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## Vertical pneumatic powder butterfly valve

### **Application**

DJ-FDT Vertical pneumatic powder butterfly valve is mainly designed for powder, granule, capsule and other container equipment systems. The butterfly valve has the characteristics that standard butterfly valve does not have, such as ultra-small torque, seal opening and closing does not produce excessive friction, long life, No seal powder shedding, ultra-short valve body, and adjustable pressure. The valve does not require professional tools to be disassembled, maintained, cleaned, safe, reliable, low cost, simple to operate, and can be interchanged manually, pneumatically, or electrically.

#### **Technical specifications**

Specifications: 4"-10", DN100-DN250

Connection method: clamp, welding, flange, bottom flange, DIN 3A INCH

Material: 316L/1.4404/1.4435

Seal: White SILCON (recommended) Gray FKM (selection)
Execution mode: manual, pneumatic, electric interchangeable
Surface treatment: Ra 0.6µm (recommended); Ra 0.4µm (selection)
External surface: matt (recommended) bright blasting electropolishing



### Horizontal pneumatic powder butterfly valve

### **Application**

DJ-FDT butterfly valve is mainly designed for powder, granule, capsule and other container equipment systems. The butterfly valve has the characteristics that standard butterfly valve does not have, such as ultra-small torque, seal opening and closing does not produce excessive friction, long life, No seal powder shedding, ultra-short valve body, and adjustable pressure. The valve does not require professional tools to be disassembled, maintained, cleaned, safe, reliable, low cost, simple to operate, and can be interchanged manually, pneumatically, or electrically.

### **Technical specifications**

Specifications: 4"-10", DN100-DN250

Connection method: clamp, welding, flange, bottom flange, DIN 3A INCH

Material: 316L/1.4404/1.4435

Seal: White SILCON (recommended) Gray FKM (selection)
Execution mode: manual, pneumatic, electric interchangeable
Surface treatment: Ra 0.6µm (recommended); Ra 0.4µm (selection)
External surface: matt (recommended) bright blasting electropolishing



## Powder tank bottom butterfly valve

### **Application**

DJ-FDT butterfly valve is mainly designed for powder, granule, capsule and other container equipment systems. The butterfly valve has the characteristics that standard butterfly valve does not have, such as ultra-small torque, seal opening and closing does not produce excessive friction, long life, No seal powder shedding, ultra-short valve body, and adjustable pressure. The valve does not require professional tools to be disassembled, maintained, cleaned, safe, reliable, low cost, simple to operate, and can be interchanged manually, pneumatically, or electrically.

### **Technical specifications**

Specifications: 4"-10", DN100-DN250

Connection method: clamp, welding, flange, bottom flange, DIN 3A INCH

Material: 316L/1.4404/1.4435

Seal: White SILCON (recommended) Gray FKM (selection)
Execution mode: manual, pneumatic, electric interchangeable
Surface treatment: Ra 0.6µm (recommended); Ra 0.4µm (selection)
External surface: matt (recommended) bright blasting electropolishing



## **Powder butterfly valve**

### **Application**

DJ-FDT butterfly valve is mainly designed for powder, granule, capsule and other container equipment systems. The butterfly valve has the characteristics that standard butterfly valve does not have, such as ultra-small torque, seal open/close does not produce excessive friction, long life, No seal powder shedding, ultra-short valve body and adjustable pressure. The valve does not require professional tools to be disassembled, maintained, cleaned, safe, reliable, low cost, simple to operate and can be interchanged manually, pneumatically or electrically.

#### **Technical specifications**

Specifications: 4"-10", DN100-DN250

Connection method: clamp, weld, flange, bottom flange, DIN 3A INCH

Material: 316L/1.4404/1.4435

Seal: White SILICON (recommended) Gray FKM (selection)
Execution mode: manual, pneumatic, electric interchangeable
Surface treatment: Ra 0.6µm (recommended); Ra 0.4µm (selection)
External surface: matte (recommended) bright blasting electropolishing



## **Electric Regulating butterfly valve**

### **Electric Regulating butterfly valve**

- Standard switching type (B-type) makes valves on/off by switching circuit with outputing active contacts signal to show a fully open or fully closed state of valve.
- Smart modulating type (A-type) realizes intelligent regulation and control through receiving a standard output signal 4-20mA.DC, 0-10V.DC or 1-5V.DC from computer or industrial instrument as well as outputs 4-20mA.DC standard feedback signal.
- Operating time from 7s to 100S

#### **Technical specifications**

Size:1"-8",DN25-DN200 Material: 304 / 316L

Pressure: 10bar

Temperature: -30 to 130 °C

Connection: clamp, thread, weld, three-piece flange

Standards: DIN SMS ISO IDF RJT



## **Horizontal Pneumatic Butterfly Valve**

### **Applications**

Horizontal Pneumatic Butterfly Valve

Butterfly valve both manual and automatic operation can be used in industrial applications in fluid products, such as food processing, pharmaceutical and chemical industries.

