



**Canadian
Stream
Valve**

SAFETY RELIEF VALVES AND PRESSURE REDUCING VALVES

COMPLETE RANGE OF INDUSTRIAL & AUTOMATION VALVES





CONVENTIONAL SAFETY RELIEF VALVE - CSV09

FEATURES

- * Spring loaded safety relief valve.
- * Full lift pop action design.
- * Close bonnet with packed lever.
- * Stellite nozzle & disc seating area.
- * Soft seat with P.T.F.E , PEEK & Viton (optional).
- * Balance bellows (optional).

TECHNICAL SPECIFICATIONS

- * Size : 1" x 2" to 8" x 10"
- * Rating : 150CL x 150CL to 2500CL x 300CL
- * End Connection : Flanged End
- * Blow Down Pressure : 10% less than of the set pressure
- * Hydrostatic Test Pr. : 1.5 times the set pressure
- * Over Pressure : 10% of the set pressure
- * Orifice Designation : D to T
- * Material : WCB, WC1, WC6, WC9, LCB, LCC, LC3, LC5, C5, C12, CF8, CF8M, CF3, CF3M, CF8C, CN7M, CD4MCu, Hastelloy, Inconel

STANDARD APPLICABLE

- * Design Standard : API 520
- * Seat Tightness Test : API 527
- * End Connection : Flanged to ASME B 16.5
Butt weld to ASME B 16.25



CONVENTIONAL SAFETY RELIEF VALVE - CSV81

FEATURES

- * Spring loaded safety relief valve.
- * Full lift pop action design.
- * Close bonnet with packed lever.
- * Stellite nozzle & disc seating area.
- * Balance bellows (optional).

TECHNICAL SPECIFICATIONS

- * Size : 1" x 2" to 8" x 10"
- * Rating : 150CL x 150CL to 2500CL x 300CL
- * End Connection : Flanged End
- * Blow Down Pressure : 10% less than of the set pressure
- * Hydrostatic Test Pr. : 1.5 times the set pressure
- * Over Pressure : 10% of the set pressure
- * Orifice Designation : D to T
- * Material : WCB, WC1, WC6, WC9, LCB, LCC, LC3, LC5, C5, C12, CF8, CF8M, CF3, CF3M, CF8C, CN7M, CD4MCu, Hastelloy, Inconel

STANDARD APPLICABLE

- * Design Standard : API 520
- * Seat Tightness Test : API 527
- * End Connection : Flanged to ASME B 16.5
Butt weld to ASME B 16.25





CONVENTIONAL SAFETY RELIEF VALVE - CSRV

FEATURES

- * Spring loaded safety relief valve.
- * Full lift pop action design.
- * Close bonnet with packed lever.
- * Stellite nozzle & disc seating area.
- * Loose Flange design.

TECHNICAL SPECIFICATIONS

- * Size : ½" x 1" to 2" x 2"
- * Rating : 150CL & 300CL
- * End Connection : Flanged End
- * Blow Down Pressure : 10% less than of the set pressure
- * Hydrostatic Test Pr. : 1.5 times the set pressure
- * Over Pressure : 10% of the set pressure
- * Orifice Designation : D to G
- * Material : WCB, WC1, WC6, WC9, LCB, LCC, LC3, LC5, C5, C12, CF8, CF8M, CF3, CF3M, CF8C, CN7M, CD4MCu, Hastelloy, Inconel

STANDARD APPLICABLE

- * Design Standard : API 520
- * Seat Tightness Test : API 527
- * End Connection : Flanged to ASME B 16.5



CONVENTIONAL SAFETY RELIEF VALVE - CSRV05

FEATURES

- * Spring loaded safety relief valve.
- * Full lift pop action design.
- * Close bonnet with packed lever.
- * Stellite nozzle & disc seating area.
- * Soft seat with P.T.F.E , PEEK & Viton (optional).

TECHNICAL SPECIFICATIONS

- * Size : ¼" to 2"
- * Rating : 150CL , 300CL & 600CL
- * End Connection : Screwed, Socket weld, Butt weld & Flanged end
- * Blow Down Pressure : 10% less than of the set pressure
- * Hydrostatic Test Pr. : 1.5 times the set pressure
- * Over Pressure : 10% of the set pressure
- * Orifice Designation : D to G
- * Material : WCB, WC1, WC6, WC9, LCB, LCC, LC3, LC5, C5, C12, CF8, CF8M, CF3, CF3M, CF8C, CN7M, CD4MCu, Hastelloy, Inconel

STANDARD APPLICABLE

- * Design Standard : API 520
- * Seat Tightness Test : API 527
- * End Connection : Screwed to ASME B 1.20.1
Socket weld to ASME B 16.11
Flanged to ASME B 16.5
Butt weld to ASME B 16.25





CONVENTIONAL SAFETY RELIEF VALVE - CSRV81

FEATURES

- * Spring loaded safety relief valve.
- * Full lift pop action design.
- * Close bonnet with packed lever.
- * Stellite nozzle & disc seating area.

