

**Technical Features:**
**Maximum working pressure (PS):**

435-1740 psi, 30 - 120 bar

**Test pressure (PT):** PS x 1,43 / 1,3 / 1,5

**Body:** in AISI 316L stainless steel

**Bladder:** NBR, HNBR, EPDM, FPM, HYTREL, Butyl, Polyurethane

**Standard nitrogen valve :** 5/8" UNF

**Installation:** horizontal / vertical (nitrogen valve upward)

**Compression ratio:**

- recommended: P2/P0 = 2.5

- maximum: P2/P0 = 4

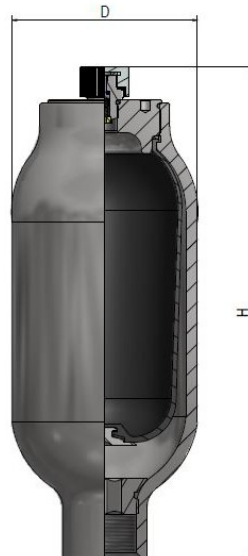
**Mechanical life:** the number of cycles is inversely proportional to the increase of the compression ratio. For pulsation dampener applications, the nitrogen value must be from 60% to 80% of the working pressure also in relation with the type of pump and the working temperature

**Warranty:** see dedicated page

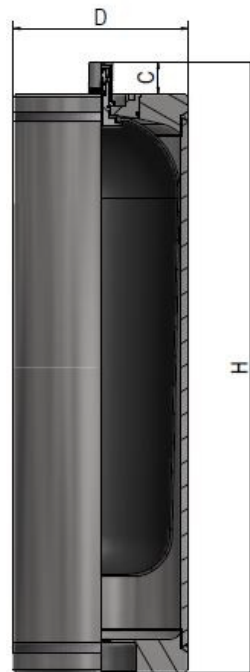
**Spare parts:** see dedicated page

**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
- Maintenance Free (HTRX-SMF)
- Exotic material execution
- High pressure execution



Drawing No 1



Drawing No 2

**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

Model	Volume	Max Pressure	Max N2 precharge	H	D	C	Hydraulic Connection	Weight	Drawing
	cu in./liter	psi/Bar	psi/Bar					mm	
HTRX1	61/1	1450/100	1015/70	300	92	22	3/4" BSP-F	5.5	1
HTRX1.5	91/1.5	1740/120	1160/80	290	114	22	1-1/4" BSP-F	7	1
HTRX2.5	152/2.5	1740/120	1160/80	420	114	22	1-1/4" BSP-F	9	1
HTRX4.5	274/4.5	1015/70	725/50	365	168	22	1-1/4" BSP-F	15	1
HTRX6.5	396/6.5	1015/70	725/50	495	168	22	2" BSP-F	19	1
HTRX10	610/10	1015/70	290/20	750	168	22	2" BSP-F	25	1
HTRX20	1220/20	435/30	290/20	750	220	40	3" BSP-F	36	2
HTRX35	2135/35	435/30	290/20	1290	220	40	3" BSP-F	58	2
HTRX50	3051/50	435/30	290/20	1780	220	40	3" BSP-F	75	2