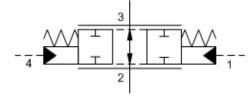
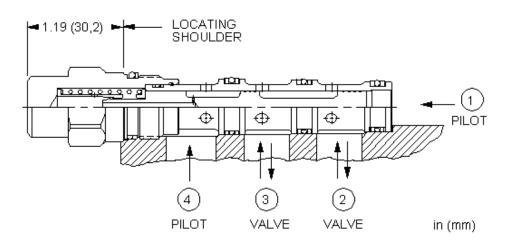


Normally open, bi-directional, modulating element CAPACITY: 15 gpm / CAVITY: T-31A



sunhydraulics.com/model/LHDT





These bi-directional, normally open, modulating elements used with an external orifice, create a bi-directional, pressure compensated flow control.

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

| Cavity | T-31A |
|----------------------------|---------------------------|
| Series | 1 |
| Capacity | 15 gpm |
| Maximum Operating Pressure | 5000 psi |
| Valve Hex Size | 7/8 in. |
| Valve Installation Torque | 30 - 35 lbf ft |
| Model Weight | .40 lb |
| Seal kit - Cartridge | Buna: 990-031-007 |
| Seal kit - Cartridge | EPDM: 990-031-014 |
| Seal kit - Cartridge | Polyurethane: 990-031-002 |
| Seal kit - Cartridge | Viton: 990-031-006 |

OPTION SELECTION EXAMPLE: LHDTXDFNV

| CONTROL | (X) | NOMINAL CONTROL PRESSURE | (D) | SEAL MATERIAL | (V) |
|------------------|-----|---------------------------|-----|---------------|-----|
| X Not Adjustable | | D 50 psi (3,5 bar) | | V Viton | |
| | | E 75 psi (5 bar) | | E EPDM | |
| | | F 100 psi (7 bar) | | N Buna-N | |

TECHNICAL FEATURES

- Cartridges configured with EPDM seals are for use in systems with phosphate ester fluids. Exposure to petroleum based fluids, greases and lubricants will damage the seals.
- All ports will accept 5000 psi (350 bar).
- Incorporates the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge machining variations.

PERFORMANCE CURVES

