

DMO-080

Normally-Closed, Bi-Directional Cartridge Manual-Operated Valve

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.

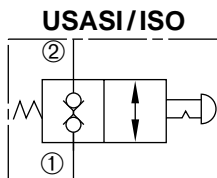
OPERATION

In the closed position flow is blocked in both directions.

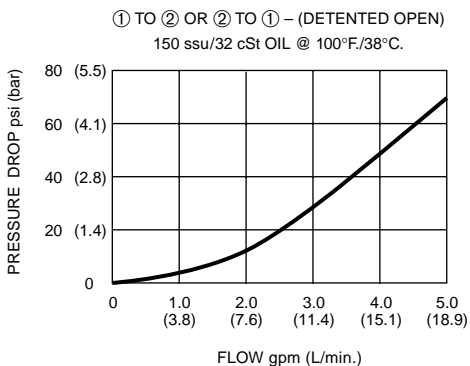
Opening is achieved by pushing down on knob, turning in a counter-clockwise direction and releasing into a detented open position allowing flow from either ① to ② or ② to ①.

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

SYMBOL



PRESSURE DROP VS. FLOW



FEATURES and BENEFITS

- Hardened poppet and seat for long life and low leakage.
- Zero 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.

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

Zero leakage available-

2 drops/min. max at 3000 PSI (207 Bar)

Actuation Force: 18 lbs. at 3000 PSI (207 bar)

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

Recommended Filtration: Critical Application-ISO 16/12

Non-Critical Application-ISO 19/15

Fluids: Mineral-based fluids.

For other fluid compatibility consult factory.

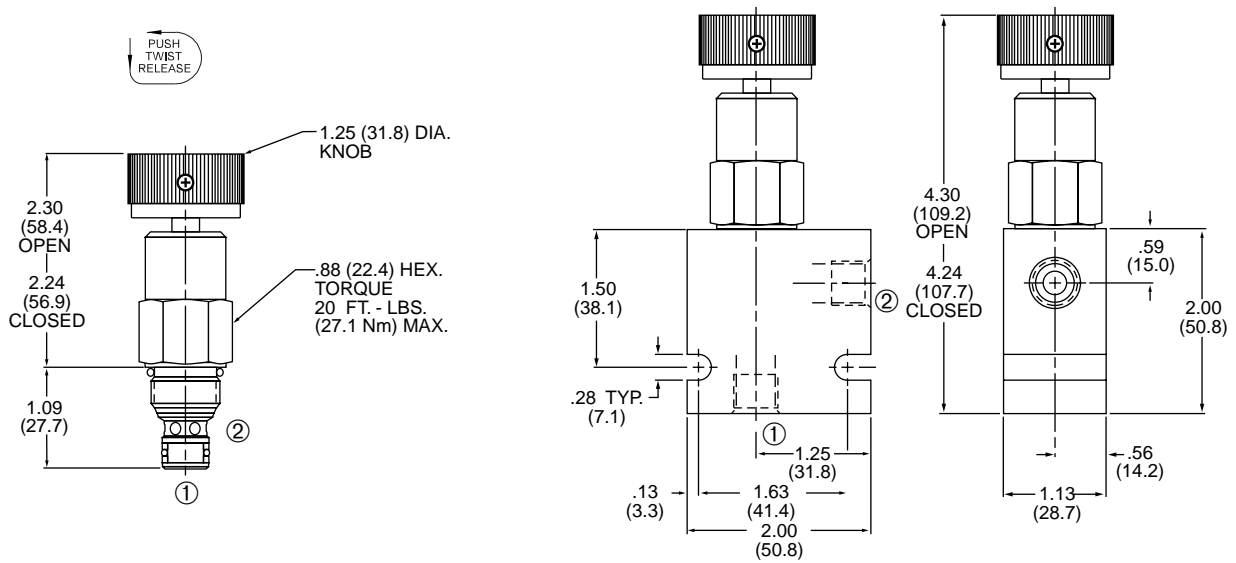
Cavity: 080-2, see page 0.20.

Cavity Tool: See page 0.20

Body Material: Anodized 6061T6 aluminum

alloy rated at 3000 PSI (207 Bar).

INSTALLATION DIMENSIONS



() Parentheses = Millimeters

HOW TO ORDER

