

Pressure Reducing Valve



Description

The Pressure Reducing Valves sense the downstream pressure through a connection at the valve outlet. Under flowing conditions, the pilot reacts to small changes in pressure to control the valve position by modulating the pressure above the diaphragm. The downstream pressure is maintained virtually steady at the pilot set-point.

Features

- ✓ Ideal for maintaining accurate downstream pressure
- ✓ Responds quickly and effectively

Typical Applications

- ✓ High pressure supply main
- ✓ Smaller PR valve for low flow, if required
- ✓ Lower relatively steady pressure supply to users

Technical Specifications

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
Seat Ring	Stainless steel 316
Diaphragm	EPDM
Strainer	Brass
Pressure Relief Pilot	Brass/Stainless Steel
Check Valve	Brass
Tubing & Fittings	Copper, Brass, Stainless Steel
Pressure Rating	PN10, PN16, PN25
Coating	Non Toxic Epoxy