

## Pressure Relief / Pressure Sustaining Valve



### Description

In Pressure Relief Valves, the pilot senses the upstream pressure through a connection to the valve inlet. The valve and pilot remain closed until the inlet pressure exceeds the pilot setting. The valve opens rapidly to relieve damaging overpressure and closes smoothly at an adjustable speed, when the pressure returns below the set-point. The upstream pressure is limited to the pilot set-point

### Features

- ✓ Limits system pressure by relieving excess flow
- ✓ Quick opening relief
- ✓ Easily adjustable pressure setting

### Typical Applications

- ✓ Isolation valve
- ✓ Booster pump
- ✓ Pump suction Line

### Technical Specification

- ✓ Valve body Type : Globe Type/ Angle Type
- ✓ Body : Ductile Iron ASTM A 536
- ✓ Bonnet : Ductile Iron ASTM A 536
- ✓ Available Sizes : 50mm – 1000mm
- ✓ Stem : Stainless Steel 316
- ✓ Diaphragm : EPDM
- ✓ Strainer : Brass
- ✓ Pressure Relief Pilot : Brass/Stainless Steel
- ✓ Needle Valve : Brass
- ✓ Tubing & Fittings : Copper, Brass, Stainless Steel
- ✓ Pressure rating : PN10, PN16, PN25
- ✓ Coating : Non Toxic Epoxy