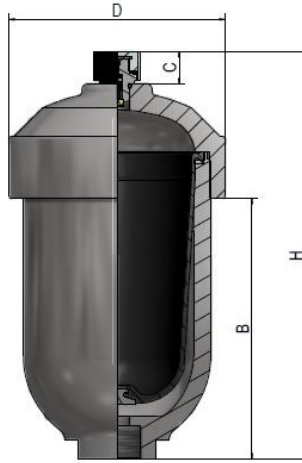
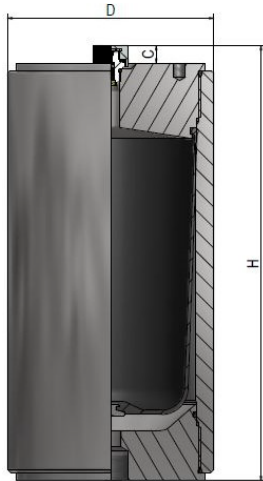


Drawing No 1



Drawing No 2



Drawing No 3

**On request, according to:**

- ❖ CE (2014/68/EU- PED)
- ❖ ATEX (2014/34/EU)
- ❖ ASME VIII Div.1 or Div.2 Latest Edition
- ❖ U-Stamp + NB
- ❖ EN 14359
- ❖ PD5500 (UK)
- ❖ EN 13445
- ❖ AS1210/4343 (Australia)
- ❖ ARH (Algeria)
- ❖ KOSHA (Korea)
- ❖ SELO (China)
- ❖ CU-TR 032/2013 (Russia)
- ❖ DOSH (Malaysia)
- ❖ NR-13 (Brasil)
- ❖ CRN (Canada)
- ❖ BV
- ❖ DNV / RINA
- ❖ Lloyd's / ABS

**Technical Features:**

- Maximum working pressure (PS):**  
2175-3045 psi, 150-210 bar
- Test pressure (PT):** PSx1,43 / 1,3 / 1,5
- Body:** in AISI 316 L stainless steel
- Diaphragm:** NBR, HNBR, EPDM, FPM, HYTREL
- Standard nitrogen valve :** 5/8" UNF
- Installation:** horizontal / vertical (nitrogen valve upward)
- Compression ratio:**
  - recommended: P2/P0 = 2.5
  - maximum: P2/P0 = 4
- Mechanical life:** the number of cycles is inversely proportional to the increase of the compression ratio. For pulsation damper applications, the nitrogen value must be from 60% to 80% of the working pressure also in relation with the type of pump and the working temperature.
- Warranty:** see dedicated page
- Spare parts:** see dedicated page
- Also available:**
  - Outside epoxy painted as per standard FOX procedure or as project specification
  - Connection with flange SAE 3000 - SAE 6000, ANSI B16.5 or UNI/DIN
  - Connection API spec. 6A type 6BX
  - Autoclave or Grayloc connection
  - Special connection on request
  - Integral flange connection
  - High pressure execution up to 1379 bar (20,000 psi)
  - Maintenance Free (HSTX-SMF)
  - Exotic material execution

Model	Volume	Max pressure	Max N2 precharge	H	D	C	B	Hydraulic Connection	Weight	Drawing
	cu in./liter									
HSTX0.03	1.8/0.03	3045/210	150	90	60	22	-	1/2"BSP-F	1.1	1
HSTX0.05	3/0.05	3045/210	150	100	60	22	-	1/2"BSP-F	1.2	1
HSTX0.14	8.5/0.14	2175/150	105	154	54	22	-	1/2"BSP-F	3.5	1
HSTX0.15	9/0.15	(2175-3045)psi (150-210)bar	105 / 150	128	80	22	-	1/2"BSP-F	4	1
HSTX0.3	18/0.3	(2175-3045)psi (150-210)bar	105 / 150	162	80	22	-	1/2"BSP-F	4.5	1
HSTX0.35	21/0.35	(2175-3045)psi (150-210)bar	105 / 150	148	100	22	-	1/2"BSP-F	5	1
HSTX0.5	30/0.5	(2175-3045)psi (150-210)bar	105 / 150	160	100	22	-	1/2"BSP-F	5.5	1
HSTX0.7	42/0.7	(2175-3045)psi (150-210)bar	105 / 150	202	100	22	-	3/4"BSP-F	6.4	1
HSTX1	61/1	(2175-3045)psi (150-210)bar	105 / 150	268	100	22	-	3/4"BSP-F	7.5	1
HSTX1.5	91/1.5	(2175-3045)psi (150-210)bar	105 / 150	262	138	22	170	1"BSP-F	8.6	2
HSTX2.3	140/2.3	(2175-3045)psi (150-210)bar	105 / 150	342	138	22	170	1"BSP-F	10.5	2
HSTX3	183/3	(2175-3045)psi (150-210)bar	105 / 150	412	130	22	-	1"BSP-F	19	1 & 2
HSTX4.5	274/4.5	(2175-3045)psi (150-210)bar	105 / 150	370	180	22	-	1"BSP-F	24	3
HSTX6	366/6	(2175-3045)psi (150-210)bar	105 / 150	550	180	22	-	1"BSP-F	33	3
HSTX7	427/7	(2175-3045)psi (150-210)bar	105 / 150	610	180	22	-	1"BSP-F	39	3
HSTX10	610/10	(2175-3045)psi (150-210)bar	105 / 150	740	180	22	-	1-1/4"BSP-F	45	3