



GEMÜ 411  
manually operated



GEMÜ 415  
pneumatically operated



GEMÜ 428  
motorized

## Butterfly valves made of stainless steel GEMÜ 411, 415 and 428

### Areas of application

- Foodstuffs and beverages
- Industrial water treatment
- Mechanical engineering and processing industry
- Chemical engineering
- Surface finishing

### Features

- High-quality butterfly valves in small nominal sizes
- Manual, pneumatic, motorized
- Compact and solid housing
- Suitable for vacuum up to 20 mbar

## Description

The soft seated GEMÜ 411, 415 and 428 butterfly valves are optimized for frequent cycle duties due to the rounded and polished disc edges. On request, the surface of the stainless steel butterfly valve can be polished and the brass version nickel-plated.

The following versions are available:  
GEMÜ 411 manually operated  
GEMÜ 415 pneumatically operated  
GEMÜ 428 motorized

## Technical specifications

- **Nominal sizes:**  
DN 15 to 50
- **Medientemperatur\*:**  
-20 to 120 °C
- **Ambient temperature:**  
-10 to 60 °C
- **Operating pressure\*:**  
0 to 10 bar
- **Connection types:**  
Clamp | Thread | Socket
- **Connection standards:**  
ASME | DIN | EN | ISO | SMS
- **Housing materials:**  
1.4408, investment casting material
- **Liner materials:**  
EPDM | FKM | Silicone
- **Disc materials:**  
1.4408, investment casting material
- **Conformities\*:**  
ATEX | EAC | FDA

\* depending on version and/or operating parameters

## Applications

- Water supply and discharge during rinsing processes
- Granulate dosing
- Paint dosing
- Pre-foamers for plastic parts
- Production isolators for aseptic filling processes

### Extendable

Extensive range of accessories such as electrical position indicator and pilot valve

### Space-saving

Corrosion resistant plastic pneumatic actuator with linear movement

### Safe

Leakage groove in the actuator flange acc. to ISO 5211

### Versatile

Surface modifications such as polishing and various connection options available

### Robust

Body groove for secure fixing and positive fit of the liner

### Sophisticated

Special seal contour for reliable sealing between half shell and shaft

### Reduced torque

Disc with rounded and polished edges optimized for frequent cycle duties

