



Bypass/restrictive modulating elements, when combined with an external orifice, create a bypass/restrictive flow control. Input flow (port 3) is directed to the priority or control flow at port 2. Once the priority requirements are met, excess flow is bypassed out port 4. The after-orifice signal is connected to port 1. The before-orifice design allows both pressure and flow to be controlled on the priority side of the circuit regardless of pressure in the bypass circuit. These valves work equally well in either closed or open center systems. Their main use is to allow after-market accessories to be driven off the host machine's hydraulic system without adding an additional pump.

TECHNICAL DATA

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

| | |
|----------------------------|-------------------------|
| Maximum Operating Pressure | 350 bar |
| Seal kit - Cartridge | Buna: 990031007 |
| Seal kit - Cartridge | Polyurethane: 990031002 |
| Seal kit - Cartridge | Viton: 990031006 |

CONFIGURATION OPTIONS

Model Code Example: LHDAXFN

| CONTROL | (X) | DIFFERENTIAL PRESSURE | (F) | SEAL MATERIAL | (N) |
|-------------------------|-----|--------------------------|-----|-----------------|-----|
| X Not Adjustable | | F 100 psi (7 bar) | | N Buna-N | |
| | | E 75 psi (5 bar) | | E EPDM | |
| | | | | V Viton | |