TECHNICAL SPECIFICATIONS

- * Size : ¼" to 2"
- * Rating : 600CL to 2500CL
- * End Connection : Screwed, Socket weld, Butt weld & Flanged end
- * Blow Down Pressure : 10% less than of the set pressure
- * Hydrostatic Test Pr. : 1.5 times the set pressure
- * Over Pressure : 10% of the set pressure
- * Orifice Designation : D to G
- * Material : SS304, SS316, SS304L, SS316L, Hastelloy, Inconel, Duplex Stainless Steel

STANDARD APPLICABLE

- * Design Standard : API 520
- * Seat Tightness Test : API 527
- * End Connection : Screwed to ASME B 1.20.1
Socket weld to ASME B 16.11
Flanged to ASME B 16.5
Butt weld to ASME B 16.25



PILOT OPERATED PRESSURE REDUCING VALVE

This series valves are designed to use on steam, compressed air, nitrogen and other gases compatible with the construction and they can be installed on pressure reducing stations throughout all industries. Internally pilot & piston operated pressure reducing valves are versatile type for accurate regulation with widest possible range of flow.

The internally pilot controlled pressure reducing valves are best suitable for use in continuous distribution application. The downstream pressure is sensed below stainless steel diaphragm which is balanced by the spring tension. Increasing spring tension increase outlet pressure and viceversa. The additional sense line provision of valves improves performance and accuracy of outlet pressure. A positive tight shut off ensured by accurate guiding of the pilot & the main valve assembly.

TECHNICAL SPECIFICATIONS

- * Size : 1" to 10"
- * Rating : 150CL & 900CL
- * Max. Inlet Pressure : 25 to 1500Psig
- * Max. Outlet Pressure : 0 to 600Psig
- * Max. Temp. Range : -40 Deg C to 425 Deg C
- * Applicable Media : Steam, Air, Gas, Liquid
- * Material : WCB, WC1, WC6, WC9, LCB, LCC, LC3, LC5, C5, C12, CF8, CF8M, CF3, CF3M, CF8C, CN7M, CD4MCu, Hastelloy, Inconel





PRESSURE REDUCING VALVE - PRV

This series are general purpose selfoperated pressure reducing valve suitable forcontrolling many kinds of fluids. These self acting valves keeps the outlet pressure constant irrespective of variation in inlet pressure and flow through the valve. Different soft sealing discs are available for various fluids for wide pressure and temperature range up to 190C. Stainless steel diaphragms are available for higher temperatures service. These valve have built in safety feature against high inlet pressure. This series valves are generally used for pressure settings lower than 1500 mmwc(0.15barg). This valves can control downstream pressure as low as 15mmwc.

FEATURES

- * Easy to maintain
- * Glandless construction
- * Tight shut off capability
- * Tamper resistant

TECHNICAL SPECIFICATIONS

- * Size : 1" to 10"
- * Rating : 150CL & 900CL
- * Max. Inlet Pressure : 25 to 1500Psig
- * Max. Outlet Pressure : 0 to 600Psig
- * Max. Temp. Range : -40 Deg C to 425 Deg C
- * Applicable Media : Steam, Air, Gas, Liquid
- * Material : WCB, WC1, WC6, WC9, LCB, LCC, LC3, LC5, C5, C12, CF8, CF8M, CF3, CF3M, CF8C, CN7M, CD4MCu, Hastelloy, Inconel



PRESSURE REDUCING VALVE HV-PRV-02

This model is used for general service. Self contained pressure reducing regulators. Unit handles inlet pressure up to 400Psig (27.6 Barg) and outlet pressure from 2 to 250Psig (0.14 to 17.2 Barg) in multiple spring ranges. It is utilize for the majority of industrial pressure reducing application.

FEATURES

- * Easy to maintain
- * Portable design
- * High flow capacity

TECHNICAL SPECIFICATIONS

- * Size : ¼" to 2"
- * Rating : 150CL & 300CL
- * Max. Inlet Pressure : Up to 400Psig
- * Max. Outlet Pressure : 2 to 250Psig
- * Max. Temp. Range : Up to 250 Deg C
- * Applicable Media : Steam, Air, Gas, Liquid
- * Material : WCB, WC1, WC6, WC9, LCB, LCC, LC3, LC5, C5, C12, CF8, CF8M, CF3, CF3M, CF8C, CN7M, CD4MCu, Hastelloy, Inconel





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