

TitanHT™

HT700-114

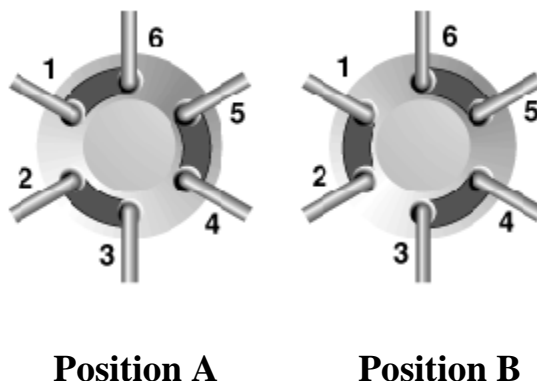
2-Position, 6-Port

Description

The HT700-114 is a coated stainless steel with PEEK 2-position, 6-port motorized 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.



Specifications

Liquid Contacts: SPC-1 coated stainless steel and PEEK

Port Size: Accepts 10-32 male threaded fittings

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

Volume in Flow Passages: *Stator* - 1.3µL/hole

Rotor Seal- 3.1µL/groove

Port-to-Port Volume (2 Stator Passages + Rotor) – 5.7 uL

Maximum Pressure: 41 MPa, (414 bar, 6000 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

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Dimensions are in inches[millimeters]

