



## High Temperature Air Operated Valve

高温气控阀  
2-way diaphragm valve 2-way 隔膜阀  
Size : 1" 尺寸: 1"

# FVHT 2160

### Specifications 사양

Orifice size	Ø 21
Connection size	1"
Fluid Temperature	180°C Max
OP.Pressure(ordinary)	0 ~ 0.3 MPa
OP.Pressure(reverse)	0 ~ 0.3 MPa
Air Pressure	0.4 ~ 0.6 MPa
Cv	8.188
Weight	706g

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	PPS

### General 개요

This is compact diaphragm valve as from 1" 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" 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" Tube size的Diaphragm Valve, 这款Valve耐用极佳经过长达1000万次的循环测试。接液体部分由耐化学性好的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
- 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
- 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, 压力损失小
- Sleeve insert tube
- Air马动的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

### How to order 주문 방법

FVHT 2160 □ □ - □ □ □ - □ - □ - □  
① ② ③ ④ ⑤ ⑥ ⑦

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

⑥ O - Ring	⑦ Air Port Direction	Plate Material	Base Plate Type	Diaphragm
V : FKM (VITON) F : ETP K : FFKM	1 2 3 4	S : PPS	B : B Plate Type	T : TFM

### Dimension 크기

설계 치수는 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.  
图纸尺寸和设计会根据规格有所改变.

