



Stainless Steel Tri Clamp Diaphragm Valve Sanitary Grade With Pneumatic Actuator

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: OEM
- Certification: GMP, ASME BPE, 3A, CE
- Model Number: CX-SDV-03
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Plywood Cases
- Delivery Time: 15-60 Days
- Payment Terms: L/C, T/T
- Supply Ability: Based On Order



Product Specification

- Stainless Steel: Hygienic Grade 1.4435 / 316L
- Driving Mode: Plastic Case Pneumatic Actuator
- Connection Ends: Weld, Flange Or Tri Clamp
- Port Size: DN25 - DN100, 1" - 4"
- Surface Toughness: Inside Ra<0.5μm
- Application: Especially For Pharmaceutical, WFI, Biotechnology Industries
- Highlight: **pharmaceutical diaphragm valve**



More Images



Product Description

Sanitary Stainless Steel Casting Tri-Clamp Diaphragm Valve with Pneumatic Actuator

Diaphragm valves: Manual or air actuated, are specially designed for hygienic and asepsis processes in pharmacy industry. This valve is excellent for controlling as well as on/off fluid.

Diaphragm seals the valve body and seat. There is no way to contact the environment. So this valve is suitable for asepsis process. When the valve is off, the pressure seal that holding up diaphragm moves towards the sealing face of valve body. When the pressure plate moves, the diaphragm bending, forced towards to seat area of body center. So that to shut off the flow path to valve body. The relevant of valve body and pressure plate prevents the diaphragm pressing. The valve can be manual and air actuated, also can be operated by control top and solenoid valve.

Quick Details:

Driven by strong and long lifetime plastic case pneumatic actuator
Operation mode can be spring return or double acting in NO or NC
Pneumatic driving mode to ensure efficient operation and more accurate flow control
Diaphragm structure protects valve from corrosion by separating medium and valve chamber
Connection ends can be tri clamp or butt weld
Highly hygienic grade applicable for pharmaceutical, WFI, food and fine chemical pipelines

How do we control the quality of machining

1. High-precision CNC lathe processing parts.
2. Advanced Milling Machines
3. UT Inspection to ensure welding quality
4. Weld Polishing
5. 100% Appearance & Size Inspection online (thickness, roundness, etc.)
6. Size & Appearance Shaping

Optional actuator control units:

We have several kinds of automation control units for your choice, listed as below:

1. Electronic positioner,
2. Limit switch
3. Solenoid valve
4. Fast Feedback Switch



Specifications:

Product Name:	Stainless steel 316L pneumatic diaphragm valve with intelligent controller for regulating valve
Valve Body Material:	304, 1.4404/316L
Seal Material:	Single silicone gasket/ Adhesive PTFE+EPDM/Two pieces PTFE+EPDM
Max Working Pressure:	4.5bar to 8 Bar (depending on diaphragm)
Max. Working Temperature:	-30 degree c to 150 degree c
Available size:	1"-4", DN25-DN100
Available connection:	Clamp/weld/thread/flange
Available standard:	3A/BPE/DIN/ISO/IDF
Operated:	Manual, Pneumatic
Available structure:	Straight, tee, U-type, tank bottom
Control:	Smart valve positioner / C-TOP control / position sensor
Certificate:	3A/54-02 (1580), PED/97/23/EC, FDA.177.2600
Applicable industry:	For industries such as beverage, etc.
Structure:	Could be installed with sensor.
Packaging Details:	Bubble pack for each valve. Outside packing are carton or plywood cases. Or as per the request of customers.
Delivery details:	Usually within 20 days after receiving T/T down payment.



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