



Type 14 Pneumatic Diaphragm Standard Feature

- Rugged square body and bonnet are of solid thermoplastic for maximum corrosion resistance
- Uniquely designed body and bonnet together with diaphragm of new sealing design by the state-of-the-art computer aided analysis for superior sealing
- Weir design for excellent throttling
- NAMUR pad mount for easy installation of solenoid valve
- Fully vacuum rated
- Bubble-tight sealing, even in application such as slurries or those with suspended particles
- Bonnet seal to protect internal from corrosive environment
- Adjustable travel stop to prevent diaphragm from being over-tightened
- Bayonet structure to connect compressor and diaphragm for quick maintenance
- Integrally molded bottom stand for simple yet firm panel mounting
- Indicator at the top for valve position
- PVDF gas barrier, which protects EPDM backing from gas permeation, is standardized for PVDF valve
- Low profile

Option

- Solenoid valve in all NEMA rating and voltage
- Limit switches for interface with computer and other equipment
- Positioner : 3 – 15mA and 4 – 20mA input for throttling application 4 – 20mA output for interface with computer and other equipment
- Manual over-ride for Air-to-Spring



Type 14 Flanged Diaphragm Standard Feature

- Flanged (ANSI) face-to-face dimensions are equivalent to most commonly used metallic valve
- Rugged body and bonnet are of solid thermoplastic for maximum corrosion resistance
- Uniquely designed body and bonnet together with diaphragm of new sealing design by computer dynamic analysis for superior sealing
- Weir design for excellent throttling
- Bubble-tight sealing, even in application such as slurries or suspended particles
- Bonnet seal to protect internal from corrosive environment
- Built-in travel stop to prevent over-tightening or compressive strain on diaphragm
- Integrally molded bottom stand for simple yet firm panel mounting
- Indicator at the top for indication of valve position and prevention of over-tightening
- PVDF Gas Barrier, which protects EPDM backing from gas permeation, is standard for PVDF valve
- Low profile
- 1/2" - 2" in bayonet structure to connect compressor and diaphragm – easy diaphragm replacement

Option

- PVDF gas barrier for aggressive fluid
- 2" square nut
- "T" operating nut for remote operation
- Stem extension (single and two-piece design)
- Locking device for tamper-proofing
- Manual limit switches for remote position indication by light or for sequencing of other equipment
- Pneumatic (all sizes) or electric (to 3") actuation