Sandwich Type Butterfly Valve

I Application
Sandwich butterfly valves, whether manually or automatically operated, can be used in most liquid product applications in the food-processing, pharmaceutical and chemical industries. Their design allows to easily install or remove the valve without separating the pipes.

I Operating principle
The butterfly valve can be operated automatically through an actuator or manually with a handle.
The handle blocks the valve in the "open" or "closed" position, although there are also other models with intermediate positions. The actuator transforms the axial movement of the piston into a 90° rotary movement which it transmits to the disc.

I Design and features
Design: "between flanges".
Compact and robust design.
Multi-position handle as standard feature for valves up to DN-100/4".
Two-position handle as standard feature for valves starting from DN-100/4".
Low pressure losses.
Body halves interchangeable with any connection type.
Connections: DIN 11850.
Traceability of components.

I Materials
Disc and body halves: AISI 316L (forged)
Handle: AISI 304 / PP
Other St.St. parts: AISI 304
Gasket: EPDM according to FDA 177.2600
Internal surface finish: Ra ≤ 0.8 μm
External surface finish: Machined, Ra ≤ 1.2 μm

I Options
AISI 304L valve.
Gaskets: NBR, VMQ or FPM.
Two sizes for two-position handle.
Handles: two-position, lever, micrometric, with safety lock, etc.
Electric actuator or single- or double-acting actuator, the size is determined by the operating torque of the valve.
Electro-pneumatic positioner.
Inductive position sensors.
C-TOP control unit (inductive position sensors or microswitches).
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**I Technical specifications**

**Available sizes**
DN 25 - DN 200
DN 1" - DN 6"

**Max. working temperature**
-10 °C to +120 °C (EPDM)
+140 °C (SIP, max. 30 min)
14 °F to 248 °F
284 °F

**Min. working pressure**
0,2 bar (Pabs)
3 PSI (P.abs)

**Max. working pressure**
10 bar (DN 25 - DN 100)
8 bar (DN 125 - DN 150)
5 bar (DN 200)
145 PSI (DN 1" - DN 4")
116 PSI (DN 6")

**Dimensions**

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* With two-position handle.

For more information, please visit [www.inoxpa.com](http://www.inoxpa.com).