

PVDF Diaphragm Accumulator

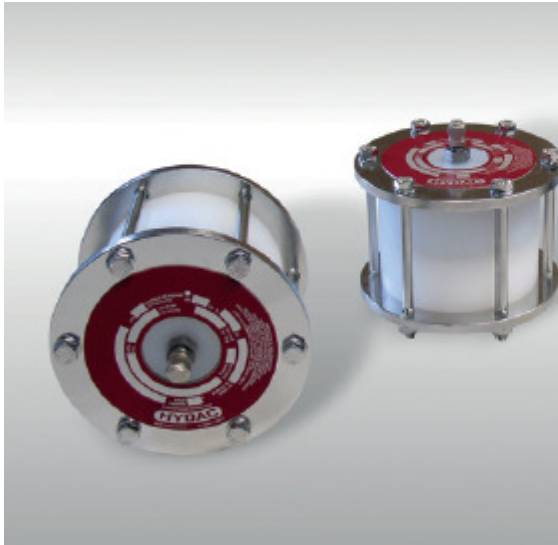
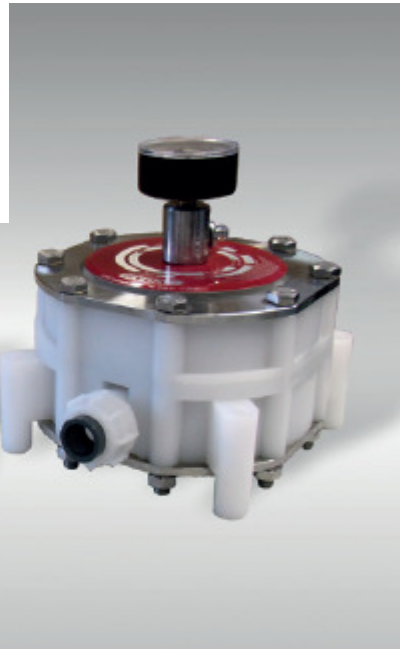
PVDF 聚偏氟乙烯隔膜式蓄壓器

HYDAC Technology



TECHNICAL DATA

- Nominal volume: 0.08 ... 0.5 litres
- Perm. operating pressure: up to 25 bar
- Perm. operating temperature: 0 ... +60 °C
- Materials:
 - Shell: PVDF
 - Diaphragm: PTFE/NBR



CHARACTERISTICS

Universal - Flexible - Effective

The HYDAC diaphragm accumulator pulsation damper in PVDF* with PTFE diaphragm is resistant to almost all fluids used in hydraulic systems and power units. This accumulator is therefore universally applicable, particularly in metering technology and the chemical industry.

The accumulator can be installed inline very quickly via its two fluid connections. It has numerous possible applications using different types of connection, making it extremely versatile. A deflector in the fluid connection channels the flow directly onto the diaphragm.

Therefore direct contact between the flow and the diaphragm is maintained. Flow rate fluctuations are therefore counterbalanced by the gas volume contained in the accumulator.

* =Polyvinylidene fluoride (PVDF)

BRANCHES

- Chemical industry
- Food industry
- Process technology
- Water applications

ADVANTAGES

- Extremely high resistance of diaphragm and accumulator shell to almost all operating media
- The accumulator can be used for temperatures up to 60 °C
- Practically no resistance tests are necessary