

Pneumatic actuated flanged butterfly valve supplier in Saudi Arabia

Middleeast valve is one of the best [Pneumatic actuated flanged butterfly valve supplier in Saudi Arabia](#). We supply to cities like Jeddah, Dammam, and Mecca. A pneumatic actuated flanged butterfly valve is a type of valve that is designed to control the flow of a fluid, such as gas or liquid, through a pipeline. The valve consists of a circular disc, called the butterfly, which is mounted on a shaft in the center of the valve body. When the valve is in the open position, the disc is turned parallel to the direction of the flow, allowing the fluid to pass through the valve. When the valve is closed, the disc is turned perpendicular to the flow, effectively blocking the fluid from passing through the valve.

The valve is actuated by a pneumatic actuator, which is a device that uses compressed air to move the valve disc. The actuator is typically mounted on top of the valve body and is connected to the valve shaft through a series of linkages. When the actuator is pressurized with air, it moves the valve disc to the desired position.

The valve is flanged, which means it has a set of bolt holes around the circumference of the valve body that allow it to be bolted to a flange on a pipeline. Flanges provide a secure connection between the valve and the pipeline, ensuring a leak-free seal.

Middleeast valve is well known [Pneumatic actuated flanged butterfly valve supplier in Saudi Arabia](#) and are preferred for their simple design, ease of operation, and reliability. Additionally, they can be used in a wide range of applications, from low-pressure water systems to high-pressure gas pipelines.

Advantages:

1. Quick and easy actuation
2. Low maintenance
3. Compact design
4. Safe operation
5. Remote operation

Industries that use them:

- Oil and Gas Industry
- Water Treatment Plants
- Chemical processing Industry
- Power Generation Plants
- Marine and shipping Industry

Parts:

- Valve body
- Disc
- Stem
- Actuator
- Air supply line
- Limit switch and solenoid valve
- Flange connection
- Packing
- Hand lever or gear operator

Description:

Available materials: SS306, SS904, SS316, Aluminium Bronze, Monel, Bronze, Brass, Duplex steel, Inconel, Incoloy, Titanium, WCB, CF8, CF8M, CF3, CF3M, WC1, WC6, WC9, Cast iron, Carbon Steel

Size: 1/2" - 64"

Class: 150 to 4500

Nominal Pressure: PN10 to PN150

Operation: Pneumatic actuated

Configuration of a Pneumatic Actuator:

- 4-20 amp
- Pneumatic single acting actuators
- Pneumatic double acting actuators
- Pneumatic rotary actuators
- Pneumatic Scotch and Yoke actuators
- Pressure: 228 bar

Temperature:

- Standard -4°F to 200°F (-20°C to 93°C)
- Low -40°F to 176°F (-40°C to 80°C)
- High 0°F to 300°F (-18°C to 149°C)

<https://www.middleeastvalve.com/product-category/pneumatic-actuated-flanged-butterfly-valve/>

