

## 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).

Use Series DA accumulators for higher volumetric flows.

### 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.

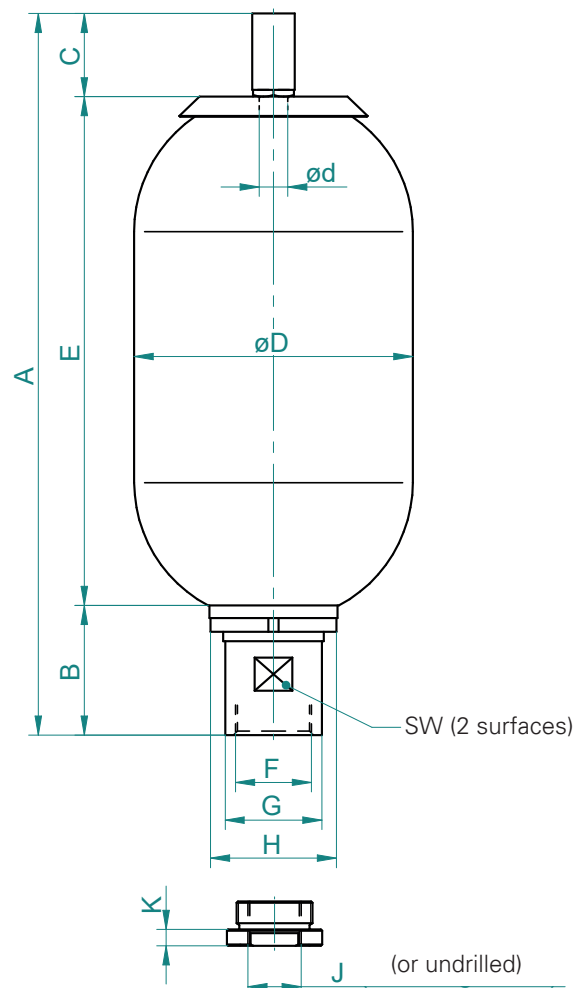
### Installation

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>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 0,2 – 350 / 00 *  | 0,17                   | 350                       | 2,5          | 120                | 266              | 38  | 29 | 58  | 16  | 199  | G ½"  | 27  | 38  | 24 | G ¼"   | 8  |
| EHV 0,5 – 350 / 00 *  | 0,6                    | 350                       | 3,0          | 240                | 258              | 54  | 28 | 91  | 16  | 176  | G ¾"  | 36  | 50  | 32 | G 3/8" | 8  |
| EHV 1 – 350 / 90 *    | 1                      | 350                       | 6,0          | 240                | 326              | 54  | 65 | 115 | 22  | 207  | G ¾"  | 36  | 50  | 32 | G 3/8" | 8  |
| EHV 1,6 – 350 / 90    | 1,6                    | 350                       | 8,0          | 240                | 396              | 54  | 65 | 115 | 22  | 315  | G ¾"  | 36  | 50  | 32 | G 3/8" | 8  |
| EHV 2,5 – 350 / 90    | 2,4                    | 350                       | 11           | 450                | 546              | 66  | 65 | 115 | 22  | 415  | G 1¼" | 53  | 68  | 50 | G ¾"   | 10 |
| EHV 4 – 350 / 90      | 3,7                    | 350                       | 15           | 450                | 401              | 65  | 35 | 170 | 22  | 301  | G 1¼" | 53  | 68  | 50 | G ¾"   | 10 |
| EHV 5 – 350 / 90      | 5                      | 350                       | 17           | 450                | 895              | 66  | 65 | 115 | 22  | 764  | G 1¼" | 53  | 68  | 50 | G ¾"   | 10 |
| EHV 6 – 350 / 90      | 6                      | 350                       | 20           | 450                | 557              | 65  | 65 | 170 | 22  | 427  | G 1¼" | 53  | 68  | 50 | G ¾"   | 10 |
| EHV 10 – 350 / 90 - L | 10                     | 350                       | 31           | 450                | 822              | 65  | 65 | 170 | 22  | 692  | G 1¼" | 53  | 68  | 50 | G ¾"   | 10 |
| EHV 10 – 330 / 90 - K | 9,2                    | 330                       | 31           | 900                | 583              | 103 | 65 | 222 | 22  | 415  | G 2"  | 76  | 101 | 70 | G 1"   | 13 |
| EHV 12 – 330 / 90     | 11                     | 330                       | 36           | 900                | 683              | 103 | 65 | 222 | 22  | 515  | G 2"  | 76  | 101 | 70 | G 1"   | 13 |
| EHV 20 – 330 / 90     | 18.2                   | 330                       | 49           | 900                | 893              | 103 | 65 | 222 | 22  | 725  | G 2"  | 76  | 101 | 70 | G 1"   | 13 |
| EHV 24 – 330 / 90     | 23                     | 330                       | 56           | 900                | 1028             | 103 | 65 | 222 | 22  | 860  | G 2"  | 76  | 101 | 70 | G 1"   | 13 |
| EHV 32 – 330 / 90     | 34                     | 330                       | 81           | 900                | 1418             | 103 | 65 | 222 | 22  | 1250 | G 2"  | 76  | 101 | 70 | G 1"   | 13 |
| EHV 42 – 330 / 90     | 42                     | 330                       | 87           | 900                | 1562             | 103 | 65 | 222 | 22  | 1394 | G 2"  | 76  | 101 | 70 | G 1"   | 13 |
| EHV 50 – 330 / 90     | 50                     | 330                       | 110          | 900                | 1939             | 103 | 65 | 222 | 22  | 1766 | G 2"  | 76  | 101 | 70 | G 1"   | 13 |
| EHV 57 – 330 / 90     | 54                     | 330                       | 116          | 900                | 2032             | 103 | 65 | 222 | 22  | 1864 | G 2"  | 76  | 101 | 70 | G 1"   | 13 |

