

# 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.

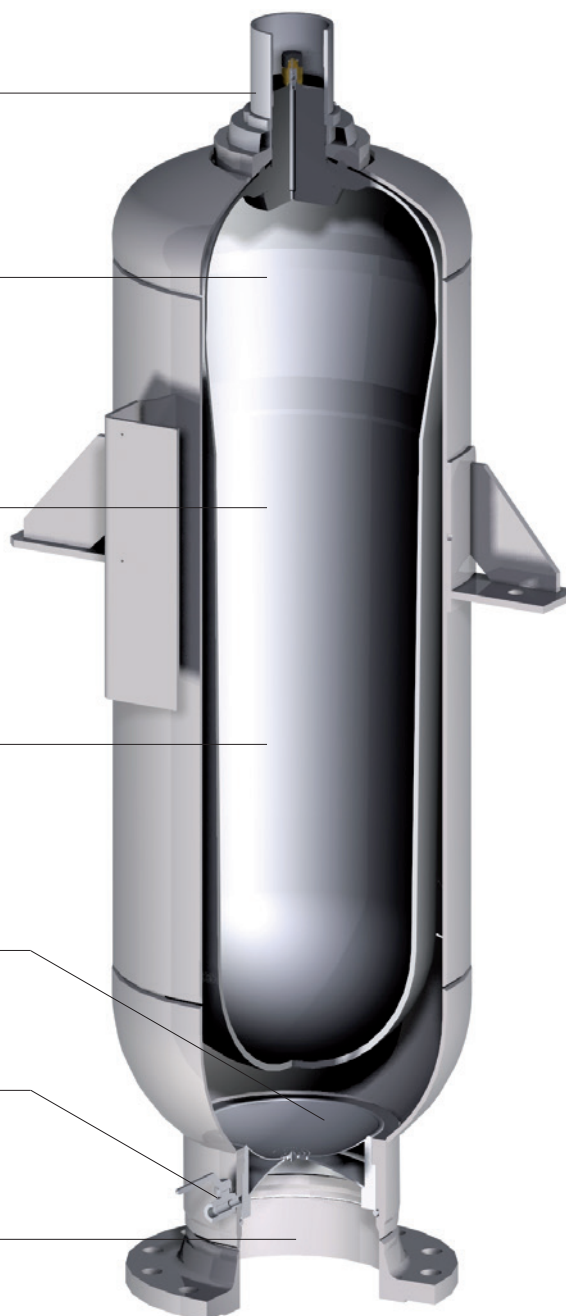
The practically inertia free and frictionless bladder deformation guaranties an efficiency of nearly 100 %.

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 installations only run with low pressure. To meet this demand, OLAER has developed a range of low pressure shock absorbers.

The **EBV** series absorbers offer:

## SAFETY

### Inherent to the shock absorber concept:

- Minimum pressure loss due to the robust gas filling valve
- Clear separation between gas and fluid
- Exclusive use of static seals
- Punched screen protecting the bladder when it is being emptied or when the shock absorber is only gas filled

### While using the shock absorber:

- The **EBV** series shock absorbers 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

The **EBV** series shock absorbers 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.

## ECONOMIC EFFICIENCY

### Linked to the shock absorber service life:

the bladder mainly determines the lifetime and the economic efficiency of a shock absorber:

No deformation of the trefoil shaped bladder or premature wear due to rubbing or mechanical constraints. Dynamic seals are superfluous as no metallic moving pieces are used.

### Linked to the maintenance:

- shock absorbers only require minor maintenance, limited to periodic pressure checks
- the robust gas valve guarantees an excellent seal
- all **EBV** shock absorbers are dismantlable