

# P/N HT725-000

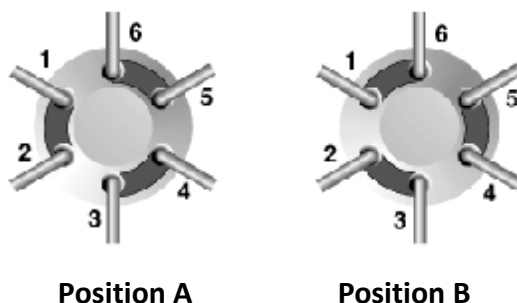
## 2-Position, 6-Port, 25,000 psi

### Description

The Rheodyne® HT725-000 is a 25,000 psi rated 2-position, 6-port motorized switching valve incorporating patent pending RPC-15 sealing technology for extended seal life at very high pressure.

### Flow Diagram

The flow switching pattern of the valve is shown below. The six circles represent the ports in the valve stator. The dark slots represent the connecting passages in the rotor seal. The valve rotates 60° between positions one and two.



### Specifications

**Liquid Contacts:** RPC-15

**Port Size:** Accepts 10-32 male threaded fittings, recommended for use with Upchurch P/N VHP-320 re-useable or VHP-200 swaging type fittings.

**Flow Passage Diameters:** 0.25mm (.010")

**Port to Port Volume:** 0.35µL

**Maximum Pressure:** 172 MPa (1724 bar, 25000 psi)

**RoHS Compliant:** Yes

**Operating Temperature:** valve and actuator: 4°C -50°C; valve pod only: 4° - 80°C

**Operating Humidity:** <95% humidity, non condensing

**Shipping and Storage Temperature:** -40°C- 80°C - Shipping, storing or operating this valve below 0°C with water in the fluid passages may cause failure of the sealing surfaces.

**Electrical:** Contact Factory

### Limited Warranty

Seller warrants to Buyer that each Product will be free of defects in workmanship and material for the period of 1 year. The warranty period for all Products commences on the date the Product is deposited by Seller with the carrier for shipment. For complete warranty details refer to IDEX Health & Science LLC Terms and Conditions of sale which can be found at <http://www.idex-hs.com/about/legal.aspx#terms>

## Dimensional Drawings

Dimensions are in inches [millimeters]

