



High Temperature Air Operated Valve
高温空气阀
2-way diaphragm valve 2-way 隔膜阀
Size : 1/4" 尺寸: 1/4"

FVHT 2020

Specifications 사양

Orifice size	6 Ø
Connection size	1/4"
OP.Temp	180°C Max
OP.Press(ordinary)	0 ~ 0.3 MPa
OP.Press(reverse)	0 ~ 0.2 MPa
Air Press	0.2 ~ 0.3 MPa
Cv	0.35
Weight	110 g

1) : For hydrofluoric acid or chemicals containing hydrofluoric acid, use the temperature below 80 degrees Celsius.

Part name	Material
	Max 180 °C
Body	PFA
Diaphragm	TFM
Upper Cover	PPS
Actuator	PPS
Mounting Plate	SUS304, SUS304(Teflon coating)

General 개요

This is diaphragm valve as from 1/4" and this durable valve is tested up to 10million cycling times. Since wetted parts are constructed anticorrosive PFA, suitable for DI water or chemical process line.

이 valve는 1/4" Tube size의 Diaphragm valve입니다. 우수한 내구성의 이 Valve는 1000만 Cycle test를 거쳤습니다. 접액부는 우수한 내화학성의 PFA로 만들어져 DI water 및 Chemical 공정에 적합한 제품입니다.

这是1/4" Tube size 的 Diaphragm valve，这款Valve耐用极佳经过长达1000万次的循环测试。连接液体部分由耐化学性良好的PFA制成，是适用于 DI water及 Chemical工艺的产品。

Features 특징

- Wetted parts is made of PFA
- PTFE diaphragm tested to more than a 10million cycles
- Sleeve insert tube, Flare, PT female connection
- NC, NO, Double Acting by air
- Indicator for movement's confirmation, flow control function
- Particle free, none ion contamination
- PFA 재질로 구성
- 1000만 cycle test를 거친 PTFE diaphragm
- 큰 orifice 구조로 원활한 유체 유동과 적은 압력 손실
- Sleeve insert tube, Flare, PT female connection
- Air 구동의 NC, NO, Double Acting
- 동작 확인용 indicator, 유량 조절 기능 부착
- Particle free, none ion contamination
- 由PFA材质构成
- 经过1000万次 cycle test 的PTFE diaphragm
- 用大orifice结构，流体流动顺畅及压力损失小
- Sleeve insert tube, Flare, PT female connection
- Air 驱动的 NC, NO, Double Acting
- 安装确认动作的indicator、流量调节功能
- Particle free, none ion contamination

Applications 사용 분야

- Semiconductor and LCD wet equipment
- Using to control the little flow of coater or developer equipment
- Using to control the little flow of wet spin process equipment
- Chemical supply unit of little capacity
- Microbe, biochemistry and medical fields
- 반도체 및 LCD wet 장비
- Coater, Developer 장비의 소유량 제어용
- Wet spin process 장비의 소유량 제어용
- 소용량 Chemical supply unit
- 미생물 생화학 의약 분야

- 半导体和 LCD wet 设备
- 用于控制 Coater, Developer 设备的小流量
- 用于控制 Wet spin process 设备的小流量
- 小容量 Chemical supply unit
- 微生物、生化学的医药领域

Ordering Information 주문 방법

FVAT 2020 ☐ ☐ ☐ - ☐ ☐ ☐ - ☐ - ☐ - ☐ - ☐ ☐ ☐
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

① Body	② Upper Cover	③ Actuator	④ Operating	⑤ Connection	⑥ Option
T : PFA	S : PPS	S : PPS	C : Normal Close O : Normal Open	2 : 1/4" Z : Z Fitting	0 : No Option 1 : Indicator 2 : Flow Control

⑦ O - Ring	⑧ Air Port Direction	⑨ Plate Material	⑩ Base Plate Type	⑪ Diaphragm
V : FKM (VITON) E : EPDM F : ETP K : FFKM	1 2 3 4 	S : SUS304 ST : SUS304(Teflon Coating)	A : A Type Plate B : B Type Plate C : C Type Plate	T : TFM

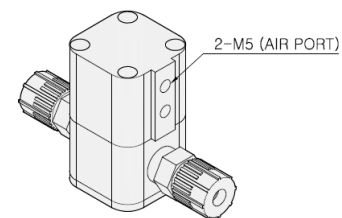
Dimension 크기

설계치수는 영업부에 문의 또는 승인도를 요청 바랍니다. 상기 치수는 변경될 수 있습니다.

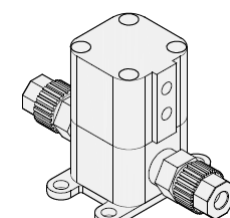
For exact size of each item, Please contact Sales Dept. Above-mentioned dimensions are changeable.

设计尺寸请咨询营业部或请求确认。上述尺寸可能会变更。

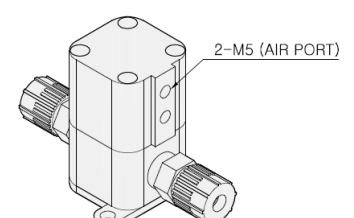
Base Plate Type (mm) 바닥 Plate



A Type Plate



B Type Plate



C Type Plate

