



Installation Instructions Manual Butterfly Valves

Read All Instructions
Prior To Installation

Keep Instructions with the Valve
for Future Reference

Installation Information

Dimensions

Dimensions for all manual butterfly valves can be found in the Kurt J. Lesker Company catalog and on the web at www.lesker.com.

Cleanliness and Flange Protection

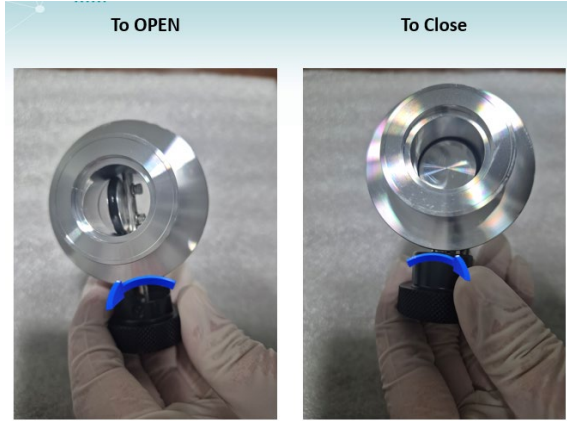
Manual butterfly valves should be kept away from dust, fiber, oil, and contamination. When installing the valve, adequate clearance should be allowed between adjacent components so there is no sliding of the flange seal surfaces against each other. Every valve is shipped with protective plastic caps on the flanges. These caps should be left on until installation and replaced when the valve is removed from the piping line. A small scratch on the flange seal face of an elastomer sealed valve is enough to prevent a leak tight seal.

Operating Principles

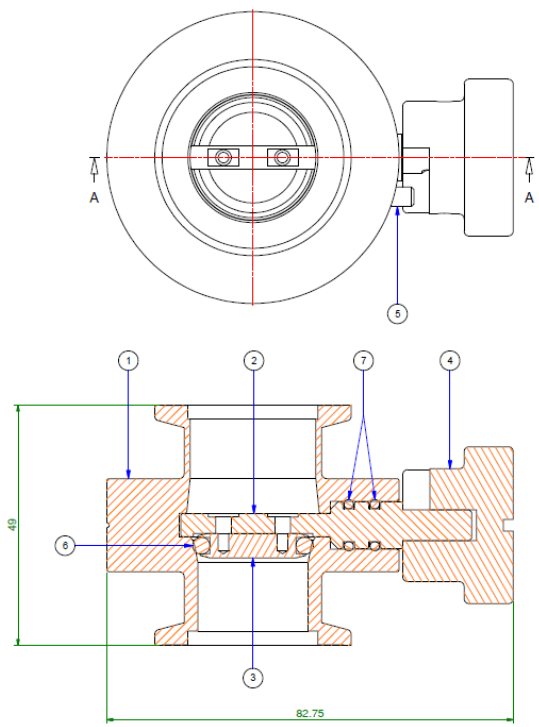
Manual Butterfly Valve (Figure 1)

rotate the handle(knob) counterclockwise to open the valve.
To close the valve, rotate the handle(knob) clockwise.

Open / Close operation



Manual Butterfly Valve



- 1. Flange
- 2. Shaft
- 3. Blade
- 4. Handle(knob)
- 5. Spring pin
- 6. FKM O-ring

7. FKM O-ring

General Specifications

Materials:

Flange/Blade/Handle	AL 6061
Shaft	STS 304
Seals	FKM O-ring

Pressure Range: 1 X 10⁻⁹ Torr to ATM

Helium Leak Rate: 5 X 10⁻⁹ pa.m3/s

Temperatures:

Actuator	<80°C
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