

BUTTERFLY VALVES



When it counts,
count on Unibloc®.

- Machined from solid stock and electropolished for reliable performance and hygienic operation
- Unique concave glass disc design allows for increased flow capacity
- Custom options and application-tailored designs available
- Can be used in manual or automated applications



RELIABLE AND DURABLE SANITARY VALVE SOLUTION



Hygenitec butterfly valves are designed for a variety of applications and are crafted for easy maintenance.

If you have specific application requirements, we can tailor our butterfly valves to those needs. Our valves are also designed for effectiveness and tight sealing. We perform rigorous testing that demonstrates our commitment to quality control. When you want a reliable, long lasting, and valve design, choose Unibloc.

HIGHER FLOW CAPACITY
Butterfly valves are designed to meet a multitude of demanding manual or automated sanitary applications—including the food and beverage, pharmaceutical and other industries. It features a unique concave glass disc design that allows for increased flow capacity.

EASY INSTALLATION AND CUSTOMIZATION
Hygenitec butterfly valves are easy to install and maintain and can be tailored to the application's specific needs, with multiple elastomer options and fully actuated versions.

QUALITY AND VERSATILITY
Electropolished to the exact standards, each valve-half, including the ferrule, is precision-machined out of solid **stock** for the highest integrity and quality.

The valves are designed with versatility in mind, available in many different configurations. All valve combinations are available in sizes 0.75 to 8.0 inch.

TOP-QUALITY MATERIALS
All wetted butterfly parts are 316L stainless material. O-ring elastomers are available in EPDM, silicone, Viton.

FEATURES AND BENEFITS

- Easy to install and maintain
- Machined from solid stock and electropolished
- Available in sizes 0.75" to 8.0"
- 316L stainless steel
- Elastomers in white silicone, EPDM, Viton
- Fully actuated versions available
- Block and bleed
- Divert valves



VALVE HANDLE OPTIONS

LINKAGE

- The Hygenitec design also includes various types of dual-valve linkage arrangements for the accurate and synchronous movement of 2 valves.
- This arrangement is available in two options, diverter or block & bleed.

- F. Diverter-valve with 180° linkage and actuator
- G. Diverter-valve with 90° linkage and actuator.
- H. Block & Bleed-valve fully automated with limit switches built in to the actuator

OPTIONAL

- Electric actuators, throttling actuators and position indicators
- Explosion proof micro switches in actuator for position indication
- Polishing up to 15Ra plus electropolishing
- Hastelloy - C material

- A. Manual valve with on-off function
- B. Manual valve with position switches
- C. Manual valve with infinite adjustable handle for throttling
- D. Automated valve with air-air actuator, all stainless
- E. Automated valve with pneumatic actuator including controller and air pressure indicators

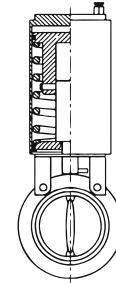
BUTTERFLY VALVE

TECHNICAL DATA

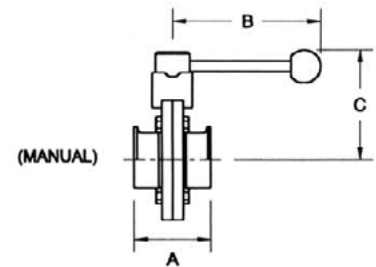
Min. Air-pressure Air-Air	58 psi	Air consumption 6-inch.	41 cubic inches
Max. Air-pressure Air-Air	88 psi	Max. Product Pressure	150 psi
Min. Air-pressure Air-Spring	58 psi	Max. Product Temp.	265° F
Max. Air-pressure Air-Spring	88 psi	Min. Product Temp.	-4° F
Air consumption 1-4 inch.	30 cub inch.	Max.	5A/250V

SPECIFICATIONS

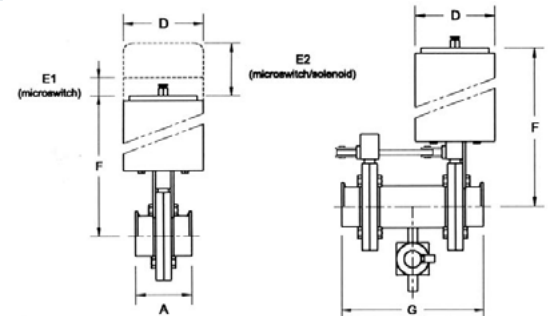
Size (in)	0.75"	1.0"	1.5"	2.0"	2.5"	3.0"	4.0"	6.0"	8.0"
Manual Valve									
A	2.5	2.5	2.8	2.8	3.0	3.9	4.1	4.5	4.6
C	5.5	5.5	5.5	5.5	5.5	6.3	6.3	8.7	11.6
B	2.9	2.9	3.1	3.4	3.8	4.1	4.4	6.5	9.8
Weight (lbs)	2.9	2.9	3.6	4.3	4.8	8.0	9.9	23.0	35.0
Actuated Valve									
D	3.5	3.5	3.5	3.5	4.1	4.1	4.1	5.2	POA
E1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	POA
E2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	POA
F	8.9	8.9	9.1	9.3	10.2	10.5	10.9	13.8	POA
Weight (lbs)	12.0	12.0	13.0	13.0	14.0	17.0	19.0	41.0	POA
Block & Bleed Valve									
G	5.7	5.7	5.7	5.7	6.0	8.0	8.2	9.0	POA
Weight (lbs)	14.0	14.0	15.0	17.0	18.0	25.0	28.0	63.0	POA
Divert Valve									
H	2.4	2.4	2.8	3.5	3.5	3.8	4.5	POA	POA
J	3.9	3.9	4.5	4.9	5.3	6.5	7.5	POA	POA
K	7.8	7.8	9.0	9.8	10.7	13.1	15.1	POA	POA
L	6.3	6.3	7.2	8.4	8.8	10.3	12.0	POA	POA



Sectional drawing of valve assembly

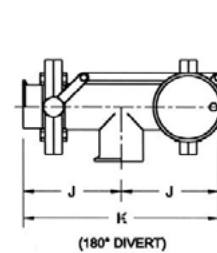


(MANUAL)

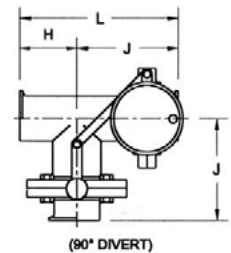


E1 (microswitch)

E2 (microswitch/solenoid)



(180° DIVERT)



(90° DIVERT)

Unibloc Hygienic Technologies provides a broad portfolio of powerful solutions for companies around the world.