



# 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  $\Delta P$  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



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