

Pneumatic Actuated Valve: Double-Acting and Spring Return

Pneumatic actuated valves use compressed air for fast, reliable open/close operation. Spring return (single-acting) types move the valve to its safe position when air or signal is lost, which is why they are standard in emergency shutdown and process safety applications.

Technical specifications

Actuator	Rack and pinion, scotch-yoke; double-acting or spring return
Air supply	Typically 4–8 bar, dry and filtered air
Accessories	NAMUR solenoid valve, limit switch box, smart positioner, filter regulator, speed control
Protection	IP66/IP67; ATEX (2014/34/EU) options
Valves	Ball, butterfly, plug, knife gate



Pneumatic actuated valve with positioner and handwheel · representative image

Key features

- Fast open/close operation
- Fail-safe open or fail-safe closed position
- NAMUR accessory integration
- Supplied assembled and function-tested