



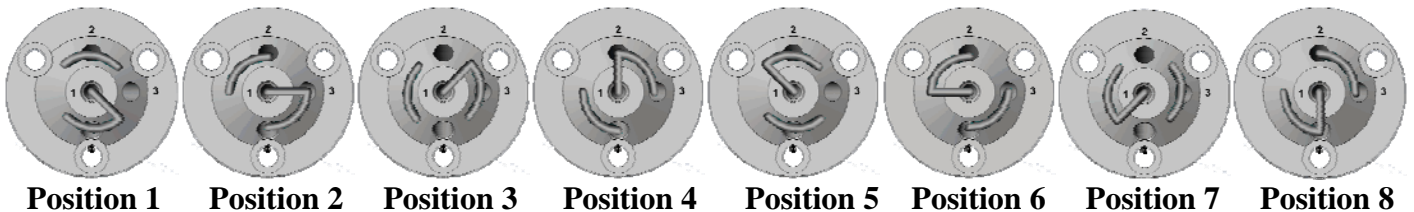
TitanHT™ HT704-100 8-position, 4-port

Description

The HT704-100 is an Ultralife™ 8-position, 4-port motorized diverter valve.

Flow Diagram

The flow switching pattern of the valve is shown below. Please note that this is a representation of the flow path and may not show the true position of the ports and grooves.



Note that positions 3 and 7 are generally not used

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/ small groove, 0.2uL/longer 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

HT704-100

Dimensions are in inches [millimeters]

