



Direct Acting Pressure Reducer

with Manual Closure

2"- PRV

The BERMAD Direct Acting Pressure Reducer is actuated by a pressure responsive piston, which seeks to reach equilibrium between hydraulic and set spring force. The BERMAD Model 2"-PRV brass body and reinforced plastic actuator assembly endow it with excellent hydraulic performance capabilities and particularly high mechanical strength. Supplied with a special throttling plug, it reduces higher upstream pressure to lower constant downstream pressure even under conditions of near zero demand, and seals drip-tight under no-flow conditions.



Features and Benefits

- Metal Body and Advanced Construction Materials
 - Suitable for metal piping installations
 - Rigid construction, high stress resistance
 - Proven pressure, flow and weather resistance
- Direct Acting Pressure Reducer with Manual Closure
 - Protects downstream
 - Immediate response
 - Enables local manual closing
- Throttling Plug with Nitril Seal Disk
 - Accurate and stable low-flow regulation
 - Drip-tight sealing under no-flow conditions
- Piston and Guided Plug Actuated
 - Accurate and repeatable operation
- Can be installed at any orientation

Typical Applications

- Primary PRV for High ΔP Pressure Reducing Systems
- Pressure Zoning in Topographic Areas
- Secondary Protection of Sensitive Lines
- Pressure Reduction for Marginal Plots



- [1] BERMAD Model 2"-PRV establishes a reduced pressure zone for lower elevation plots, protecting laterals and distribution line.
- [2] BERMAD Solenoid Controlled Valve Model IR-110-N1
- [3] BERMAD Solenoid Controlled Valve Model IR-210-N-M
- [4] BERMAD Vacuum Breaker Model 1/2"-ARV

