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

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

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 guaranties an excellent seal
• All EHV accumulators are dismountable

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.