



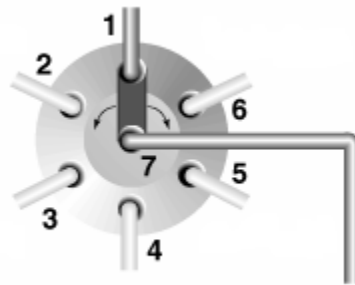
TitanHT™ HT706-100 6-position, 7-port

Description

The HT706-100 is an Ultralife™ 6-position, 7-port motorized switching valve.

Flow Diagram

The flow switching pattern of the valve is shown below. The six circles represent the ports in the valve stator. The dark slot represents the connecting passage in the rotor seal. .



Specifications

Liquid Contacts: Ultralife

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

Maximum Pressure: 3,000 psi (21 MPa, 270 bar)

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
HT706-100

Dimensions are in inches [millimeters]

