

Manual Sanitary Diaphragm Valve

This manual diaphragm valve is designed for use in sanitary applications requiring precise flow control. Its diaphragm design ensures leak-tight shutoff, making it suitable for a wide range of fluids and temperatures.



ADDITIONAL IMAGES



Overview

Sanitary Diaphragm Valve Overview

Designed for demanding sanitary and aseptic processes, this diaphragm valve provides reliable fluid control and on/off functionality. Its unique design ensures no path to the outside environment, making it ideal for pharmaceutical and hygienic applications. The mechanism prevents diaphragm compression, ensuring long-term durability and consistent sealing performance.

Technical Specifications

Operating Pressure	10 bar
Temperature Range	-20°C to +150°C
Available Sizes	1 inch, 4 inch, DN25, DN100

Materials & Construction

Diaphragm Material Options

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

Body Material	ASTM 316L, 1.4404, 1.4435 NB2 (Fe<0.5%)
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Configuration

Connection Standards

Clamp • Welding • Thread • 3A • BPE • DIN • SMS • IDF • ISO

Body Structure Types

- Straight through
- Three-way
- U-shaped three-way
- Tank bottom valve
- Multi-channel diaphragm valve

Compliance

Certifications

- 3A-54-02/1580
- PED 97/23 EC
- FDA 177.2600