

VS100 Series Slam-Shut

Commercial Service Reliability



VS100 Series

The VS100 Series slam-shut permits the gas flow to be cut off rapidly and totally in the case of under or over regulator pressure.

The VS100 Series consists of:

- A body with a removable orifice, enclosed by a bonnet
- A slam-shut device VSX4 Series

Product Advantages

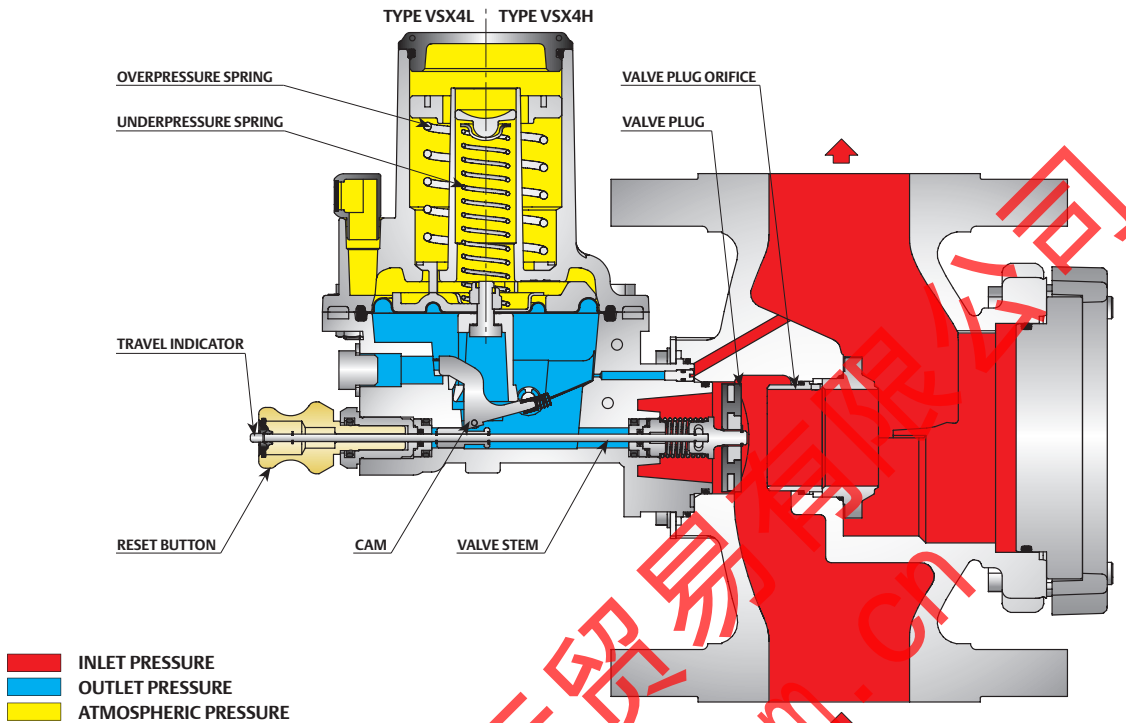
- Overpressure Shutoff and Underpressure Shutoff capability
- Manual trip system
- Travel indicator
- Bypass for the rearmament
- Rotation at 360° for easy installation and maintenance
- No specific tool for maintenance



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Operational Schematic



VS100 Series Features

Operation: Direct-Operated, Spring-Loaded
Body Sizes and Connections:
Medium Capacity Body (MC)
 NPS 1, 1-1/4, 1-1/2 Rp;
 NPS 1, 1-1/4, 1-1/2 NPT;
 NPS 1x2-1/4 Rp x GAZ (Ductile Iron);
 NPS 1-1/2 PN 16 slip on (Ductile Iron)
Maximum Inlet Pressure: Up to 16 bar / 232 psig
Maximum Allowable Pressure: 20 bar / 290 psig
Outlet Pressure Range:
Type VSX4L Low-Pressure Version
Underpressure Shutoff: 5 to 750 mbar / 0.07 to 10.9 psig
Overpressure Shutoff: 30 to 1600 mbar / 0.43 to 23.2 psig

Type VSX4H High-Pressure Version
Underpressure Shutoff: 0,5 to 2,8 bar / 7.3 to 40.6 psig
Overpressure Shutoff: 1,1 to 5,5 bar / 16 to 79.8 psig
Maximum Outlet (Casing) Pressure: 6 bar / 87 psig
Material Temperature Capabilities:
 -29° to 66°C / -20° to 150°F
Spring Case Vent Connection: 1/4 NPT
Pressure Registration: External
Body Material: Ductile Iron (GS) - Steel (WCC)

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The distinctive swirl pattern cast into every actuator casing uniquely identifies the regulator as part of the Fisher® brand Commercial Service Regulator family and assures you of the highest-quality engineering, performance, and support traditionally associated with Fisher, Francel™, and Tartarini™ regulators. Visit www.fishercommercialservice.com to access interactive applications.

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