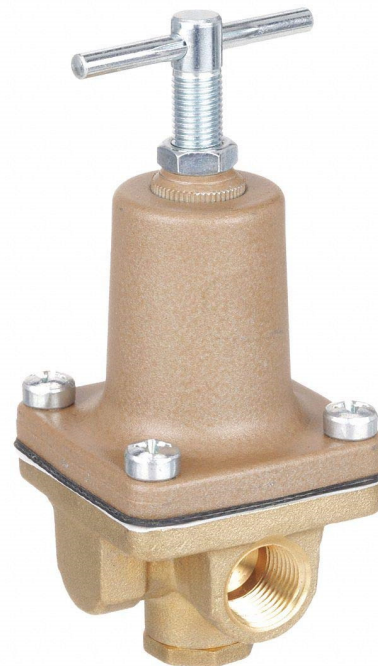




## ASVIN HIGH PRESSURE REGULATING VALVE



Pressure Reducing Valve is often referred to as a pressure regulator. The valve uses spring pressure against a diaphragm to open the valve. When the outlet pressure drops below the set point of the valve, the spring pressure overcomes the outlet pressure and forces the valve stem downward, opening the valve. A Pressure regulating valve is the same as a pressure reducing valve. The valve reduces incoming pressure to a set pressure. The pressure regulating valve maintains pressure downstream to a specific input. ASVIN PRV is a self-operated pressure regulating valve for use on high pressure industrial gas and liquid services to 4000 psi (276 bar). The ASVIN Valve features exceptional accuracy with high flow capacities and simple in-line maintainability. For durability and dependable service, the 1/4" - 1" valves are constructed of total bar stock, with all stainless steel components. Valve plugs are available with either hard or soft seats and balanced trim is available with either seat type.

## **ASIAN INDUSTRIAL VALVES AND INSTRUMENTS**

### **CHENNAI-600037**

- High pressure gas service
- High pressure non-cavitating liquid service
  
- Heavy duty construction – bar stock body, Stellite trim and high-strain bolting ensuring integrity of pressure containing parts
- Optimized trim design – various piston sizes, spring selections and balanced trim combine to provide excellent performance across a wide range of operating conditions
- Tight shutoff – ANSI Class III, Class IV or Class VI shut-off available
- High pressure inlet pressure up to 4000 psi (276 bar) with set points as high as 3000 psi (207 bar)
- High flows

Seat Type: Stellite, Teflon

Sizes: 1/4", 1/2", 3/4", 1" (DN10, DN15, DN20, DN25)

End Connections: Threaded, socket weld, flanged, others

Body Materials: 316L Stainless Steel, Hastelloy C, Monel, Alloy 20, others

Cv (Kv) Values : 0.5, 1.0, 2.5 (0.4; 0.86; 2.1)

Spring Range: 250 – 3000 psi (17.2 – 207 bar)



## **ASIAN INDUSTRIAL VALVES AND INSTRUMENTS**

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