

## Pneumatic actuated butterfly valve supplier in UAE

Middleeast valve is one of the leading [Pneumatic actuated butterfly valve supplier in UAE](#). We supply to cities like Sharjah, Fujairah, Dubai.

Pneumatic actuated butterfly valves represent a significant leap in fluid control technology, offering precise and efficient regulation in various industrial applications. This innovative valve system utilizes compressed air to automate the opening and closing of the butterfly valve, providing enhanced control and reliability.

### Understanding Pneumatic Actuated Butterfly Valves:

Pneumatic actuated butterfly valves belong to the family of quarter-turn valves, known for their simplicity and versatility in regulating fluid flow. These valves consist of a disk mounted on a rotating shaft, positioned in the center of a pipe. When paired with a pneumatic actuator, these valves become dynamic components of automated systems, responding rapidly to changes in pressure and ensuring precise control over the fluid flow.

### Pneumatic actuated butterfly valve key features:

- **Swift Response Times:** Pneumatic actuated butterfly valves are renowned for their quick response times, making them ideal for applications where rapid adjustments are crucial. The integration of compressed air as the driving force allows these valves to open and close promptly, optimizing process efficiency.
- **Cost-Effective Automation:** The pneumatic actuation system offers a cost-effective solution for automation compared to electrically operated valves. The simplicity of design and ease of maintenance contribute to reduced overall operational costs, making them an attractive choice for budget-conscious industries.
- **Compact Design:** These valves boast a compact and lightweight design, making them suitable for installations where space is limited. The streamlined structure not only facilitates easy integration into existing systems but also enhances the overall efficiency of the fluid control process.

In the UAE, you can find suppliers offering [Pneumatic Actuated Butterfly Valve](#) that provide efficient and accurate management of fluid flow. These valves are equipped with actuation systems that enable remote operation and automation in various industrial applications.

### Description:

Body material: Cast iron, Ductile iron, Stainless steel (SS316, SS304, CF8), Carbon steel, carbon steel, WCB, WCC, WC6, LCB, LCC, LF2, WC9, Duplex steel (F51, F53, 5A, 6A).

Class: 150-300. PN10 – PN40.

Size: 2"-72".

Connection type: Flanged, Lug type, Wafer type.

Disc: CF8M, SS316L, CF8, Cast iron, Carbon steel, Ductile iron.

Operation: pneumatic actuated.

Configuration of a Pneumatic Actuator:

- Torque – 3 – 9000 nm
- Operating pressure- 8 Bar
- Port Connection-NPT1.4"
- Mounting Base-ISO5211
- Temperature–20°C – +80°C

Parts of pneumatic actuated butterfly valve:

- Pneumatic Actuator.
- Butterfly Valve Body.
- Disk.
- Stem.
- Seat.
- Hand Lever.
- Gear.

Industries:

1. Chemical Industry.
2. Petroleum Industry.
3. Mining Industry.
4. Automobile Industry.

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

Address: Building No-6515 Ameer Mohammad Bin Abdulaziz St., Ad Danah Dist., Ras Tannurah 3631-32817, Kingdom of Saudi Arabia.

