



Your Source for High-Pressure Pulsation Dampeners

Fox S.r.l. pulsation dampeners — exclusively distributed by Griffco Valve — protect pumps and piping from harmful shock waves across eight technology families. Pressures to 20,000 PSI · 316L SS to exotic alloys · ISO 9001 · ASME U-Stamp, CE, ATEX & 15+ international pressure vessel certifications available.



HTRX — Bladder · 316L SS · Top-Repairable

Medium to high-pressure bladder dampener in AISI 316L SS. **30–120 bar (435–1,740 psi)**. Field-repairable via top access. Elastomers: NBR, HNBR, EPDM, FPM (Viton), HYTREL, Butyl, PU. Volumes 1–50 L (61–3,051 in³). Horizontal or vertical installation.



HBX — Bladder · 316L SS / Exotic · Bottom-Repairable

Large-volume bladder for demanding service. 316L SS or exotic alloy body. **Volumes 10–50 L (610–3,051 in³)**. Bottom-repairable for field service. Full SAE/ANSI/API flange range. Contact Griffco for pressure rating.



BTHX — PTFE Bellow · 316L SS · Universal Chemical

PTFE elastomeric bellow — compatible with virtually all chemicals and solvents. 316L SS or exotic body. **Volumes 0.06–15 L (3.7–915 in³)**. Unscrewable; fully field-repairable. High-pressure — contact Griffco.



BSTX — SS Metallic Bellow · 316L SS · Zero Elastomers

Stainless steel metallic bellow — **zero elastomers**, welded cap. 316L SS or exotic body. **Volumes 0.35–10 L (21–610 in³)**. Ideal for ultra-high temp, cryogenic, or ultra-pure service.



HSTX — Diaphragm · 316L SS / Exotic · Unscrewable

Compact diaphragm dampener in 316L SS. **Standard to 210 bar (3,045 psi); special executions to 1,379 bar (20,000 PSI)** on request. Unscrewable body for field service. Volumes 0.03–10 L (1.8–610 in³). Widest pressure range in the Fox line.



HP — Piston · Carbon Steel · Any Orientation

Largest volume range in the Fox line: **0.3–250 L (18–15,256 in³)**. **250 bar (3,625 psi)**. Non-repairable (0.3–8 L) and field-repairable (7–250 L) versions. Any orientation. Aluminum piston; NBR seals standard.



MPX — PTFE Flat Diaphragm · 316L SS · Pharma/FDA

PTFE flat diaphragm in 316L SS. **150 bar (2,175 psi)**. Any orientation. Volumes 1.5–12 L. Single, double, double-sandwich w/ rupture detector. FDA PTFE; lapped / electro-polished cGMP finish available.



HST / H / HI — Diaphragm · Carbon Steel · Hydraulic

Crimped carbon steel body for hydraulic and mineral oil applications. **HST to 300 bar · H to 250 bar · HI to 330 bar (4,785 psi)**. No-weld construction. For corrosive media specify HSTX (316L SS body).

Product Series Quick Selector

Series	Type	Body Material	Max Pressure	Volume Range	Key Characteristic
HTRX	Bladder	316L SS	120 bar / 1,740 psi	1–50 L / 61–3,051 in ³	Top-repairable; 7 elastomers
HBX	Bladder	316L SS / Exotic	High pressure*	10–50 L / 610–3,051 in ³	Large volume; bottom-repairable
HSTX	Diaphragm	316L SS / Exotic	210 bar / 20,000 psi†	0.03–10 L / 1.8–610 in ³	Compact; widest pressure range
HP	Piston	Carbon Steel	250 bar / 3,625 psi	0.3–250 L / 18–15,256 in ³	Largest volume; any orientation
BTHX	PTFE Bellow	316L SS / Exotic	High pressure*	0.06–15 L / 3.7–915 in ³	Universal chemical compatibility
MPX	PTFE Flat Diaph.	316L SS / Exotic	150 bar / 2,175 psi	1.5–12 L / 92–732 in ³	Pharma/FDA; rupture detect.
BSTX	Metal Bellow	316L SS / Exotic	High pressure*	0.35–10 L / 21–610 in ³	Zero elastomers; ultra-pure/cryo
HST/H/HI	Diaphragm	Carbon Steel	330 bar / 4,785 psi	Crimped body series	Hydraulic / mineral oil service

AVAILABLE CERTIFICATIONS:

- CE / PED 2014/68/EU
- ATEX 2014/34/EU
- ASME VIII / U-Stamp
- EN 14359
- EN 13445
- PD 5500 (UK)
- AS 1210 (Australia)
- CRN (Canada)
- NR-13 (Brazil)
- KOSHA (Korea)
- SELO (China)
- + More

* High pressure — contact Griffco for specific rating. † Up to 1,379 bar / 20,000 PSI on request. All volumes available in in³ (cubic inches).

Full specifications and datasheets available at GriffcoValve.com

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Fox S.r.l. — Made in Italy (Opera, MI) • ISO 9001 Certified Manufacturer
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