

Product Overview

The VS-200 Series provides spring-driven emergency closure of high-pressure gas cylinder valves. The cylinder valve is opened manually, and pneumatic pressure holds the shutter mechanism in its set position. When this pressure is released, the spring mechanism closes the cylinder valve. Two torque versions are available to suit different valve requirements.

Key Features

- Durable metal gear mechanism
 - Simple manual setting and locking
 - Visual operating status indicator
- No electrical power supply required at the device
 - Spring-driven valve closure
 - Adjustable clamp-type installation

Technical Data

Models	VS-200 (standard) / VS-200H2 (high torque)
Valve closing torque	VS-200: 5.0–7.0 N·m / VS-200H2: 8.0–9.0 N·m
Valve opening / closing	Manual setting / spiral spring drive
Operating pressure	0.25–0.9 MPa (recommended: 0.35 MPa)
Pneumatic connection	6×4 mm tubing (push-in fitting)
Operating status	Visual colour indicator
Installation	Clamp-type mounting with height adjustment
Dimensions (W×H×D)	Approx. 188×296×173 mm
Weight	Approx. 3.0 kg



Pressure regulators, pneumatic tubing and external control components are not included.

Cylinder Valve Compatibility

Please provide the dimensions and, preferably, a photograph of your cylinder valve handwheel when ordering. Albatec will supply the appropriate adapter based on your valve configuration. The valve’s required closing torque must also be verified for correct model selection.

Safety Information

Actuation medium: Never use flammable gases, toxic gases, or oxygen-enriched gas mixtures for pneumatic actuation.
High-torque version: VS-200H2 must only be used with high-torque cylinder valves requiring a tightening torque of at least 8.0 N·m. Incorrect selection may damage the valve.

Appearance

Technical drawing of the VS-200 Automatic Cylinder Valve Shutter. The drawing includes a front view and a side view. The front view shows the main body (1), set lever (2), indicator (3), handle (4), operation control air inlet (5), cylinder fitting (6), clamp handle (7), installation height adjusting screw (8), and installation clamp (9). The side view shows the main body (1), set lever (2), indicator (3), handle (4), operation control air inlet (5), cylinder fitting (6), clamp handle (7), installation height adjusting screw (8), and installation clamp (9). Dimensions are provided: 173 mm for the main body width, 45 mm for the set lever height, 106 mm for the main body height, 74.5 mm for the indicator height, 46.3 mm for the handle height, 130 mm for the clamp handle height, and 130 mm for the installation clamp height.

1 Main body

2 Set lever

3 Indicator

4 Handle

5 Operation control air inlet

6 Cylinder fitting

7 Clamp Handle

8 Installation height adjusting screw

9 Installation clamp