

Bladder accumulator EHV

The robust gas filling valve allows for 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%.

No deformation of the trefoil shaped bladder, premature wear due to rubbing or mechanical constraints.

Seamless tank for safe operation.

The fluid port assembly with rubber ring /retaining ring offers a neat contact surface for the bladder in case of pressureless fluid side.

Exclusive use of static seals.



Safety

Economic efficiency

The **EHV** series accumulators are to be considered as the top of the range for OLAER's accumulators

They offer:

SAFETY

Inherent to the accumulator concept:

- High strength steel securing optimal safety at permanent load and pressure peaks
- Seamless
- Minimum pressure loss due to the robust gas filling valve
- Clear separation between gas and fluid
- Exclusive use of static seals
- The fluid port assembly with rubber ring /retaining ring:
 - offers a neat contact surface for the bladder
 - protects the bladder while emptying and when the absorber is only filled with gas

While using the shock absorber:

- The **EHV** series accumulators lend themselves to nearly all types of applications
- Deal for high frequency applications
- Also operates in installations, where the accumulator remains "loaded" during months and is only used in case of emergency

The **EHV** series accumulator can be recommended everywhere, where important or safety functions have to be secured.

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

ECONOMIC EFFICIENCY

Linked to the accumulator service life:

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

No 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 guarantees an excellent seal
- All **EHV** accumulators are dismountable