

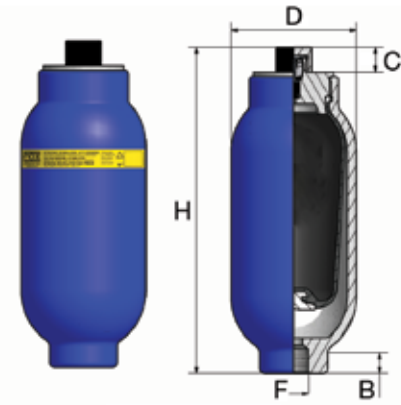


## Bladder Type Hydropneumatic Accumulators – HTR Series

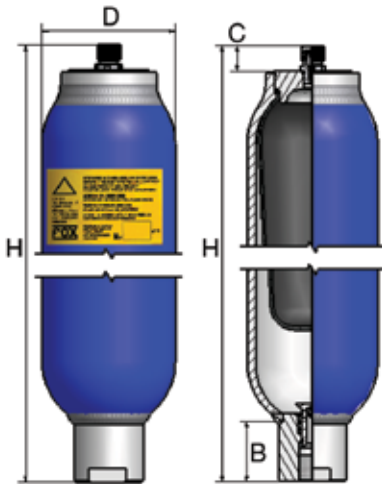
### Top Repairable

#### Technical Features:

- Maximum working pressure (PS): 310/250/210 /150 bar
- Test pressure (PT): PS x 1,43
- Body: made in painted carbon steel
- Working temperature (TS): from - 20°C to + 80°C
- Standard bladder: can be used with mineral oils and non corrosive fluids
- Installation position: from vertical (nitrogen valve upward) to horizontal position
- Compression Ratio:
  - recommended: P2/P0 = 2.5
  - maximum : P2/P0 = 4
- Mechanical life: the number of cycles is inversely proportional to the increase compression ratio
- Warranty: see dedicated page
- Spare parts: see dedicated page
- Available:
  - HTR .. T inside and outside zinc-plated body
  - inside and outside epoxy painted body
  - inside an outside nickel-plated body
  - special bladder: FPM – EPDM – Hytrel – Alcryn ecc...
  - bladders for working temperatures till 150 °C
  - HTR .. LT series for utilization oil temperature to - 40°C
  - hydraulic connection ½" BSP for the models marked with (\*)
  - special execution for high pressions



Drawing N°1



Drawing N°2

According to:

- 97/23/CE – PED
- 94/9/CE – ATEX II 2 G/D
- GOST – R (Russia)
- SELO (Cina)



| Article No.        | Max Pressure<br>Bar | Nitrogen Volume<br>Litre | Max Preload<br>Bar | H<br>mm | D<br>mm | C<br>mm | B<br>mm | Hydraulic Connection<br>F | Max Flow<br>Lt./Min | Weight<br>Kg | Draw No. | Price<br>£       | Price<br>€       |
|--------------------|---------------------|--------------------------|--------------------|---------|---------|---------|---------|---------------------------|---------------------|--------------|----------|------------------|------------------|
| <b>HTR1.5</b>      | 250                 | 1.5                      | 150                | 280     | 115     | 15      | 25      | M 18X1.5 *                | 40                  | 5.3          | 1        | <b>£194.80</b>   | <b>€204.50</b>   |
| <b>HTR1.5 /310</b> | 310                 | 1.5                      | 220                |         |         |         |         | M 18X1.5 *                |                     |              |          | <b>£278.80</b>   | <b>€292.80</b>   |
| <b>HTR2.5</b>      | 250                 | 2.5                      | 150                | 483     | 115     | 15      | 50      | ¾" BSP                    | 110                 | 11.5         | 2        | <b>£453.10</b>   | <b>€475.80</b>   |
| <b>HTR2.5/310</b>  | 310                 | 2.5                      | 220                |         |         |         |         | ¾" BSP                    |                     |              |          | <b>£621.20</b>   | <b>€652.30</b>   |
| <b>HTR4.5</b>      | 210                 | 4.5                      | 150                | 395     | 170     | 15      | 80      | 1 1/4" BSP                | 400                 | 15           | 2        | <b>£617.10</b>   | <b>€648.00</b>   |
| <b>HTR6.5</b>      | 210                 | 6.5                      | 150                | 520     | 170     | 20      | 60      | 1 1/4" BSP                | 350                 | 24           | 2        | <b>£766.80</b>   | <b>€805.10</b>   |
| <b>HTR10</b>       | 210                 | 10                       | 150                | 760     | 170     | 15      | 80      | 1 1/4" BSP                | 300                 | 31           | 2        | <b>£930.80</b>   | <b>€977.40</b>   |
| <b>HTR10/2</b>     | 150                 | 10                       | 100                | 540     | 220     | 15      | 125     | 2" BSP                    | 630                 | 33           | 2        | <b>£1,174.80</b> | <b>€1,233.60</b> |