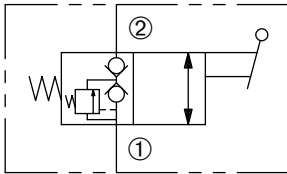


# DTV2-080

Normally Closed,  
Toggle-Operated Valve

## SERIES 8



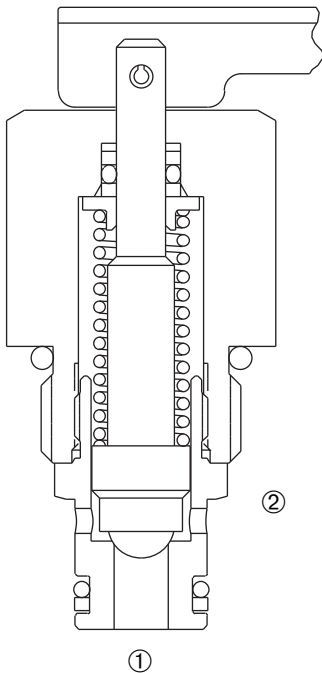
### DESCRIPTION

A toggle-operated cartridge valve designed with positive shut off to be used in load holding applications.

### OPERATION

The DTV2-080 blocks flow from ② to ①, or ① to ②. When the toggle handle is actuated, fluid flows from ② to ①, or ① to ②. The cartridge allows reverse flow from ① to ② after overcoming the spring force of 450 PSI (31 Bar).

The DTV2-080 can be actuated by pushing or pulling the toggle handle.



### FEATURES and BENEFITS

- Chrome alloy ball for long life.
- Push or pull actuator.
- Cannot over-center detent open (Safety purposes).
- Industry common cavity.
- Compact size.

### SPECIFICATIONS

**Operating Pressure:** 3000 PSI (207 Bar)

**Flow:** See PRESSURE DROP VS. FLOW graph.

**Internal Leakage:** 5 drops/min. max. at 3000 PSI (207 Bar)

**Temperature:** -30° F to +250° F (-35°C to +120° C)

**Recommended Filtration:** Critical Application-ISO 17/15/13

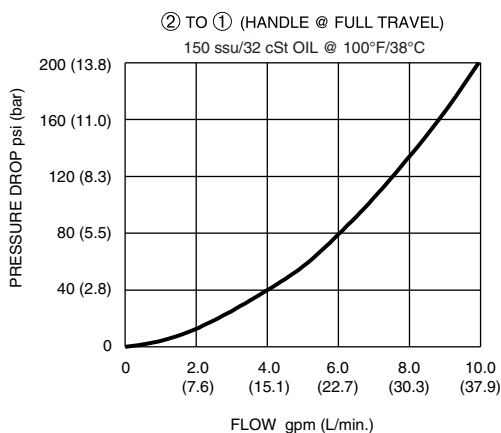
Non-Critical Application-ISO 20/18/14

**Fluids:** Mineral-based fluids. For other fluid compatibility consult factory.

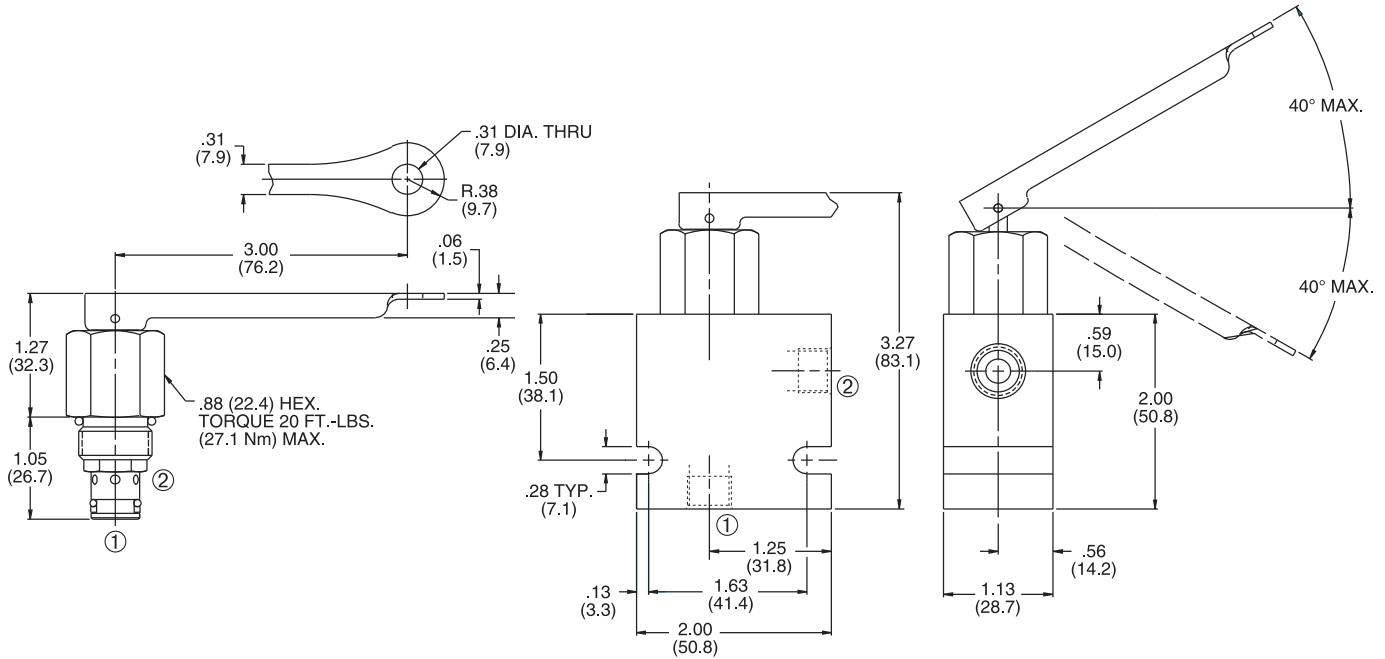
**Cavity/Cavity Tools:** [080-2](#), see [page 11.08.2](#)

**In-Line Body Material:** Anodized 6061T6 aluminum  
alloy rated at 3000 PSI (207 Bar).

### PRESSURE DROP VS. FLOW



**INSTALLATION DIMENSIONS**



( ) Parentheses = Millimeters

**HOW TO ORDER**

