



# TitanHT™

## HT700-112 AND HT750-112

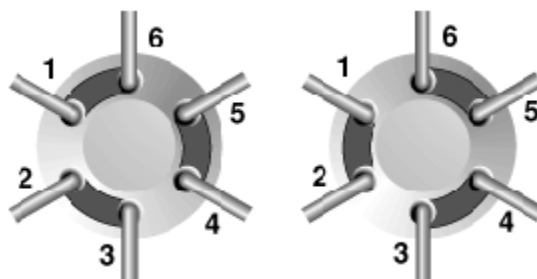
### 2-Position, 6-Port

#### *Description*

The HT700-112 is a stainless steel 2-position, 6-port motorized valve. The HT750-112 is the PEEK version of this valve.

#### *Flow Diagram*

The schematic of the flow-switching pattern of the valve is shown below. The numbered circles represent the ports in the valve stator and stator face assembly. The dark slots represent the connecting passages in the rotor seal.



**Position A**

**Position B**

#### *Specifications*

**Liquid Contacts:** *HT700-112* Stainless steel, PEEK. *HT750-112* PEEK.

**Port Size:** Accepts 10-32 male threaded fittings

**Flow Passage Diameters:** 1.0-mm (.040")

**Volume in Flow Passages:** *Stator-* (includes stator face assembly)- 4.9µL/hole,

*Rotor Seal-* 3.1µL/groove

**Maximum Pressure:** 21 MPa (207 bar, 3000 psi)

**Position Sensors:** Optoelectric position sensors with encoder wheels

**RoHS-Compliant:** Yes

**Electrical:** Consult factory

**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*

**HT700-112 AND HT750-112**

*Dimensions are in inches[millimeters]*

