



SS 304 316L Sanitary Diaphragm Valve Multi Port Welding Type For Biotechnology Industry

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-15
- 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: 1.4435 / 316L Highly Hygienic Grade
- Optional Control Part: Can Add Extra Intelligent Automation Control Unit
- Driving Mode: By Stainless Steel Pneumatic Actuator
- Port Size: DN250 - DN100, 1" - 4"
- Surface Finish: Inside Ra<0.5μm
- Application: Especially For Pharmaceutical, WFI, Biotechnology Industries
- Highlight: **diaphragm flow control valve**



More Images



Product Description

Sanitary Stainless Steel 304 316L Multi Port Welding type Diaphragm Valve

OPERATING PRINCIPLES

The diaphragm provides the body seal as well as the seat seal. There are no paths to the outside environment so it suitable for aseptic processes. When the valve is closed a pressure pad which supports the diaphragm moves towards the sealing face on the body. When the pressure plate moves the diaphragm flexes and is forced down onto the seat area in the centre of the body, thus, closing off the flow path through the body. The inter relationship of body to the pressure plate prevents over compression of the diaphragm. The valve can be manual operation and pneumatic operation control tops of solenoid valves.

Specification:

Size	1"-4", DN25-DN100
Material	Forging body: 1.4404/ 316L/ASME BPE 316L/ 1.4435 BN2 Fe≤0.5 Casting body: 1.4404/316L/ ASTM A351 CF3M
Max. temperature	-30 °C to 150 °C (depending on diaphragm) (stainless steel wheel) -30 °C to 130 °C (depending on diaphragm) (plastic wheel)
Max. pressure	10 bar
Connection design	welding, clamp, flange, thread, DIN 11864 aseptic flange, clamp, thread
Body structure	T type-Tee, L type-Tee, U type-Tee, multiport, tank bottom valve and various body structures
Operation way	Manual: plastic and stainless steel handwheel Pneumatic: plastic box stainless steel pneumatic actuator, multifunctional pneumatic actuator. Control: IL-TOP intelligent positioner, C-TOP intelligent control unit, FKQ-TOP, position feedback device, intelligent electric actuator, manual flow regulator
Long life design	Below 2 bar, maximum life of 800 million times.
Application scope	dairy, food, beverage, water processing, wine fine chemicals, pharmaceutical industries etc.
Certificate	FDA, USP, 3A, EN, CE
Packaging details	standard exporting package or as per the request of customers
Delivery details	Usually within 20 days after receiving T/T down payments

Description:

Stainless Steel 2-Way Sanitary Diaphragm Membrane Control Valve

The diaphragm valve is widely used for pharmaceutical industries. This valve is widely used for controlling flow rate. Valve body which contacts with liquid is made of SS316L. The non-contacting part is made of SS304 material.

APPLICATION

Diaphragm valve, manually or pneumatically operated, and specifically designed for for using on hygiene and aseptic processes in the pharmaceutical industries. The valve is excellent for flow control as well as for open and close duties. The diaphragm valve are better in feature of flow in comparison with other valves, it is easier to clean up and better to process the substance with particles, the phenomenon of air pocket is rare during application of flow control.



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