

Mark 56/560

Brand: Jordan Valve



Short Description

Dome Loaded, High Accuracy The Mark 56/560 Series dome loaded back pressure regulator revolutionizes back pressure control by eliminating mechanical springs in favor of precise air loading. This means you can adjust setpoints on-the-fly to match changing process conditions – no more manual spring changes, no more compromise setpoints, no more shutdowns for pressure adjustments. Whether optimizing batch processes, responding to seasonal demand changes, or fine-tuning system performance, you now have complete control at your fingertips. Configure control exactly how your operation needs it. Couple with an I/P transducer for seamless integration with your DCS or PLC, enabling remote setpoint changes and automated pressure profiles. For local control, pair with a Mark 12 loading station or LowFlow JR regulator for precise manual adjustment. This flexibility of this dome loaded back pressure regulator means operators can optimize pressure from the control room during normal operation, while maintenance staff retain local control capability for commissioning and troubleshooting.

Description

Universal Service Reliability One valve design handles your entire spectrum of process fluids – high-temperature steam, compressed air systems, natural gas distribution, liquid chemicals, or corrosive services. The all-metal construction (2? and under) eliminates elastomer degradation concerns, while the sliding gate design delivers consistent performance across all media types. This versatility simplifies spare parts inventory and maintenance training while ensuring reliable operation in any service.

Performance That Responds to Your Process The sliding gate's short stroke and straight-through flow path deliver immediate response to both process changes and setpoint adjustments. Reduced turbulence means quieter operation and less erosion, while easily interchangeable Cv's

let you optimize for changing flow requirements. Tight shutoff prevents waste and maintains system efficiency during no-flow conditions. Benefits: Eliminate downtime for spring changes or pressure adjustments Enable automated pressure control strategies through DCS integration Reduce inventory costs with one valve style for multiple services Improve process flexibility with instant setpoint changes Enhance safety through remote adjustment capability in hazardous areas Optimize efficiency by matching pressure to real-time process demands The Mark 56/560 Series brings intelligent, adaptable pressure control to operations that demand flexibility without sacrificing reliability. Sizes: 1/2" – 6" (DN15 – DN150) Cv (Kv): up to 395 (up to 340) Diaphragm: Jorlon, Stainless Steel, Buna-N, Viton Setpoint: up to body ratings Body Material: Ductile Iron, Bronze, Carbon Steel, Stainless Steel, Cast Iron End Connection: Threaded, Flanged, Socket Weld, Butt Weld