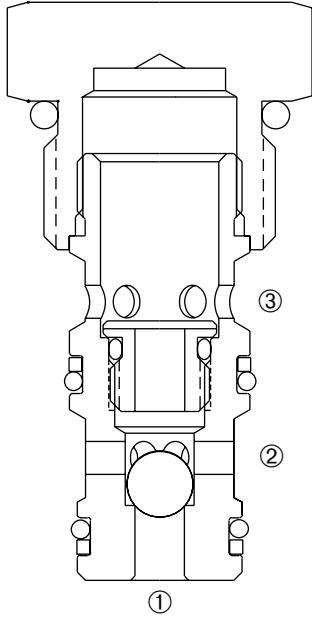


DSH-100

Ball Type, Cartridge Shuttle Valve



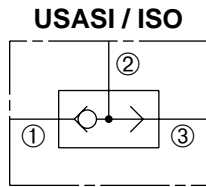
DESCRIPTION

A cartridge valve designed to direct flow from either of the two inlet ports to a common outlet port.

OPERATION

The DSH-100 allows the check ball to move away from inlet port ① or ③ with the greatest differential pressure and seat against the other inlet port having the least differential pressure providing a flow path to outlet port ②.

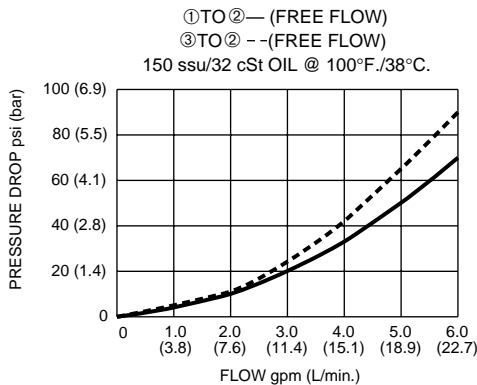
SYMBOL



FEATURES and BENEFITS

- Excellent response to pressure changes.
- Hardened working parts for long life.
- 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 drops/min. max. 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.

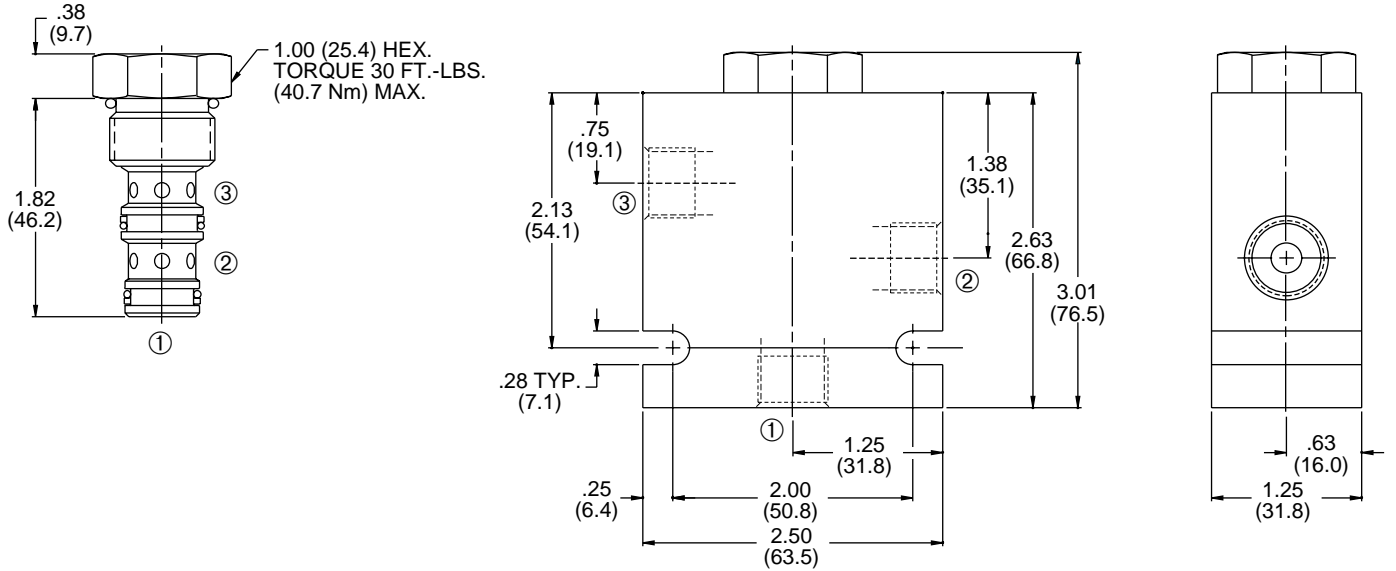
For other fluid compatibility, consult factory.

Cavity: 100-3, see page 0.21

Cavity Tool: See page 0.21

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

INSTALLATION DIMENSIONS



() Parentheses = Millimeters

HOW TO ORDER

