

Rapid Replacement Pod™

PD600-100 8-Position, 17-Port

Description

The PD600-100 is a 8-position, 17-port Rapid Replacement Pod for the TitanHT™ stream selector with a stainless steel stator. There are 7 positions off-line from the common (center) port. There is continuous flow going into and out of these corresponding 14 ports. The port in-line with the common port has flow going into the port and then out the common port. When the Pod is switched one position, the common port will be in-line with the next port.

Flow Diagram

A schematic of the flow switching pattern of the Pod is shown below. The small circles represent the ports in the Pod stator and stator face assembly. The connecting passages in the rotor seal are shown as oblong shapes. Port 1 is shown in-line with the common port.



Specifications

- › **Liquid Contacts:** Stainless steel, Kel-F, and UHMWPE
- › **Port Size:** Accepts 1/4-28 male threaded fittings.
- › **Flow Passage Diameters:** 1.5-mm (.060-inch).
- › **Volume in Flow Passages:** *Stator*- (includes stator face assembly)-23.4- μ L/hole (center port), 27.8- μ L/hole (90° port), 24.9- μ L/hole (35° port)
- › **Rotor Seal** –10.1- μ L (center groove), 8.4- μ L (outside grooves)
- › **Maximum Pressure:** 0.69 MPa, 6.9 bar, 100psi.
- › **RoHS Compliant:** Yes

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 [millimeter]

