

Sanitary Pneumatic Diaphragm Valve

This pneumatic diaphragm valve is designed for precise control of fluid flow in pharmaceutical and medical applications. Its stainless steel body and pneumatic actuator ensure reliable, automated operation, while the diaphragm design provides a leak-tight seal.



ADDITIONAL IMAGES



Overview

Sanitary Pneumatic Diaphragm Valve

This pneumatic diaphragm valve is engineered specifically for hygienic and aseptic processing environments, making it ideal for pharmaceutical and high-purity applications. It provides exceptional flow control and reliable open/close duty, featuring a design that eliminates external leakage paths to ensure process integrity. The robust construction supports both manual and pneumatic operation, offering flexible integration with control tops and solenoid valves.

Technical Specifications

Diaphragm Materials

- EPDM + PTFE (double layer)
- EPDM
- Silicon
- FPM (Viton)

Size Range	1"-4", DN25-DN100
Maximum Pressure	10 bar
Temperature Range	-20°C to +150°C (-4°F to +302°F)
Body Material	ASTM 316L, 1.4404, 1.4435 NB2
Connection Standards	Clamp, Weld, Thread, 3A, BPE, DIN, SMS, IDF, ISO

Compliance & Quality

Certifications

3A-54-02 / 1580 • PED 97/23 EC • FDA177.2600

Body Structure Options

- Straight
- Tee
- U-tee
- Tank bottom valve
- Multi-channel diaphragm