### **Technical Specifications**

Size: DN10-DN300, 1/2 -12 "

Temperature: 130°C Pressure: 10bar

Material: ASTM T304/T316L, 1.4301/1.4404 Connection: flange, Weld, Clamp, Thread, etc. Operation standard: DIN SMS RJT 3A ISO IDF Pneumatic Operation: Single action, Double action Certificate: PED/97/23/EC, health wading license



## **Pneumatic Butterfly Valve with Positioner**

### **Applications**

Regulating pneumatic butterfly valve can be applied in various fluid control systems, such as food and beverage, wine, pharmaceutical and other industries. The valve has feature of no dead ends, large flow, simple maintenance, small volume appearance.

#### **Technical Specifications**

◆ Support: DEVICE NET BUS

Standard: Single-acting, double-acting (option)

One-touch auto-tuning function

Support for manual operation

◆ Power Supply: DC 24V ± 10%

◆ Analog Signals: 0/4-20mA, 0-5/ 10V

◆ Size: 1"-4", DN25-DN100

◆ Material: 304 /316L

Pressure: 10bar

◆ Temperature: 130 °C

◆ Inner Surface Roughness: Ra0.4µm (option)

• Connection: weld, clamp, thread, flange and other standards



## 3 piece butterfly valve

### **Application**

3 piece butterfly valve

Butterfly valves, whether manually or pneuamtic can be used in fluid product applications in the food processing, pharmaceutical and chemical industries.

### **Technical specifications**

SIZE: 1/2"-12", DN10-DN300

Material: 304/316L, 1.4301/1.4404

Pressure: 10bar

Temperature: 130 ° C

Connection method: welding, thread, clamp, three-piece flange

Executive Standard: DIN SMS ISO IDF RJT DS



## Regulation type pneumatic butterfly valve

### **Application**

Regulating type pneumatic butterfly valve can be applied in various fluid control systems, such as food and beverage, wine, pharmaceutical and other industries. The valve has feature of no dead ends, large flow, simple maintenance, small volume appearance.

#### **Technical Specification**

- ◆ Support: DEVICE NET BUS
- Single-acting(standard), double-acting (option)
- One-touch auto-tuning function
- Support for manual operation
- ◆ Power supply: DC 24V ± 10%
- ◆ Analog signals: 0 / 4-20mA, 0-5 / 10V
- ◆ Size: 1 "-4", DN25-DN100
- Material: 304 / 316L
- Pressure: 10bar
- ◆ Temperature: 130 °C
- inner surface roughness: Ra<0.4µm (option)
- Connection: weld, clamp, thread, flange and other standards



## Pneumatic Butterfly Valve+C-TOP

### **Applications**

Pneumatic butterfly valve+C-TOP can be applied to a variety of fluid control systems, such as food and beverage, wine, pharmaceutical and other industries. The valve has feature of no dead ends, simple maintenance, small volume appearance.

#### **Technical Specifications**

Support Bus: AS-I BUS

Single-acting (standard), Double acting (option)

• One-touch auto-tuning function valve position

Support for manual operation

◆ Power supply: DC 24V ± 10%

◆ Size: 1"-12", DN10-DN300

• Material: 304 / 316L

• Pressure: 10bar

◆ Temperature: 130 °C

◆ Inner surface roughness: Ra0.4µm (option)

◆ Connection: Weld, Clamp, Thread, Flange and Other standards



## **Pneumatic Butterfly Valve**

### **Applications**

Pneumatic Butterfly Valve both manual and automatic operation can be used in industrial applications in fluid products, such as food processing, pharmaceutical and chemical industries.

