



TitanHP™

MHP9900-000

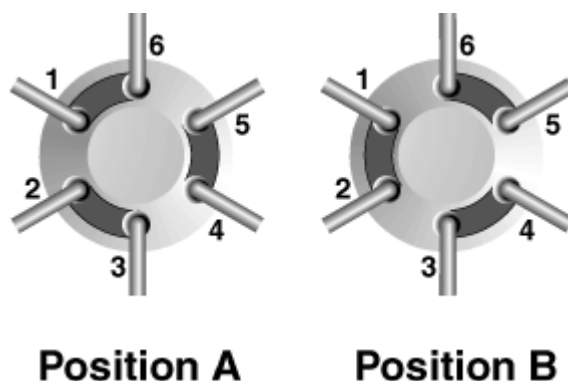
2-Position, 6-Port

Description

The MHP9900-000 is a PEEK 2-position, 6-port motorized valve. The design of this valve provides a small footprint.

Flow Diagram

A schematic of the valve flow switching pattern is shown below. 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

Port Size: Accepts 10-32 male threaded fittings

Flow Passage Diameters: *Stator-* 0.3-mm (0.012"), *Stator Face Seal-* 0.23-mm (0.009"), *Rotor Seal-* 0.25-mm (0.010").

Port to Port Volume: 660nL

Maximum Pressure: 35 MPa (345 bar, 5000 psi).

Motor: 5 ohm, spark-free, 7.5 degree stepper motor

Motor Power Requirements: 24 VDC \pm 5% at 1 Amp max

Motor Position Sensors: Optoelectric position sensors with encoder wheels

RoHS Compliant: Yes

NOTE: Shipping, storing or operating this valve below 0°C with water in the fluid passages may cause failure of the sealing surfaces.

Dimensional Drawings on page 2

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Dimensions are in inches/millimeters

