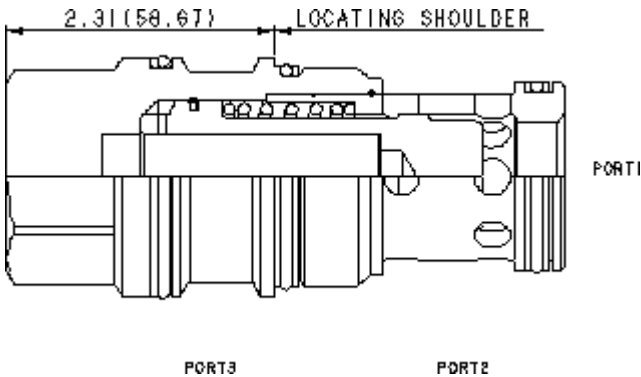


CONFIGURATION

X	Control	Not Adjustable
	Seal Material	
	Material/Coating	



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

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	.09 in.
Pilot Volume Displacement	.42 in ³
Seal kit - Cartridge	Buna: 990-019-007
Seal kit - Cartridge	EPDM: 990-019-014
Seal kit - Cartridge	Polyurethane: 990-019-002
Seal kit - Cartridge	Viton: 990-019-006

CONFIGURATION OPTIONS

Model Code Example: **LOJOXDN**

CONTROL	(X)	SEAL MATERIAL	(N)	MATERIAL/COATING	(/LH)
X	Not Adjustable	N	Buna-N	/LH	Mild Steel, Zinc-Nickel
		E	EPDM	/AP	Stainless Steel, Passivated
		V	Viton		Standard Material/Coating