

TitanHP™

MHP9900-500-1

Injection Valve, 2 Position/6 Port

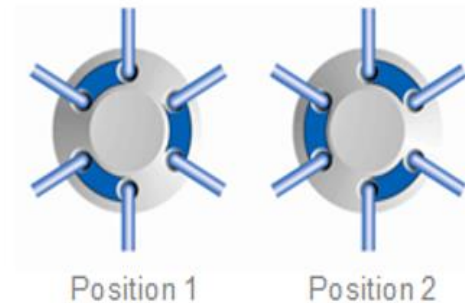
Description

The MHP9900-500-1 is a 2-position, 6-port motorized valve. This valve includes a circuit board. This board is referred to as the Motor Driver/Valve Controller Board and is programmed for 1-line level control. The design of this valve provides a small footprint.



Flow Diagram:

A schematic of the valve flow switching pattern is shown to the right. The numbered circles represent the ports in the valve stator and stator face assembly. The grooves represent the connecting passages in the rotor seal.



Specifications

- **Liquid Contacts:** PEEK
- **Connections:** Accepts 10-32 UNF-2B male fittings
- **Flow Passage Diameters:** Stator 0.3mm (0.012"), Stator Face Seal 0.23mm (0.009"), Rotor Seal 0.25mm (0.010")
- **Port-to-Port Volume:** 660nL
- **Operating Pressure:** Maximum pressure 345 bar (5,000 psi, 35 MPa)
- **Operating Humidity:** <95% humidity, non-condensing
- **Shipping and Storage Temperature:** Shipping, storing or operating this valve below 0°C with water in the fluid passages may cause failure of the sealing surfaces.
- **Regulatory Reach and RoHS Compliant:** Yes

Dimensional I Drawings

Dimensions are in inches [millimeters]

For Reference Only

