



### I Application

Butterfly valves, whether manually or automatically operated, can be used in most liquid product applications in the food-processing, pharmaceutical and chemical industries. Due to its easy assembly and disassembly, the valve is adequate for applications that require constant maintenance operations.

### I Operating principle

The butterfly valve is operated manually. The multi-position handle is the standard feature. The handle blocks the valve in the "open" or "closed" position or in other intermediate positions.

### I Design and features

Compact and robust design.  
Multi-position handle.  
Low pressure losses.  
Body halves interchangeable with any connection type.  
Standard connections: Clamp ISO 2852.  
Traceability of components.  
No special tools required for manual disassembly by means of a clamp connection.



### I Materials

Disc and body halves	AISI 316L (forged)
Clamp and other st.st. parts	AISI 304
Handle	AISI 304 / PP
Gasket	EPDM according to FDA 177.2600
Internal surface finish	$Ra \leq 0,8 \mu m$
External surface finish	Machined

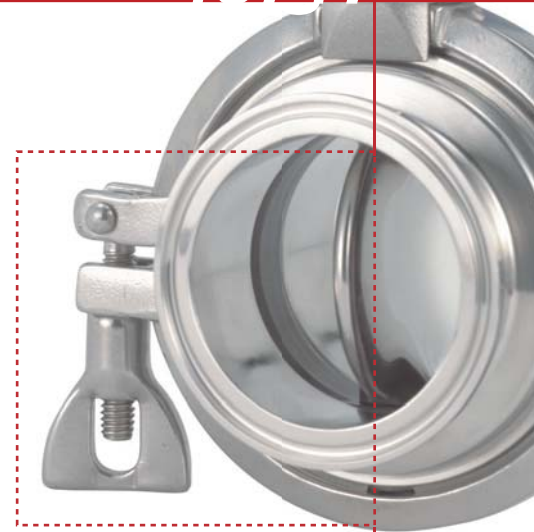
### I Options

Valve in AISI 304L.  
Gaskets: NBR, MVQ or FPM.  
Connections: weld, DIN, SMS, RJT, FIL-IDF, etc.



**I Technical specifications**

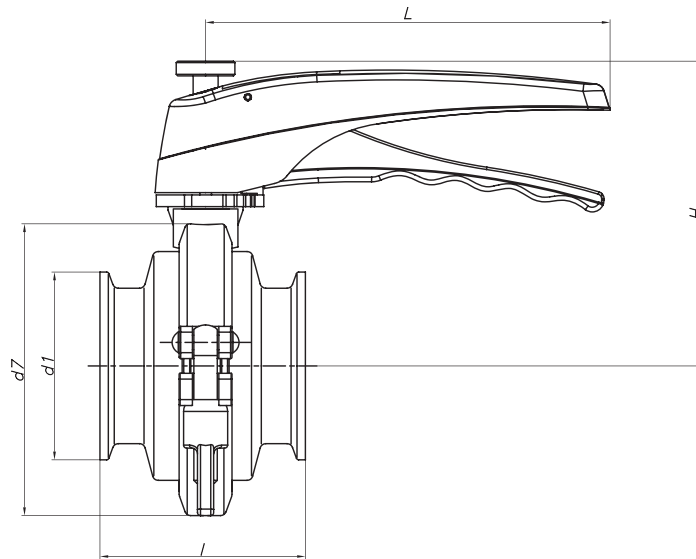
Available sizes	DN 1" - DN 4"	
Min. working pressure	0,2 bar (abs.P)	3 PSI (abs.P)
Max. working pressure	10 bar	145 PSI
Working temperature	-10 °C to +120 °C (EPDM)	14 °F to 248 °F
	+140 °C (SIP, max. 30 min)	284 °F



DN	1"	1 1/2"	2"	2 1/2"	3"	4"
OPERATING TORQUE [N·m]	8	10	14	15	18	25

Test pressure 10 kg/cm<sup>2</sup>

**I General dimensions**



DN	d1	d7	I	H	L
1"	50,5	64	64	110	170
1 1/2"	50,5	77,5	72	115	
2"	64	91	72	120	
2 1/2"	77,5	101	76	120	
3"	91	115	76	130	
4"	119	151	104	145	



The information contained in this brochure is for guidance only. We reserve the right to modify any material or feature without notice in advance. For further information, please, consult our web site. [www.inoxpa.com](http://www.inoxpa.com)



FT.Clamp Butterfly Valve 48717.2.EN-02/09