

TitanHT™

HT718-000

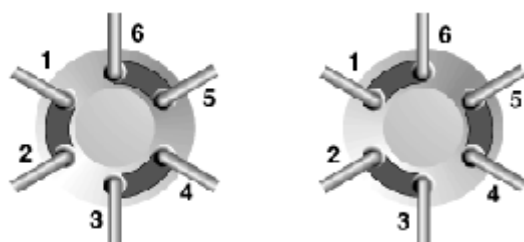
2-Position, 6-Port

Description

The HT718-000 is a SupraLife™ 2-position, 6-port motorized switching valve designed to operate at 1200 Bar.

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.



Position A

Position B

Specifications

Liquid Contacts: SupraLife

Connections: accepts 10-32 male threaded fittings

Flow Passage Diameters: **Stator:** 0.28-mm (0.011"), **Rotor Seal:** 0.3 mm (0.012")

Volume in Flow Passages: **Stator:** 0.1 µL/hole, **Rotor Seal:** 0.1 uL/groove

Operating Pressure: 1200 Bar (120 MPa, 17405 psi)

Maximum Operating Temperature: Actuator 60°C, Pod 90°C

Position Sensors: Optoelectric position sensors with encoder wheels

RoHS-Compliant: Yes

Electrical: Consult factory

Separate Sale:

PCBA P/N: Contact Factory

Rotor Seal P/N: 7124-056

Stator P/N: 7123-547

Ring Bearing P/N: 7010-006

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

Dimensional Drawing

Dimensions are in inches/millimeters

