



# BLADDER ACCUMULATORS

Freudenberg Sealing Technologies Bladder Accumulators are designed for industrial and commercial fluid power applications by making use of the relative compressibility of an inert gas versus a fluid, and are one of the most commonly used components in industrial and commercial fluid power systems worldwide. They are utilized for a wide variety of applications, including: energy storage, shock or pulsation dampening, leakage compensation, thermal expansion, energy conservation/supplement pump flows, noise reduction, and improved fluid system response times.

Our Bladder Accumulators are constructed of high strength seamless chrome moly carbon steel shells, with high grade elastomeric bladders, which are assembled in accordance with ASME pressure vessel standards. Available in a variety of industry standard capacities and pressures, the bladder type excels at absorbing system shocks and pulsations, especially those of high frequency/low modulation.

Widely used and accepted in global industry, the bladder type is available with a variety of optional port connections and anti-corrosive coatings, both externally and internally. Due to the internal membrane, the bladder-type accumulator is highly resistant to fluid contaminants, and can be assembled to function in lower temperature environments if necessary.

## VALUES FOR THE CUSTOMER

- Widely accepted industry-standard design
- Quick response to fluid system demands
- Very contaminant tolerant
- Completely repairable
- A variety of models available, in stock and ready to ship

