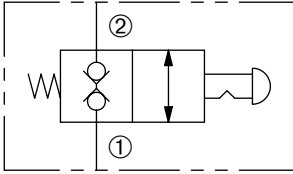


# DMO-080-2NCSP

Normally Closed, Bi-Directional  
Manual-Operated Valve



## SERIES 8



### DESCRIPTION

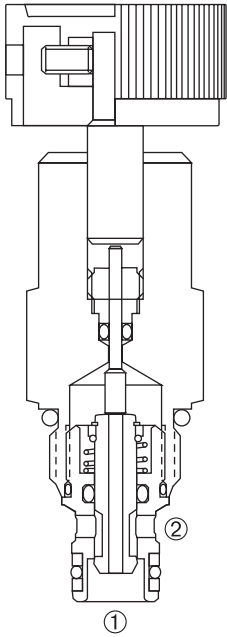
A manually-operated cartridge valve designed with positive shut off, low leakage and blocking in both directions, to be used in load holding applications.

### OPERATION

In the closed position flow is blocked in both directions.

Opening is achieved by pushing down on knob, turning in a counterclockwise direction and releasing into a detented open position allowing flow from either ① to ② or ② to ①.

To return to the normally closed position, push down on knob, turn clockwise and release.



### FEATURES and BENEFITS

- Hardened poppet and seat for long life and low leakage.
- Low leak valve available.
- Positive detent open.
- Industry common cavity.
- Compact size.

### SPECIFICATIONS

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

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

Nominal Flow 5 GPM (18.9 L/min).

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

Low leakage available-

Less than 2 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

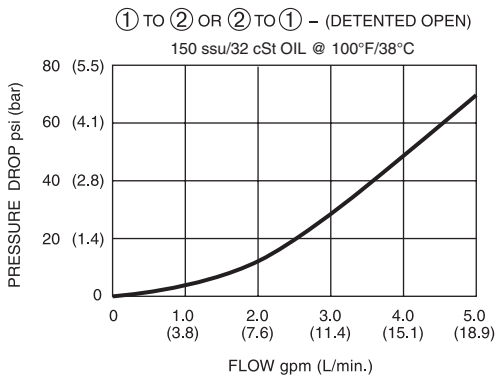
Non-Critical Application – ISO 20/18/14

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

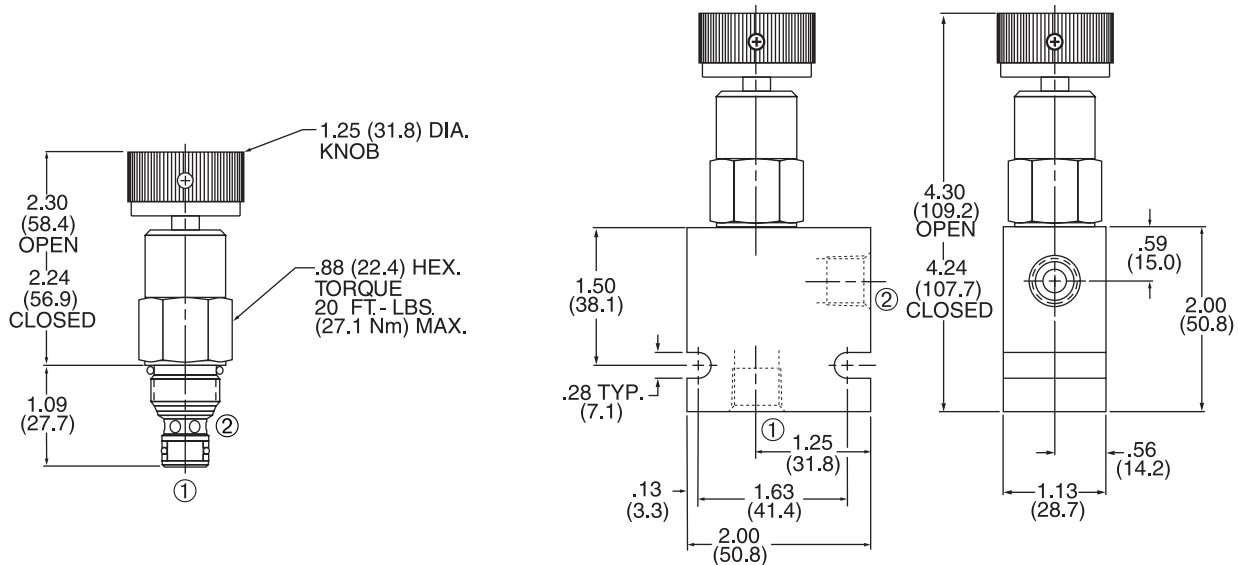
**Cavity/Cavity Tool:** 080-2, see page 11.08.2

**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

