



FURON[®] HPV (MINI) VALVE

3 WAY PNEUMATIC
1/8" ORIFICE

Furon HPV Mini Valves are compact, robust and offer superior performance and reliability in applications involving aggressive chemistries.

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

APPLICATIONS

Furon HPV Mini 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" (3.17 mm) orifice valve
- Lowest internal volume in the industry for a 1/8" valve
- Optimum Cv
- HPV valves have been tested for more than 1 million cycles

Furon® HPV (Mini) Valve

SPECIFICATIONS

Description	End Connection Type	Orifice		End Connection Size	
		in	mm	in	mm
HPV3-S30022	Nippon Pillar Super 300®	1/8	3.17	1/8	3.17

OPTIONS

Additional end connections available:

- FNPT
- Grab Seal™
- Custom Manifold

[Please contact us](#) for details

TECHNICAL SPECIFICATIONS

Liquid Operating Pressure	100 psig (6.9 bar)
Liquid Back Pressure	80 psig (5.5 bar)
Pilot Pressure	65-80 psig (4.5 to 5.5 bar)
C _v Flow Factor	0.06
Max. Operating Temperature	Ambient: 32°F to 158°F (0°C to 70°C) Media: 32°F to 203°F (0°C to 95°C)

ADDITIONAL SPECIFICATIONS

Connection Nippon Pillar Super 300

Actuation Pneumatic NC

[Please contact us](#) for higher temperature

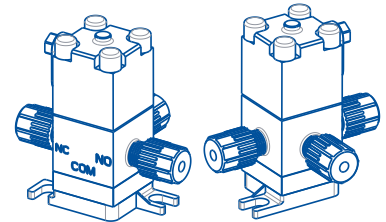
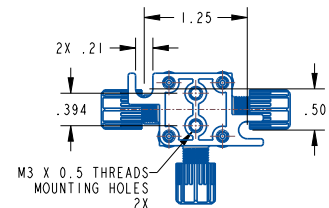
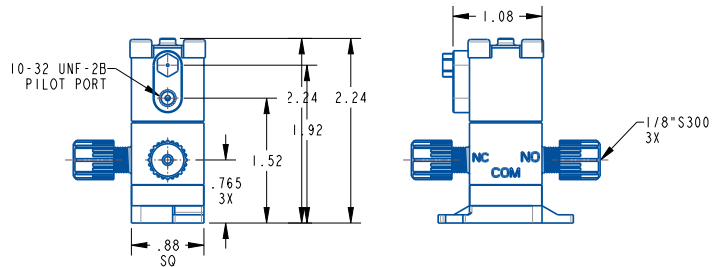
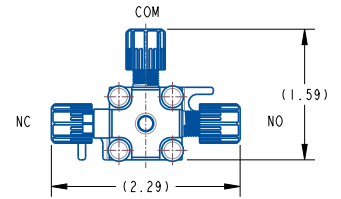
True Orifice size 1/8"

ADDITIONAL FURON HPVM VALVES

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

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

Furon HPVM Valve (Mini) - Pneumatically Actuated, 2-Way NC & NO



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NOTE: This document is intended to provide information about the product to enable you to consider whether generally the Product meets your application need and is not intended to provide product specification. This document should not be considered a Product warranty or guaranty. To the extent this document mentions any tests done by Saint-Gobain, such tests are done under controlled laboratory circumstances and hence other factors in your use and application may impact such values. Saint-Gobain strongly recommends that you conduct practical tests simulating the conditions of your application to ensure that the product meets your requirements for your specific application

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WARRANTY: Saint-Gobain warranties that the Product will meet specifications at the time of delivery and honor such warranty claims for a period of 18 months after delivery. In the event that you are a distributor purchasing Saint-Gobain Product, any change to specification while in your control as a result of storage conditions or otherwise may cause the above warranty to be voided. THIS IS THE EXCLUSIVE WARRANTY AND IS EXPRESSLY IN LIEU OF ANY AND ALL OTHER OBLIGATIONS, GUARANTEES, WARRANTIES AND REPRESENTATIONS. SAINT-GOBAIN DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.