

TitanHT™

HT700-107 & HT750-107

10-Position, 11-Port

Description

The HT700-107 is a stainless steel 10-position, 11-port motorized selection valve. The HT750-107 is the PEEK version.

Flow Diagram

The flow switching pattern of the valve is shown below. The small circles represent the ports in the valve stator and stator face assembly. The connecting passage in the rotor seal is shown as the dark groove. Please note that this is a representation of the flow path and may not show the true position of the ports and groove.



Specifications

Liquid Contacts: *HT700-107*, Stainless steel and PEEK. *HT750-107*, PEEK.

Port Size: Accepts 10-32 male threaded fittings

Flow Passage Diameters: 0.6-mm (.024") and 0.5-mm (.018")

Volume in Flow Passages: *Stator* (includes stator face assembly)-1.4µL/hole,

Rotor Seal-0.4µL/groove

Maximum Pressure: 35 MPa (345 bar, 5000 psi)

Position Sensors: Optoelectric position sensors with encoder wheels.

RoHS-Compliant: Yes

Electrical: Consult factory

Separate Sale PCA PN: 8382-102

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

HT700-107 and HT750-107 **Dimensions are in inches[millimeters]**

