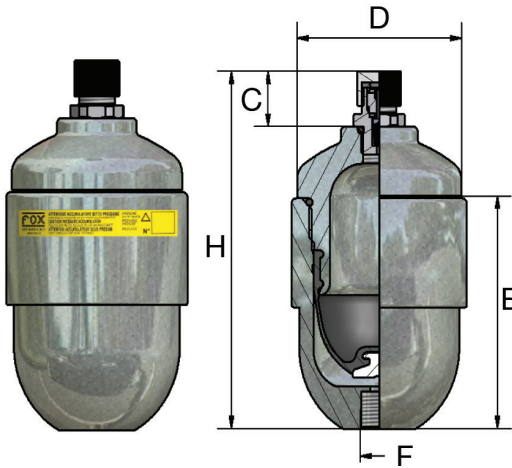




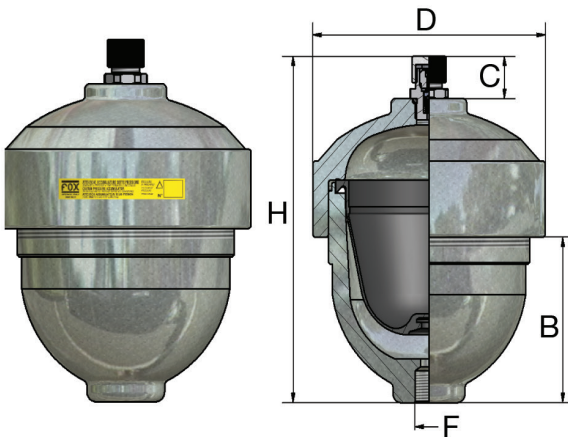
## Diaphragm Type Hydropneumatic Accumulators HST/300 Series

### Technical Features:

- Maximum working pressure (PS) : 300 bar
- Test pressure (PT) : PS x 1.43 bar
- Maximum precharge admissible : 210 bar
- Body: made in painted carbon steel
- Standard nitrogen valve : 5/8" UNF
- Constructive methodology: two different parts united with a special threading that under condition of dynamic pressure tends to self-block
- Working temperature for standard execution: from - 20°C to + 90°C
- Standard diaphragm: can be used with mineral oils and non corrosive fluids
- Installation: in every position
- Compression ratio:
  - recommended: P2/P0 = 2.5
  - maximum : P2/P0 = 6
- Mechanical life: the number of cycles is inversely proportional to the increase compression ratio
- Warranty: see dedicated page
- Spare parts: see dedicated page
- Available :
  - HST .. T inside and outside zinc-plated body
  - HST..LT with diaphragm suitable for working temperatures to -40 °C
  - HST .. M: rechargeable with nitrogen valve M28x1.5
  - HST .. V: not rechargeable with a fixed nitrogen preload in the factory
  - HST .. S: separator of fluid
  - hydraulic execution 1/2 BPS



Drawing 1



Drawing 2

According to:

- 97/23/CE – PED
- 94/9/CE – ATEX
- GOST – R (Russia)
- SELO (China)

Article No.	Max Pressure	Nitrogen Volume	Max Preload	H	D	B	C	Hydraulic Connection	Max Flow	Weight	Draw No.	Price
	Bar	Litre	Bar	mm	mm	mm	mm	F	Lt./Min	Kg		
<b>HST 0.05</b>	300	0.05	210	98	60	68	22	3/8" BSP	35	1.1	1	<p><b>PRICE ON REQUEST</b></p> <p><b>please contact our sales team for a quote on your next accumulator project</b></p> <p><b>sales@isisfluid.com</b> <b>01608 645755</b></p>
<b>HST 0.1</b>	300	0.12	210	141	80	94	22	M 18X1.5	45	2.1	1	
<b>HST 0.35</b>	300	0.35	210	152	101	100	22	M 18X1.5	50	3.2	1	
<b>HST 0.5</b>	300	0.5	210	175	124	120	22	M 18X1.5	60	5	1	
<b>HST 0.7</b>	300	0.7	210	218	100	80	22	M 18X1.5	55	5.5	1	
<b>HST 0.8</b>	300	0.8	210	185	138	85	22	M 18X1.5	60	5.8	2	
<b>HST 1.3</b>	300	1.3	210	232	125	180	22	M 18X1.5	55	7.9	1	
<b>HST 1.5</b>	300	1.5	210	270	138	160	22	M 18X1.5	55	8.7	2	
<b>HST 2.3</b>	300	2.3	210	340	138	165	22	M 18X1.5	55	10.5	2	