

HSTX – Bladder Pulsation Damper (316L/PTFE)

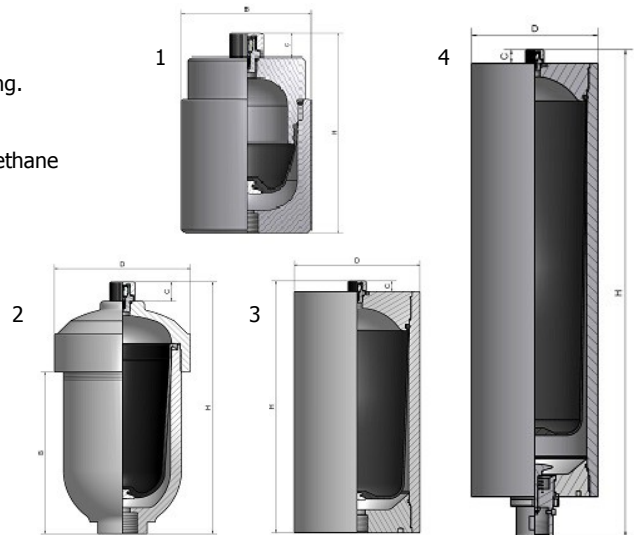


FOX manufacture an extensive range of Pulsation Dampers to suit wide ranging industrial applications. With state of the art production facilities, 30 years experience in design & manufacture and ISO 9001:2008 accreditation, FOX achieve compliance with European Directives 97/23 CE, PED 94/9 & ATEX, together with Russian GOST-R. HSTX Damper types also comply with ASME VIII Div.1 STAMP & SELO (China).

The HSTX range of bladder type dampers are offered in 10x sizes with 316L Shells & a choice of 6x different elastomeric bladders. Alloy 20 & Hastelloy bodies available as an option. Working Pressures of upto 210 Bar & Temperatures upto 150 Deg.C can be accommodated.

Maximum Working Pressure: 150 Bar
Hydrostatic Test Pressure: 1.43 x WP
Body Construction Type: 2-Piece screwed, with dynamic thread locking.
Maximum Working Temp: 150 Deg.C
Body Materials: 316L, Alloy 20 & Hastelloy
Bladder Materials: Perbunan (NBR), Butile, Nitrile(NBR) Polyurethane EPDM & Viton (FPM)

Installation Orientation: Vertical / Horizontal
Compression Ratio: Typical: 2.5:1 Maximum: 4:1
Pre-Charge Medium: Nitrogen
Pre-Charge Pressure: 60 ~ 80% WP
Compliance: PED: 97/23/CE
ATEX: 94/9/CE
Russia: GOST-R
USA: ASME VIII Div.1 STAMP
China: SELO



Damper Type	Max WP (Bar)	Nitrogen Volume (L)	Max Pre Charge (Bar)	Height H (mm)	Diameter D (mm)	Valve Extension C (mm)	Process Connection (BSPF)	Weight (kg)	Drawing
HSTX 0.05	210	0.05	150	100	60	11	3/8"	1.2	1
HSTX 0.1	150/210	0.1	105/150	138	80	23	1/2"	3.8	1
HSTX 0.35	150/210	0.35	105/150	152	100	23	1/2"	5	1
HSTX 0.7	150/210	0.7	105/150	215	100	23	3/4"	6.4	1
HSTX 0.8	150/210	0.8	105/150	180	138	23	3/4"	6.4	2
HSTX 1.5	150/210	1.5	105/150	270	138	23	1"	8.6	2
HSTX 2.3	150/210	2.3	105/150	360	138	23	1"	10.5	2
HSTX 4.5	150/210	4.5	105/150	370	180	18	1"	24	3
HSTX 6	150/210	6	105/150	550	180	18	1"	33	3
HSTX 10	150/210	10	105/150	740	180	18	1-1/4"	45	4