Bladder accumulator EBV

The robust gas filling valve allows a quick pressure monitoring and adjustment to new operating conditions.

The bladder offers a clear separation between gas and fluid.

The practically inertia free and frictionless bladder deformation guarantees an efficiency of nearly 100%.

The deformation of the trefoil shaped bladder premature wear due to rubbing or mechanical constraints.

The punched screen protects the bladder when it is being emptied or when the accumulator is only gas filled.

Fluid relief valve.

The big connecting flange is ideal for pulsation damper applications.
Safety

Economic efficiency

Numerous mobile and stationary installations only run with low pressure. To meet this demand, OLAER has developed a range of attractively priced bladder accumulators, which are by far lighter than high pressure accumulators.

The **EBV** series accumulators offer:

### SAFETY

**Inherent to the accumulator concept:**
- Minimum pressure loss due to the robust gas filling valve
- Clear separation between gas and fluid
- Exclusive use of static seals
- The punched screen protects the bladder when it is being emptied or when the accumulator is only gas filled.

**While using the shock absorber:**
- The **EBV** series accumulators lend themselves to nearly all types of applications (gas pressure is limited to 20 bar)
- Ideal for high frequency applications
- Also operates in installations, where the accumulator remains "loaded" during months and is only used in case of emergency
- Ideal in pulsation damper applications, in water, oil and chemical products treatment installations.

### ECONOMIC EFFICIENCY

**Linked to the accumulator service life:**
- The bladder mostly determines the lifetime and the cost effectiveness of a hydraulic accumulator:
  - The deformation of the trefoil shaped bladder premature wear due to rubbing or mechanical constraints.
  - Dynamic seals are superfluous as no metallic moving pieces are used.

**Linked to the maintenance:**
- Bladder accumulator only requires minor maintenance, limited to periodic pressure checks
- The robust gas valve guaranties an excellent seal
- All **EBV** accumulators are dismountable

The **EBV** series accumulators are recommended for any low pressure applications where it is required to act as a buffer, thus fulfilling an important safety function.

A safety component must be a 100% reliable. **EBV** series accumulators offer this reliability.