



23 SERIES SDCV

SINGLE DIAPHRAGM CONTROL VALVE

Industry: Water
Working Pressure: 0 - 1,600kPa

Uses: Municipal, Mining and Infrastructure

> PRESSURE RELIEF

Respond to upstream pressure and slow closing to minimise water hammer used on pump sets to maintain pressure irrespective of system demand, by passing excess water.

> PRESSURE REDUCING

Maintain an accurate downstream pressure in high-rise multi storey buildings, to ensure correct pressures in combined mains at safe working limits.

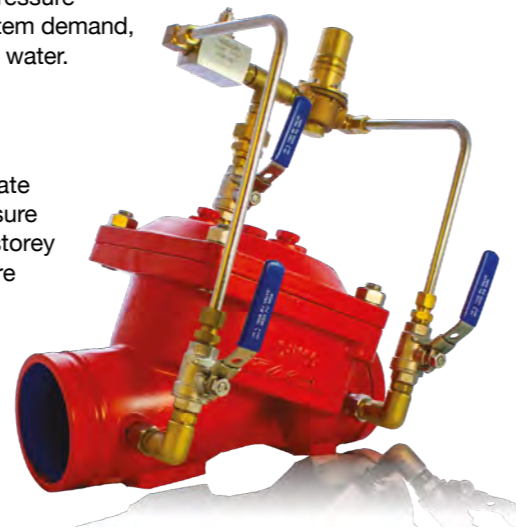
23 Series Single diaphragm control valve

> FLOAT

Maintain water level in fire tanks to ensure water is available to the system at all times during a fire; drip-tight positive seal, removable seat insert, in-line servicing.

> DELUGE

Are used in high hazard fire zones to provide suppressant to sprinkler zones when a fire is sensed. They are available in either air operated or solenoid operated versions.



Proud member of the HEROSE Group



Fire Protection

Mack Valves can design you the Fire Protection system your business needs to ensure the safety of both people and assets.

Learn more about our extensive range of Fire Protection products mackvalves.com

To speak directly to our specialist sales team to discuss your Fire Protection valve needs, or to get a personalised quote, call +61 3 9737 5200

Safety first

Trusted valves to protect lives and assets

YOUR MACK QUALITY GUARANTEE

Mack Valves Pty Ltd is committed to providing Australian and world markets with a range of industrial valves manufactured to the highest quality and in conformity with appropriate international standards. The Company will maintain its position as a recognised leader in valve design and manufacturing techniques at all times seeking to employ the world's best practice. The requirements and recommendations of ISO 9001:2015 have been adopted without exclusions as the basis for the Company's Quality Management System.



Safety first



For over eighty years, Mack Valves has been a uniquely Australian story designing, manufacturing and selling valves for not only the harshest of environments in Australia but to countries right around the globe.

Being in the safety industry, it's only natural that Mack Valves design and manufacture valves for the Fire Protection industry. Our history of quality, reliability and dependability ensures our product range can meet the strictest needs.

We supply a range of solutions for the most challenging of environments and have provided Fire Protection valves for some of Australia's best-known infrastructure projects including the Sydney Harbour Tunnel, Brisbane Airport Tunnel, CityLink and Melbourne's Eureka Tower.

Today we are proud to have top class engineers that can help you design the Fire Protection system that you need to ensure the safety of both people and assets.

Mack Valves is one of Asia Pacific's leading manufacturers of valves for a diverse range of industrial applications, with a particular focus on an extensive range of valves for the Fire Protection industry.

Mack Valves extensive range of Fire Protection products include:

- > **BALL FLOAT VALVES**
Fills the tank to a specified level
- > **HIGH LIFT RELIEF VALVES**
Valves for pressure relief
- > **REDUCING VALVES**
Control pressure down stream of the valve
- > **FLOW SWITCHES**
Determines flow through system without visual inspection
- > **Y-STRAINER**
Keeps your system clean
- > **23 SERIES SDCV**
Pilot operated control valve with multiple functions
- > **BESPOKE OPTIONS**
Non-standard materials to suit a customer's specific requirements



BALL FLOAT VALVES

- Materials:**
- Bronze
 - Stainless Steel
 - Cast Iron
- Sizes:**
- Flanged; 25-300mm
 - Screwed; 15-50mm
- Pressures:**
- 3,500kPa
 - 500psi
 - 35bar
- Temperatures:**
- 0°C to +83°C
- Connections:**
- Flanged
 - Screwed



HIGH LIFT RELIEF VALVES

- Materials:**
- Bronze
 - Stainless Steel
- Sizes:**
- Flanged; 15-150mm
 - Screwed; 15-50mm
- Pressures up to:**
- 9,000kPa
 - 1,305psi
 - 90bar
- Temperatures:**
- -196°C to +190°C
- Connections:**
- Flanged
 - Screwed
- *Available as a Relief or Safety valve



REDUCING VALVES

- Materials:**
- Bronze
 - Stainless Steel
- Sizes:**
- Flanged; 15-150mm
 - Screwed; 15-50mm
- Pressure Reductions up to:**
- 4,000kPa
 - 580psi
 - 40bar
- Temperatures:**
- -20°C to +190°C
- Connections:**
- Flanged
 - Screwed



FLOW SWITCHES

- Materials:**
- Bronze
- Sizes:**
- 25/32mm
- Pressures up to:**
- 2,000kPa
 - 290psi
 - 20bar
- Temperatures:**
- 0°C to +300°C
- Connections:**
- Screwed

*Supplied with a cover



Y-STRAINERS

- Materials:**
- Bronze
 - Stainless Steel
- Sizes:**
- 15-300mm
- Pressures up to:**
- 5,000kPa
 - 725psi
 - 50bar
- Temperatures:**
- -196°C to +190°C
- Connections:**
- Flanged
 - Screwed
 - Welded

All Mack Valves specified Fire Protection products hold an SSL/ActivFire Certification

All build options are available from Mack Valves on special order enabling clients to create their own specifications for their own specific needs, but our stock is based around common material specifications favoured by the Fire Protection industry.