

# Bladder accumulators 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 bladder accumulators series **EHV** is to be considered as the top of the range for OLAER's accumulators.

They offer:

## SAFETY

### Inherent to the shock absorber 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 bladder 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 bladder accumulators are recommended for any high 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. **EHV** series accumulators offer this reliability.

## ECONOMIC EFFICIENCY

### Linked to the bladder 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:

- Accumulators only requires minor maintenance, limited to periodic pressure checks
- The robust gas valve guaranties an excellent seal
- All **EHV** bladder accumulators are dismountable