Membran accumulator series ELM – CE

**Construction**
Membrane accumulators with integrated disc, pressure vessel in steel, gas locking screw, not demountable.

**Pre-Charge pressure PO**
Ratio $P_{\text{max}}/P_0$ see range table.

**Temperature range**
Temperature range from -20 °C to +80 °C
Other ranges on request.

**Hydraulic fluids**
Standard execution for hydraulic oil (mineral oil).
Other membrane materials on request.

**Installation**
User-defined.
Leave a space of 200 mm free above the gas locking screw for attaching the tester and pressurizer VGU, this is to tighten with a torque of 2 Nm.

**Method of mounting**
With clamps see data sheet OSP 775 or by form A per outside thread M 33 x 1,5 and lock nut.

Special design according to customer requirements possible.

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**Model** | **Gas-vol. V0 / litre** | **Design pressure bar** | **Pmax / PO** | **Weight kg** | **Dimensions in mm**
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ELM 0,075 – 250 / 00 * | 0,075 | 250 | 8 : 1 | 0,7 | A B C D F G H I K SW Anschl. form
ELM 0,16 – 250 / 00 * | 0,16 | 250 | 8 : 1 | 1,0 | – – 29 15 32 B
ELM 0,32 – 210 / 00 * | 0,32 | 210 | 8 : 1 | 1,4 | – – 29 15 32 B
ELM 0,5 – 210 / 00 * | 0,5 | 210 | 8 : 1 | 2,6 | – – 34 22 41 B
ELM 0,75 – 210 / 00 * | 0,75 | 210 | 8 : 1 | 3,7 | 189 35 22 122 G ½” M 33 x 1,5 18 – 18 41 A
ELM 0,75 – 210 / 00 * | 0,75 | 210 | 8 : 1 | 3,6 | – – 34 22 41 B
ELM 1 – 210 / 00 * | 1 | 210 | 8 : 1 | 4,0 | 179 – – 34 22 41 B
ELM 1 – 210 / 00 * | 1 | 210 | 8 : 1 | 4,1 | 192 35 22 136 G ½” M 33 x 1,5 18 – 18 41 A
ELM 1,4 – 210 / 90 | 1,4 | 210 | 8 : 1 | 5,0 | 220 35 22 122 G ½” M 33 x 1,5 18 – 18 41 A
ELM 2 – 250 / 90 | 2,0 | 250 | 6 : 1 | 9,8 | 242 – – 33 18 41 B
ELM 2,8 – 250 / 90 | 2,8 | 250 | 4 : 1 | 11,3 | 268 – – 33 18 41 B
ELM 3,5 – 250 / 90 | 3,5 | 250 | 4 : 1 | 12,5 | 321 – – 33 18 41 B

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

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

The right to make modifications reserved.

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