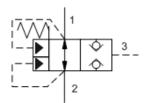
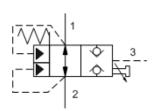


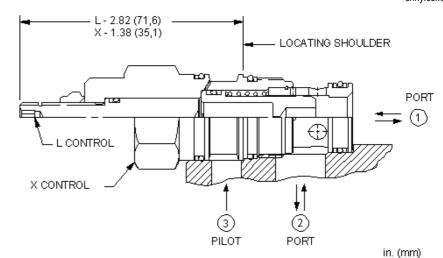




snhy.com/LOFO







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 | 350 bar | |
|---|-------------------------|--|
| Maximum Valve Leakage at 110 SUS (24 cSt) | 0,7 cc/min. | |
| Pilot Volume Displacement | 1,1 cc | |
| Pilot Passage into Valve | 0,9 mm | |
| Area Ratio, A3 to A1 | 1.8:1 | |
| Area Ratio, A3 to A2 | 2.25:1 | |
| Seal kit - Cartridge | Buna: 990202007 | |
| Seal kit - Cartridge | Polyurethane: 990002002 | |
| Seal kit - Cartridge | Viton: 990202006 | |

CONFIGURATION OPTIONS

Model Code Example: LOFOXDN

| CONTROL | (X) MINIMUM PILOT 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 |

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