### **Technical Specifications**

Size: DN10-DN300, 1/2"-12"

Temperature: 130 ℃ Pressure: 10bar

Material: ASTM T304 / T316L, 1.4301 / 1.4404 Connection: Thread, Flange, Weld, Clamp Operation Standard: DIN SMS RJT 3A ISO IDF

Pneumatic operation: Single acting, Double acting, Three action

Certificate: PED / 97/23 / EC, health wading license



## **Three way Butterfly Valve**

### **Applications**

Three way valve divided into manual and pneumatic drive, mainly used in brewing, food processing, dairy and beverage industries.

### **Technical Specifications**

Size: DN25-DN100, 1"-4"
Standard: DIN SMS RJT Inch

Body Structure: Three butterfly valve, Two Butterfly valve, A Butterfly valve control

Connection: Threaded, Clamp, flange, Welding, 3-pc flange

Handle operation: Muilti-handle and Pull handle

Pneumatic Operation: Normally open/ Normally closed, Air/Air

Maximum Pressure: 10bar Highest Temperature: 130 °C



## **Single Weld Single thread Butterfly Valves**

### **Applications**

Butterfly valve whatever manual or automatic operation can be used in food processing, pharmaceutical and chemical products, industrial fluid applications.

### **Technical Specification**

Size: DN10-DN300, 1/2"-12"

Temperature: 130 °C Pressure: 10bar

Material: ASTM T304 / T316L, 1.4301 / 1.4404

Connection: Threaded, Flange Welding, Clamp, etc.

Operation Standard: DIN SMS RJT 3A ISO IDF Manual operation: Muti-handles, Pull handles

Certificate: PED / 97/23 / EC, health wading license

Pneumatic Operation: Single acting, Double acting, Triple action



## **Clamp end butterfly Valve**

### **Applications**

Butterfly valve whatever manual or automatic operation can be used in food processing, pharmaceutical and chemical products, industrial fluid applications.

### **Technical Specification**

Size: DN10-DN300, 1/2"-12"

Temperature: 130 ℃ Pressure: 10bar

Material: ASTM T304 / T316L, 1.4301 / 1.4404 Connection: Thread, Flange Welding, Clamp, etc. Operation Standard: DIN SMS RJT 3A ISO IDF Manual operation: Muti-handles, Pull handles Certificate: PED / 97/23 / EC, health wading license

Pneumatic Operation: Single acting, Double acting, Triple action



## **Butterfly Valve With Locking Handle**

### **Applications**

Butterfly valve whatever manual or automatic operation can be used in food processing, pharmaceutical and chemical products, industrial fluid applications.

### **Technical Specification**

Size: DN10 to DN300, 1/2"-12" Maximum Temperature: 150 °C Maximum Pressure: 10bar

Material: ASTM T304 / T316L, 1.4301 / 1.4404 Connection: Thread, Flange Welding, Clamp Operation Standard: DIN SMS RJT 3A ISO IDF Manual operation: Muti-handles, Pull handles Certificate: PED / 97/23 / EC, health wading license



## **Butterfly Valve with pull handle**

### **Applications**

Butterfly valve, whatever manual or automatic operation can be used in food processing, pharmaceutical and chemical products, industrial fluid applications.

### **Technical Specifications**

Size: 1/2"- 12", DN10-DN300

Material: 304 / 316L, 1.4301 / 1.4404

Pressure: 10bar Temperature: 130 °C

Connection: weld, thread, clamp, three flange Operation Standard: DIN SMS ISO IDF RJT DS



# **Multi Position Handle Butterfly Valve**

### **Applications**

Butterfly valve whatever manual or automatic operation can be used in food processing, pharmaceutical and chemical products, industrial fluid applications.

### **Technical Specifications**

Size: 1/2"- 12", DN10-DN300

Material: 304 / 316L, 1.4301 / 1.4404

Pressure: 10bar Temperature: 130 ℃

Connection: weld, thread, clamp, three flange Operation Standard: DIN SMS ISO IDF RJT DS



# **Fine Adjustment Butterfly Valve**

### **Applications**

Fine adjustment butterfly valve has all functions and characteristics of standard butterfly valve with a very flexible flow control device, adjustable switch quantity, valve position feedback by the scale

### **Technical Specifications**

Size: 1"-6", DN25-DN150

Material: 304 / 316L

Connection: clamp, weld, thread, etc.

Certificate: PED / 97/23 / EC, FDA177.2600

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