

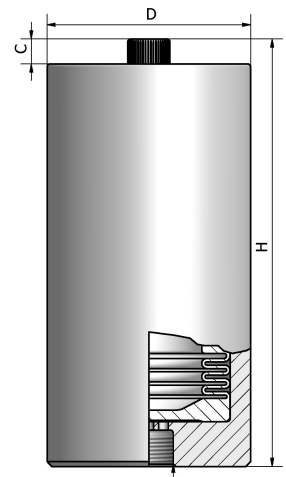
BTHX – Bellows Pulsation Damper (316L/PTFE)



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. BTHX Damper types also comply with ASME STAMP & SELO (China).

The BTHX range of bellow type dampers are offered in 11x sizes with 316L/PTFE wetted material builds to cater for more aggressive chemicals. UPVC, Alloy 20 & Hastelloy bodies available as an option. Working Pressures of upto 150 Bar & Temperatures upto 150 Deg.C can be accommodated.

Maximum Working Pressure:	150 Bar (uPVC: 10 Bar)
Hydrostatic Test Pressure:	1.43 x WP
Body Construction Type:	2-Piece screwed, with dynamic thread locking.
Maximum Working Temp:	150 Deg.C (uPVC: 60 Deg.C)
Body Materials:	316L, uPVC, Alloy 20 & Hastelloy
Bladder Materials:	PTFE
Installation Orientation:	Vertical / Horizontal
Compression Ratio:	Typical: 2.5:1 Maximum: 6:1
Pre-Charge Medium:	Nitrogen
Pre-Charge Pressure:	60% WP (Simplex/Duplex Pumps) 70% WP (Triplex Pumps) 80% WP (Quintuplex Pumps)
Compliance:	PED: 97/23/CE ATEX: 94/9/CE Russia: GOST-R USA: ASME STAMP



BTH(PVC)

Dimensions



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)
BTHX 0.06	150	0.06	70	82	100	22	3/4"	3.9
BTHX 0.15	150	0.15	70	135	100	22	3/4"	5.2
BTHX 0.3	150	0.3	70	165	100	22	3/4"	6
BTHX 0.5	150	0.5	70	195	100	22	3/4"	7
BTHX 0.7	150	0.7	70	235	100	22	3/4"	8
BTHX 1	150	1.0	70	245	125	22	1-1/2"	11
BTHX 1.5	150	1.5	70	310	125	22	1-1/2"	13
BTHX 2.5	150	2.5	70	435	125	22	1-1/2"	15
BTHX 4.5	150	4.5	70	375	180	22	1-1/2"	24
BTHX 6.5	150	6.5	70	560	180	22	1-1/2"	35
BTHX 10	150	10.0	70	740	180	22	1-1/2"	45