

# Butterfly Valve

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# Revaron Butterfly Valve

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Vacuum valves are crucial components for any vacuum system, and they can be utilised in vacuum lines in production and manufacturing and/or directly attached to the vacuum chamber.

Butterfly valves we offer are designed to provide optimal handling and user-friendliness. They are most preferred option due to their lightweight construction, which requires less support.

Our vacuum valves feature a disk-shaped closing mechanism, similar to a ball valve, which allows for quick shut off and regulation of gas flow. The excellent tightness of our vacuum valves is particularly important for applications under high vacuum (Swivel valve plate mounted with Viton Ring). Other important factors for vacuum valve usage include long service life, low maintenance requirements, and short opening and closing times.

We offer a two variants of butterfly valves that are characterised by their long service life, high quality, and outstanding performance. Our robust and rugged designs ensure years of trouble-free service



## APPLICATIONS

Cooling water, air, gases, and fire protection

Connecting the vacuum pipe joints

Roughing, Backing and Vacuum applications

Evacuating and Purging antechamber in glovebox

Slurry and similar services

Vacuum system service

High-pressure and high-temperature water and steam control

Compressed Air or Gas Applications

# Key Features

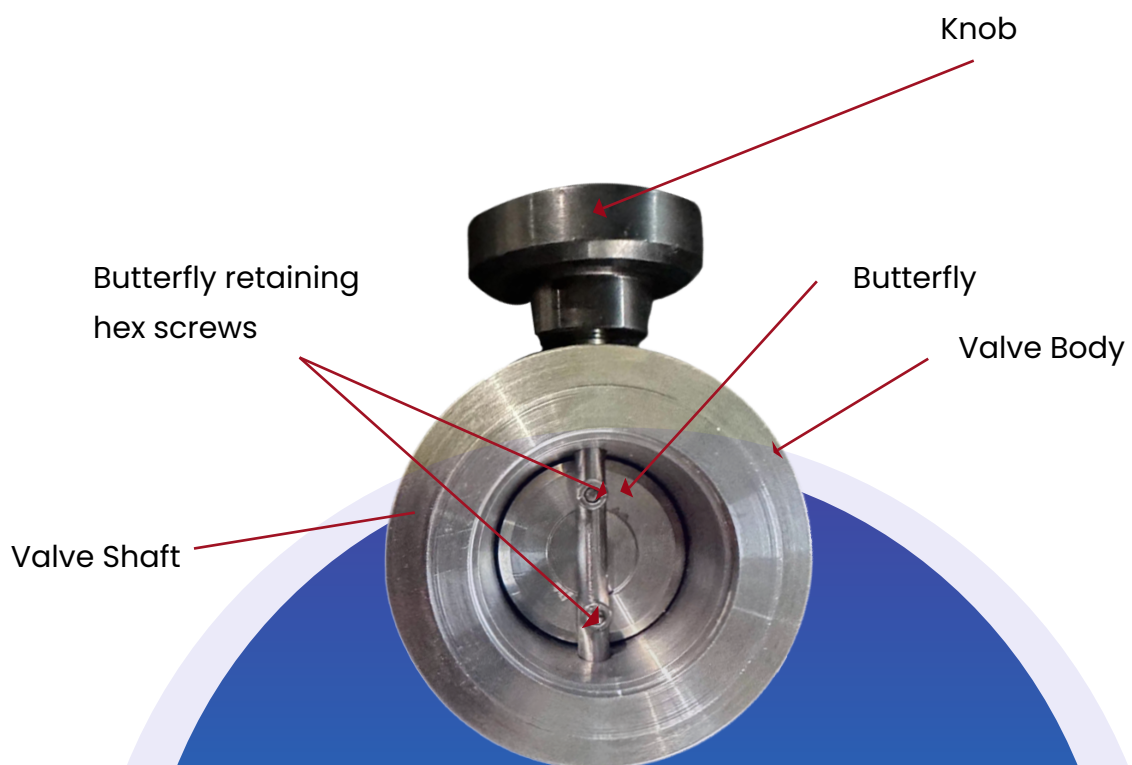
- ▶ The valve is operated manually (pneumatic or motorized options are available upon request).
- ▶ It can be removed from the production line easily for servicing purposes.
- ▶ Low-cost alternative to bellow valves.
- ▶ Manual butterfly valves are preferred due to their quarter-turn actuation, small footprint, and short path, which allow for efficient and easy operation.
- ▶ This valve is a perfect alternative for use in operating conditions that involve frequent changing and cleaning, and for applications that do not require line of sight or mechanical movement through the bore.
- ▶ The handle of the valve features a nylon sleeve that helps to reduce friction, resulting in smoother rotation.
- ▶ The valve can be tested for leaks using a helium mass spectrometer with a sensitivity of  $2 \times 10^{-10}$  std. cc/sec, kindly discuss with us if you need such tests to be carried out with certifications where necessary.
- ▶ Our butterfly valve has undergone a 100% pressure hydraulic reliability test.

REVARON products are shipped worldwide including one-year warranty as standard.


“We can customise this product in accordance with your application, requirements including ergonomic design”

# Specifications


<b>Body Material</b>	Stainless Steel-304L
<b>Materials exposed to vacuum or gas</b>	Stainless Steel
<b>Valve Material</b>	Stainless Steel-304L
<b>Flange Sizes</b>	ISO NW or KF-40, KF-50, KF-25
<b>Operation</b>	Manual
<b>Operating Temperature</b>	100 °C
<b>Operating Pressure</b>	Up to 15 mBar
<b>Valve type</b>	Swivel valve plate
<b>Operation</b>	Fully-closed position to fully open with only a quarter turn of the knob.
<b>Certifications</b>	CE, ISO-9001
<b>Options</b>	1. An internal rubber ring to ensure a tight seal 2. Swivel valve plate mounted with Viton Ring



## Sales and Support

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