

Pneumatic actuated ball valve in Riyadh

Middleeast valve is the largest [Pneumatic actuated ball valve in Riyadh](#). We supply to cities like Dammam, Al Khobar, Al Jubail, and Jeddah. A pneumatic actuated ball valve is a type of valve that is controlled by compressed air, typically used in industrial applications where a reliable and efficient valve is needed. The valve itself consists of a ball-shaped disc with a hole in the middle that can be rotated to either allow or block the flow of fluid or gas. The valve is attached to a pneumatic actuator that uses compressed air to move the valve disc.

The pneumatic actuator is typically made up of a cylinder, piston, and spring. When air is introduced into the cylinder, it causes the piston to move, which in turn rotates the ball valve. The spring is used to return the valve to its original position when the air pressure is released.

Pneumatic actuated ball valves are preferred over manual valves in situations where frequent valve operation is required or when the valve is in a hard-to-reach area. They offer fast and accurate control and can be operated remotely using a control system.

Middleeast valve is the best [Pneumatic actuated ball valve in Riyadh](#) and is a reliable and efficient solution for controlling the flow of fluid or gas in industrial applications.

Advantages:

1. Quick and easy operation
2. Simple design
3. Wide temperature and pressure range
4. Minimal leakage

Applications:

1. Process control
2. Industrial piping
3. Heating and cooling systems
4. Chemical processing

Industries:

- Textile Industry
- Water Industry
- Construction Industry
- Electric Power Industry

Description:

Body Material: Cast steel (WCB, WCC, WC6, LCC, LCB), Stainless steel (SS304, SS316), Carbon steel (CF8, CF8M),

Class: 150 to 2500; PN10 to PN450

Size: ½" to 4"

End: Butt weld, Flanged, Socket weld, Threaded
Operation: Pneumatic actuated ball valve

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)

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