

## Bladder accumulator series EHV – CE

### Construction

Bladder accumulator with hydraulic valve, pressure vessel of forged steel, seamless, heavy duty gas inlet valve, detachable.

### Pre-Charge pressure PO

Between 0,9 P1 and 0,2 P2

Other pressure ratios on request.

### Temperature range

Standard model -20 °C to +80 °C

Other ranges on request.

### Volumetric flow Q

The max. values given in the selection table apply only for a vertical installation (hydraulic assembly downwards).

For horizontal installation or higher flow rates please contact OLAER.

### Hydraulic fluids

Hydraulic oil (mineral oil)

Other mediums, such as biodegradable hydraulic oil, non-flammable liquids, water, emulsions, fuels, ect. should be specified at the time of ordering.

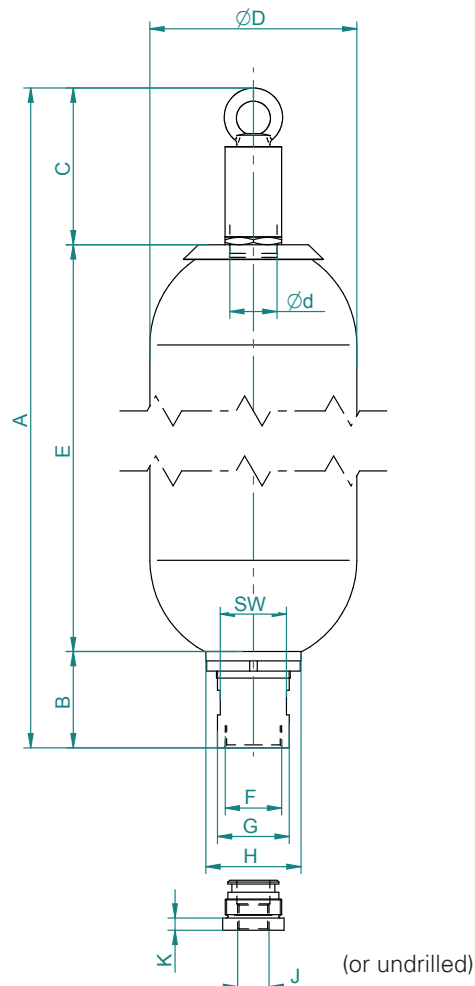
### Installation

Vertical (hydraulic assembly downwards) to horizontal.

Leave a space of 200 mm free above the gas inlet valve for attaching the tester and pressurizer instrument.

### Method of mounting

Clamps and brackets with rubber core, or mounting set, see data sheet OSP 775 and OSP 780 "Accumulator-Accessories".



| Model              | Gasvol.<br>V0<br>liter | Design<br>pressure<br>bar | Weight<br><br>kg | Q<br>max.<br>l/min | Dimensions in mm |    |      |     |     |      |      |     |     |    |       |    |  |
|--------------------|------------------------|---------------------------|------------------|--------------------|------------------|----|------|-----|-----|------|------|-----|-----|----|-------|----|--|
|                    |                        |                           |                  |                    | A                | B  | C    | ø D | ø d | E    | F    | ø G | ø H | SW | J     | K  |  |
| EHV 1 – 690 / 90   | 1,1                    | 690                       | 9                | 360                | 376              | 68 | 69   | 122 | 22  | 239  | G 1" | 48  | 68  | 45 | G ½ " | 10 |  |
| EHV 2,5 – 690 / 90 | 2,4                    | 690                       | 15               | 360                | 551              | 68 | 69   | 122 | 22  | 414  | G 1" | 48  | 68  | 45 | G ½ " | 10 |  |
| EHV 5 – 690 / 90   | 5                      | 690                       | 29               | 360                | 900              | 68 | 69   | 122 | 22  | 763  | G 1" | 48  | 68  | 45 | G ½ " | 10 |  |
| EHV 12 – 690 / 90  | 11                     | 690                       | 97               | 900                | 768              | 84 | 166* | 261 | 50  | 518  | G 2" | 82  | 110 | 77 | G 1"  | 15 |  |
| EHV 20 – 690 / 90  | 18,8                   | 690                       | 134              | 900                | 978              | 84 | 166* | 261 | 50  | 728  | G 2" | 82  | 110 | 77 | G 1"  | 15 |  |
| EHV 32 – 690 / 90  | 35,2                   | 690                       | 227              | 900                | 1500             | 84 | 166* | 261 | 50  | 1250 | G 2" | 82  | 110 | 77 | G 1"  | 15 |  |
| EHV 50 – 690 / 90  | 49,2                   | 690                       | 318              | 900                | 2015             | 84 | 166* | 261 | 50  | 1765 | G 2" | 82  | 110 | 77 | G 1"  | 15 |  |

\* A special lifting adapter is necessary.

## Spare parts lists

Models: EHV 1 – EHV 50 liter

| Pos. | Part                                    |
|------|-----------------------------------------|
| 1    | Bladder assembly ød*                    |
| 2    | Bladder                                 |
| 3    | Gas inlet valve assembly                |
| 4    | Valve cap and gasket                    |
| 5    | Gas inlet valve and gasket              |
| 6    | Nut                                     |
| 7    | Protective cap                          |
| 8    | Hydraulic valve sub-assembly complete   |
| 9    | Anti-extrusions ring / retention washer |
| 10   | Gland ring                              |
| 11   | Ring nut                                |
| 12   | Hydraulic valve sub-assembly            |
| 13   | Gasket assembly (contains all gaskets)  |
| 14   | Flat seal                               |
| 15   | O-ring                                  |
| 16   | O-ring                                  |
| 17   | Retaining ring                          |
| 18   | O-ring                                  |
| 19   | Retaining ring                          |

## Important informations

- Certification: EHV series accumulators are manufactured, tested and documented according to the pressure equipment directive 2014/68/EC. Other certifications on demand.
- The technical data on the manufacturer's nameplate must be indicated on the order.
- The accumulator shell is not available as a spare part.
- Quality code used for the bladder.
- \* ød should be specified at the time of ordering.

Example:

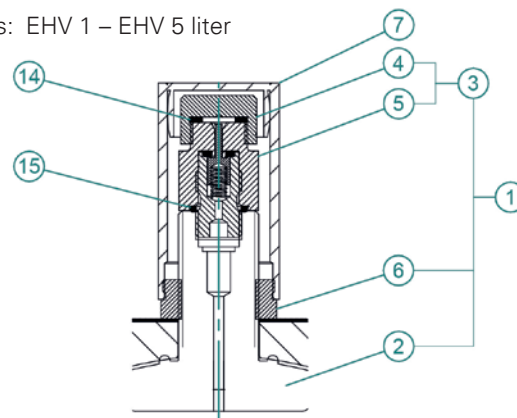
d = ø 22 mm

EHV 1 to EHV 5

d = ø 50 mm

EHV 12 to EHV 50

Models: EHV 1 – EHV 5 liter



Models: EHV 12 – EHV 50 liter

