

Furon[®] HPVM Valve (Mini)

Pneumatically Actuated, 2-Way Valve (1/8" Orifice)

Description

Furon HPVM valves are compact and robust and offer superior performance and reliability in applications involving aggressive chemistries.

Furon HPVM valve construction is based on Saint-Gobain's industry-proven design but specifically geared to reduce liquid entrapment and improve clean up time. Featuring a compact footprint and a large variety of connection styles, Furon HPVM valves can easily be integrated into installations where space is at a premium.

Applications

Engineered to improve clean up time and minimize liquid entrapment, Furon HPVM valves are ideal for use in the semiconductor industry or applications that require the use of high purity and/or superior chemicals.



Features and Benefits

- Pressure rated up to 80 PSIG
- True 1/8" orifice valve
- Visual position indicator with option for optic fiber sensor
- Lowest internal volume in the industry for a 1/8" valve
- Optimum Cv
- HPVM valves with an 1/8" orifice design have been tested for more than 1 million cycles

ASK AN ENGINEER

Furon HPVM Valve (Mini) - Pneumatically Actuated, 2-Way

Part Number	Actuation	End Connection	Orifice (in)	Port Size (in)
HPVM2-S30022-NC	Normally Closed	Nippon Pillar Super 300®	1/8	1/8
HPVM2-S30022-NO	Normally Open	Nippon Pillar Super 300®	1/8	1/8

Product Specification

Connection S300

Actuation Pneumatic NC

Pressure rating

- Pilot pressure 65-80 psig (4.5 to 5.5 bar)
- Liquid pressure
- Forward pressure 100 psig (6.9 bar)
- Back pressure 80 psig (5.5 bar)

Temperature rating

- Ambient: 32°F to 140°F (0°C to 60°C)
- Media: 32°F to 203°F (0°C to 95°C)

[Please consult factory](#) for higher temperature >>

Orifice size 1/8" (True)

Cv performance 0.06

Options [\(Please consult factory for details >>\)](#)

Additional end connections available:

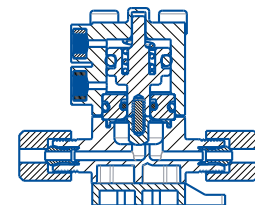
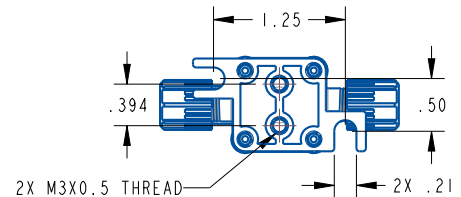
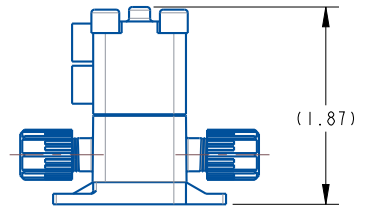
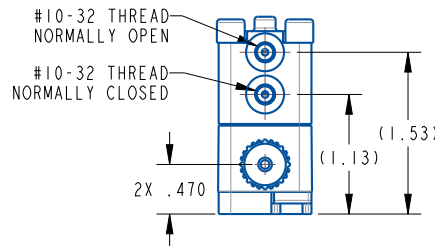
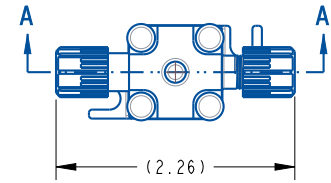
- FNPT
- Grab Seal™
- Custom Manifold

Additional Furon HPVM & HPV Valves

Furon HPVM Valve (Mini) - Manually Actuated, 2-Way Multi-Turn

Furon HPVM Valve (Mini) - Manually Actuated, 2-Way Toggle

Furon HPV Valve (Mini) - Pneumatically Actuated, 3-Way



SECTION A-A



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NOTE: The data and details given in this document are correct and up to date. This document is intended to provide information about the product and possible applications. This document is not the product specification and does not provide specific features, nor does it guarantee product performance in specific applications. Saint-Gobain cannot anticipate or control the conditions of the field and for this reason strongly recommends that practical tests are conducted to ensure that the product meets the requirements of a specific application.

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IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics products for all intended uses and that the components to be used comply with all applicable regulatory requirements. Saint-Gobain Performance Plastics assumes no responsibility for any product failures that occur due to misuse arising out of the design, fabrication or application of the products into which they are incorporated.

WARRANTY: If Product is Purchased by Customer for use: Saint-Gobain warranties that the Product Specifications is for a period of 18 months, provided Customer can establish that the Product did not conform to Specification at time of delivery and the non-conformance of the Product to Specification has not been caused as a result of any action or inaction by the Customer or Customer's storage conditions. If Product is Purchased by Distributor or Reseller: Saint-Gobain warranties that the Product Specifications for a period of 18 months, provided Distributor can establish that the Product did not conform to Specification at time of delivery and the non-conformance of the Product to Specification has not been caused as a result of any action or inaction by the Distributor/Reseller or its or because of storage conditions under which the Product is stored at Distributor/Reseller's and/or Customer/End User's storage facility. THIS IS THE EXCLUSIVE WARRANTY AND IS EXPRESSLY IN LIEU OF ANY AND ALL OTHER OBLIGATIONS, GUARANTEES, WARRANTIES AND REPRESENTATIONS. SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.