## Spare parts lists

Models: EHV 0,2 – EHV 57 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                                  |

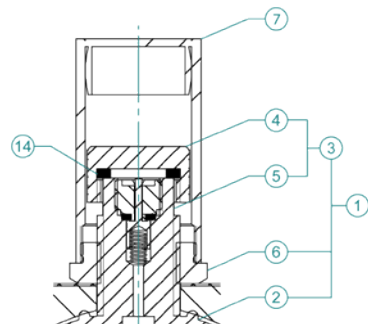
## Important informations

- 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.

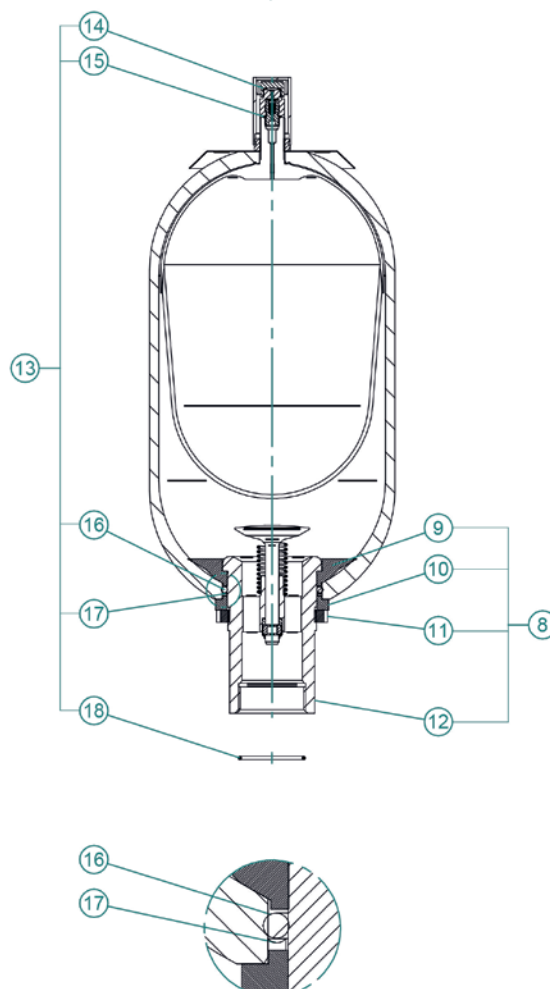
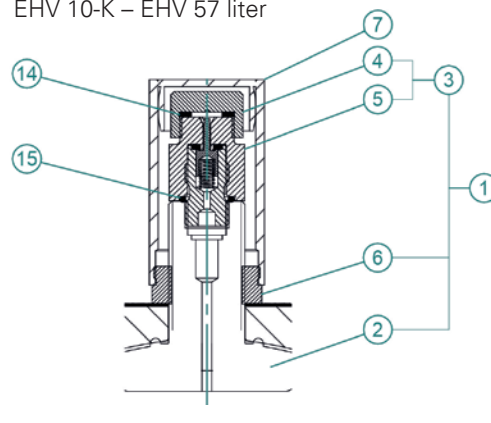
Example:

d = ø 16 mm EHV 0,2 and EHV ,  
d = ø 22 mm EHV 1 to EHV 57

Models: EHV 0,2 – EHV 10-L liter



Models: EHV 10-K – EHV 57 liter



Issued in accordance with PED 2014/68/EC with CE marked.

\*Issued in accordance with PED 2014/68/EC, article 4 clause 3 , without CE-marking.  
Manufacturer's tolerances not taken into account.

Additional approvals on request.

The right to make modifications reserved.