



Air operated Valve

Compact size 2-way diaphragm valve
Size : 3/4"

FVAT 2150

Specifications 사양

| | | |
|--------------------|---------------|---------------|
| Orifice size | Ø 16 | |
| Connection size | 3/4" | |
| OP.Temp | 5 ~ 80 °C | 5 ~ 120°C 1) |
| OP.Press(ordinary) | 0 ~ 0.5 MPa | 0 ~ 0.3 MPa |
| OP.Press(reverse) | 0 ~ 0.3 MPa | 0 ~ 0.2 MPa |
| Air Press | 0.5 ~ 0.6 MPa | 0.5 ~ 0.6 MPa |
| Cv | 5.934 | |
| Weight | 510 g | |

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

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 소용량 제어용
- Wet spin process 장비의 소용량 제어용
- 소용량 Chemical supply unit
- 미생물 생화학 의학 분야

General 개요

This is compact diaphragm valve as from 3/4" 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 3/4" Tube size의 중형 Diaphragm valve입니다. 우수한 내구성의 이 Valve는 1000만 Cycle test를 거쳤습니다. 접액부는 우수한 내화학성의 PFA로 만들어져 DI water 및 Chemical 공정에 적합한 제품입니다.

Features 특징

- Wetted parts is made of PFA
- PTFE diaphragm tested to more than a 10million cycles
- 3/4" size connection
- Sleeve insert tube
- NC, NO, Double Acting by air
- Indicator for movement's confirmation, flow control function
- Particle free, none ion contamination
- Ultrasonic washing by DI water & vacuum packing
- PFA 재질로 구성
- 1000만 cycle test를 거친 PTFE diaphragm
- 큰 orifice 구조로 원활한 유체 유동과 적은 압력 손실
- 3/4" size connection
- Sleeve insert tube
- Air 구동의 NC, NO, Double Acting
- 동작 확인용 indicator, 유량 조절 기능 부착
- Particle free, none ion contamination
- Degreasing, DI water로 초음파 세정 및 진공포장

| Part name | Material | |
|----------------|----------|--------|
| | 80 °C | 120 °C |
| Body | PFA | |
| Diaphragm | TFM | TFM |
| Upper Cover | PP | PPS |
| Actuator | PP, PPS | PPS |
| Mounting Plate | PPS | |

How to order 주문 방법

FVAT 2150 □ □ - □ □ □ - □ - □ - □ - □
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

| ① Upper Cover | ② Actuator | ③ Operating | ④ Connection | ⑤ Option |
|---|---|--|-----------------------|--|
| S(Standard): PPS(120°C) V : PVDF(Ozone) E: PP(80°C) | S(Standard): PPS(120°C) V : PVDF(Ozone) E: PP(80°C) | C : Normal Close O : Normal Open D : Double Acting | 5: 3/4" Z : Z Fitting | 0 : No Option 1 : Indicator 2 : Flow Control 3 : By-pass (Body : PTFE) 4 : Flow control + By-pass (Body: PTFE) |
| | | | | Transistor Cable direction |
| | | | | 3 Sensor NPN Cable length : 2m Operating port side |
| | | | | 4 Sensor PNP Cable length : 2m Opposite side to operating port |
| ⑥ O - Ring | ⑦ Air Port Direction | ⑧ Plate Material | Base Plate Type | Diaphragm |
| V : FKM (VITON) F : ETP K : FFKM | 1 2 3 4 | S(Standard): PPS E : PP | B : B 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.

