



## Quick Pressure Relief Valve

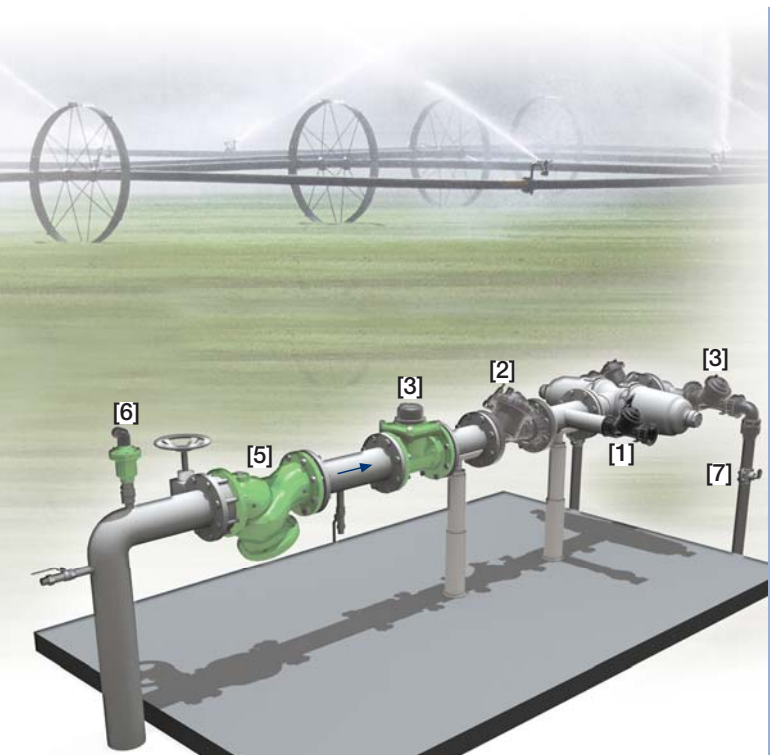
IR-13Q

The BERMAD Quick Pressure Relief Valve is a hydraulically operated, diaphragm actuated control valve that relieves excessive line pressure when it rises above the preset maximum. It responds to rises in system pressure immediately, accurately and with high repeatability, by opening fully. The BERMAD Model IR-13Q provides smooth drip tight closing.



### Features and Benefits

- Hydraulic Pressure Control
  - Line pressure driven
  - Long term drip tight sealing
  - Long term setting stability
  - Wide setting range
  - Tight setting window with minimal hysteresis
- Engineered Plastic Valve with Industrial Grade Design
  - Adaptable on-site to a wide range of end connection sizes and types
  - Articulated flange connections eliminate mechanical and hydraulic stresses
  - Highly durable, chemical and cavitation resistant
- hYflow 'Y' Valve Body with "Look Through" Design
  - Ultra-high flow capacity - Low pressure loss
- Unitized Flexible Super Travel (FST) Diaphragm and a Guided Plug
  - Accurate and stable regulation with smooth closing
  - Requires low opening and actuation pressure
  - Prevents diaphragm erosion and distortion
- User-Friendly Design
  - Easy pressure setting
  - Simple in-line inspection and service



### Typical Applications

- System Burst Protection
- Momentary Pressure Peak Elimination
- System Failure Visual Indication
- Filter Burst Protection

- [1] BERMAD Model IR-13Q protects filter and system from over pressure.
- [2] BERMAD Pressure Reducing Valve Model IR-120
- [3] BERMAD On/Off Valve Model IR-105-Z
- [4] BERMAD Water Meter Model WPH
- [5] BERMAD Strainer Model 70F
- [6] BERMAD Air Valve Model ARC-A-I-I
- [7] BERMAD Vacuum Breaker Model 1/2" ARV

