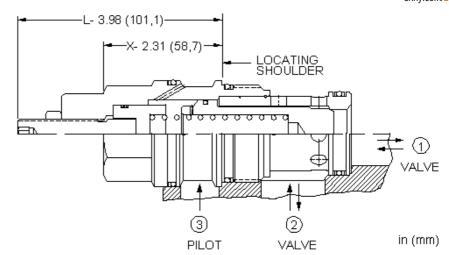


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sun hydraulics





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

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

Maximum Operating Pressure	350 bar	
Maximum Valve Leakage at 110 SUS (24 cSt)	0,7 cc/min.	
Pilot Volume Displacement	6,9 cc	
Pilot Passage into Valve	2,3 mm	
Area Ratio, A3 to A1	1.8:1	
Area Ratio, A3 to A2	2.25:1	
Seal kit - Cartridge	Buna: 990019007	
Seal kit - Cartridge	Polyurethane: 990019002	
Seal kit - Cartridge	Viton: 990019006	

CONFIGURATION OPTIONS

Model Code Example: LOJCXDN

CONTROL	(X) CRACKING PRESSURE	(D) SEAL MATERIAL	(N) MATERIAL/COATING
X Not Adjustable	D 50 psi (3,5 bar)	N Buna-N	Standard Material/Coating
•	<u> </u>	V Viton	/AP Stainless Steel, Passivated