



Filter Backwash Flow Control Valve

IR-470-beKU

The BERMAD Filter Backwash Flow Control Valve is a hydraulically operated, diaphragm actuated control valve that limits filter system backwash flow to a constant preset maximum. This eliminates the risk of filtration element collapse or of grains being flushed out.



Features and Benefits

- Line pressure driven Hydraulic Flow Control
 - Prevents flushing out of grains or filtration element collapse
- Servo Flow Pilot Controlled
 - Dynamic integrated needle valve
 - Very low hysteresis
 - Easy flow setting
- Advanced Globe Hydro-Efficient Design
 - Unobstructed flow path
 - Single moving part
 - High flow capacity
- Fully Supported & Balanced Diaphragm
 - Requires low opening and actuation pressure
 - Excellent low flow regulation performance
 - Progressively restrains valve closing
 - Prevents diaphragm distortion
- Hydraulic Flow Sensor (upstream installation)
 - No moving parts
 - No need for flow straightening



Typical Applications

- Filter Stations
- Systems Subject to Varying Supply Pressure

[1] BERMAD Model IR-470-beKU Limits system backwash flow, preventing flushing out of grains.

[2] BERMAD Filter Backwash Hydraulic Valve Model IR-3x2-350-A-I

