

## Butterfly Valves

Butterfly valves can be welded, screwed, clamped or flange-fitted into the stainless steel lines and can be actuated manually or automatically as needed. Wide choice of end fittings in male/butt-weld combinations to keep installation costs to a minimum while offering maximum flexibility for maintenance.

**SIZES :**

To suit tube outside diameters of 1", 1½", 2", 2½" and 4"

**END CONNECTIONS :**

IDF, SMS, DIN, TC Clamp, butt-weld; flanged (special design with mating flanges that butt-weld to the tube).

**MATERIAL :**

Machined from SS 304, SS 304L, SS 316 and SS316L bar stock, fully polished as standard. The standard handle or air actuator is also made from stainless steel. Other actuators available to special order.

**WORKING PRINCIPLE**

IEWI Butterfly valve is operated by manually means of a handle. The handle mechanically locks the valve in its open or closed position. A disc closes against the silicon rubber seal when the handle is at right angle to the installing pipe line. When the handle is turned at 90° the disc is parallel to the product flow and the valve is fully open.

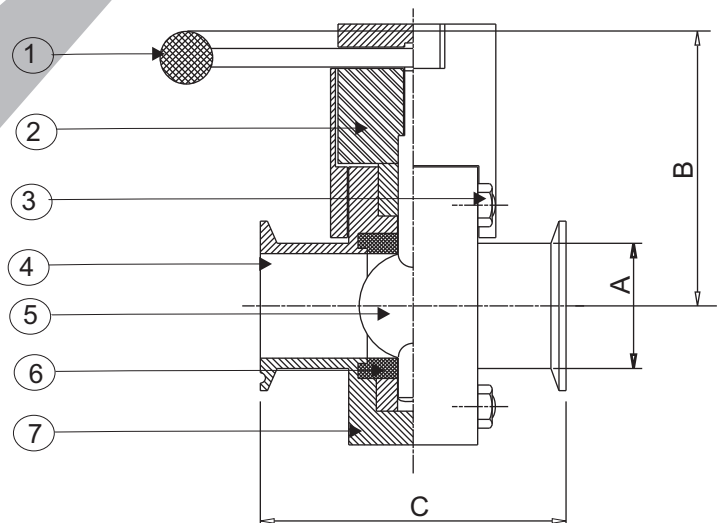
**CONSTRUCTION:**

The valve consists of two valve body halves, valve disc, bushes for the stem and seal ring. The valve is assembled by means of screw and nut. The handle is fitted by means of cap or block system and screw.

**OPERATING PARAMETERS :**

Normal maximum product pressure to 150 psi.  
Temperature up to 180°C dependent on seat material.

SL NO	DESCRIPTION	QTY
1	KNOB HANDLE	1
2	LOCK NUT	1
3	NUT AND BOLT	4
4	T.C END CONNECTION	2
5	DISC	1
6	TEFLON SEAT	2
7	BODY	1



SIZE	1"	1½"	2"	2½"	3"	4"
A	Ø25.4	Ø38.1	Ø50.8	Ø63.5	Ø76.1	Ø101.6
B	89	89	99	109	116	135
C	90	90	95	97	105	123