



Hygienic Butterfly Valve , Male Threaded 304 316L SS Butterfly Valve

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: OEM
- Certification: DIN,SMS,3A,ISO
- Model Number: CX-SBTV-016
- 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

- Work Pressure: Mid-Pressure (2.5mpa< Pn <6.4mpa)
- Working Temperature: Normal Temperature (-40°C~120°C)
- Material Of Seal Surface: Soft Sealed
- Port Size: DN15-DN200
- Valve Body: Forging
- Standard: DIN,SMS,3A,ISO
- Surface: CNC Machine Finished
- Highlight: **hygienic butterfly valves**



More Images



Product Description

Hygienic Sanitary Stainless Steel Food Grade 304 316L male threaded Butterfly Valve

Surface Treatment

We offer the following processes to choose:

1. Mechanical Polishing (MP) to improve brightness (gloss, matte)
2. Acid Cleaning for Anti-corrosion
3. Electrolysis Polish (EP) to improve surface smoothness
4. Custom Process: Bright Annealing treatment eliminate stresses to improve toughness

How do we ensure finished product quality (FQC inspection)

1. Visual Inspection
2. Material Grade Measurement
3. Dimension Inspection
4. Roughness Detection
5. Roughness Detection
6. Leakage Test

Butterfly valves can be actuated either manually or pneumatically. There is a wide range of manual controls to meet the different system requirements. Pneumatic controls can be horizontal and vertical, single-, double-effect, and modulating. They can be fitted with control tops and proximity. It is widely applied to many fields, such as beer, beverage, dairy food, fruit juice, pharmacy, biological etc.

Design Features

1. Various standards can be provided: DIN, 3A, SMS, ISO / IDF, BS / RJT, and ASME / BPE.
 2. Available in sizes from DN25 / 1" to DN300 / 12"
 3. Multiposition handles can be used for valves up to DN100 / 4";
 4. Pull handles can be used for valves from DN25 / 1" to DN300 / 12"
- Manual handle,
5. pneumatic actuator and electric actuator are interchangeable.
 6. Seals comply with FDA 21CFR 177.2600.
 7. The valve body can be customized with a wide selection of different connections.

Technical Parameters

Standard	3A,SMS,DIN,ISO,RJT,IDF	
Product wetted steel parts	AISI304/AISI316L	Provided with material inspection report
Other steel parts	AISI304	
Size	3/4"~6",DN20~DN150,19mm~152.4mm	
Seal material	EPDM/VMQ/FPM	All seals material comply with FDA21CFR117.2600
Working pressure	≤10bar(145psi)	
Supply pressure for air actuator	5~8(0~116psi)	
Working temperature	EPDM:-14~248°F(-10~120°C)	
	VMQ:-58~356°F(-50~180°C)	
	FPM:22~446°F(-30~230°C)	
	Other materials are available upon request	
Sterilization temperature	302°F(150°C,max 20min)	
Outside surface treatment	Ra16~32uin(o.4~0.8um)	
Inside surface treatment	Ra32~64uin(o.8~1.6um)	
Connetion ends	butt-weld,clamped ends,male ends, flange ends	
Pneumatic head	Normally closed(NC)-Air to open,spring to close	
	Normally open(NO)-Air to close,spring to open	
	Air to air(AA)-Air to open,air to close	

Options

1. The seat and gasket can be NBR (Nitrile), VMQ (Silicone) or Viton (FPM) all complying with FDA 21CFR177.2600.
2. End connection can be butt-welded, sanitary clamp, threaded, flanged, I-line or others upon request.
3. Handle: 3-position pull handle; multi-position handle in either pure stainless steel or with plastic cover.
4. Actuator: pneumatic stainless steel actuator (vertical type), pneumatic aluminum actuator (horizontal type), electric actuator.
5. Control: position sensor, C-top controller, C-top controller (AS-I)



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