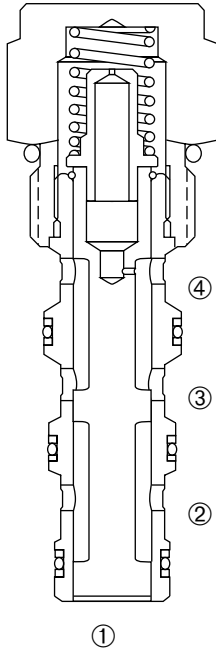


DPOD-100

Pilot-Operated, Three-Way, Two-Position, Cartridge Directional Control Valve



DESCRIPTION

A cartridge valve designed as a pilot-operated, three-way, two-position, spool-type, directional control valve.

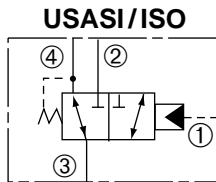
OPERATION

With no pilot signal at port ①, port ② is blocked and flow is allowed between ports ③ and ④. With the required pilot signal applied at port ①, the valve shifts to allow flow between ports ③ and ② while blocking flow at port ④.

The bias spring which is common to port ④ returns the spool to its original position when the pilot signal is removed.

Pressure at port ④ must be considered when determining the required pressure to shift.

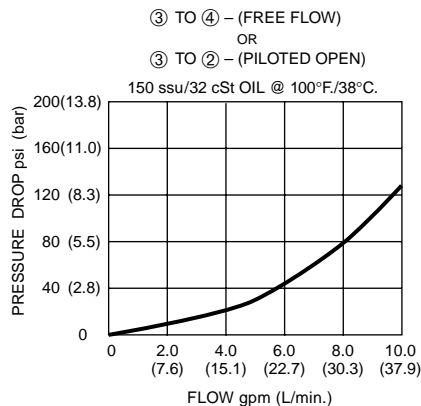
SYMBOL



FEATURES and BENEFITS

- Hardened spool and sleeve for long life and low leakage.
- Industry common cavity.
- Compact size.

PRESSURE DROP VS. FLOW



SPECIFICATIONS

Operating Pressure: 3000 PSI (207 Bar)

Flow: See PRESSURE DROP VS. FLOW graph.

Internal Leakage: 5 in³/min. (82cc/min.) max. at 3000 PSI (207 Bar)

Pilot Pressure: 125 PSI (8.6 Bar)

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

Recommended Filtration: ISO 16/12

Fluids: Mineral-based fluids.

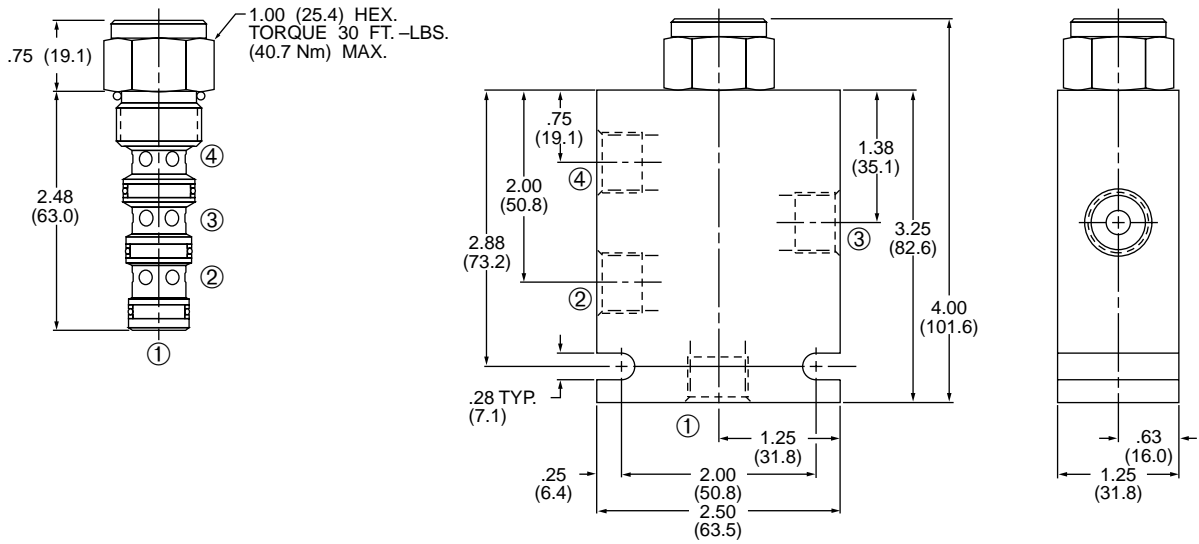
For other fluid compatibility consult factory.

Cavity: 100-4, see page 0.21.

Cavity Tools: See page 0.21.

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

INSTALLATION DIMENSIONS



() Parentheses = Millimeters

HOW TO ORDER

