

The Truflo Pulsepro SS Series Pulsation Dampeners are designed to provide protection for process instrumentation, eliminate vibration and provide smooth continuous flow. Truflo Pulsepro Pulsation dampeners are chargeable and can be adjusted to best suit the process requirements. The SS series can eliminate up to 95% of the pulse caused by positive displacement pumps.

316 SS

SERIES : SS

CONNECTION : ½" - 1¼"

ENDS : NPT

DIAPHRAGM : FPM (Viton®)

SEALS : (Viton®)



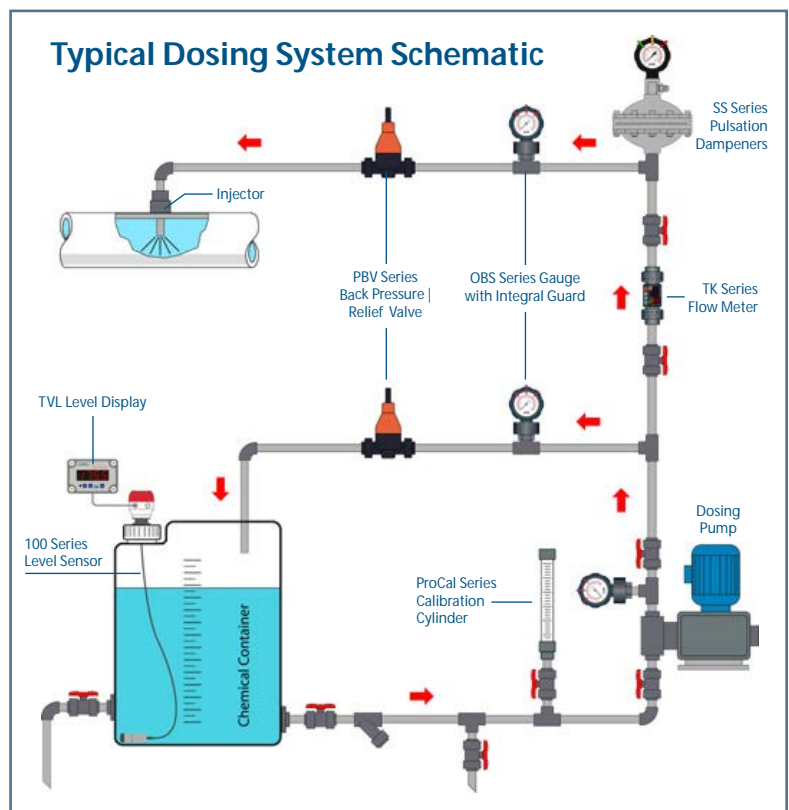
Mode of Operation

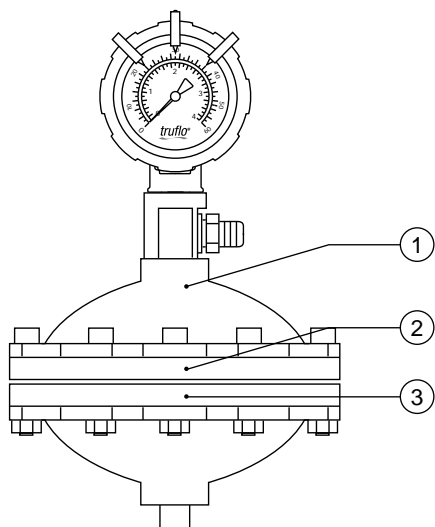
The Pulsepro Series pulsation dampeners consist of a flexible FPM diaphragm and an upper and lower chamber. The upper chamber is pressurized with air or Nitrogen. The SS Series operate on the principle that the volume of air in the upper chamber is inversely proportional to the kinetic pressure of the fluid being pumped.

FEATURES

- Easy installation and maintenance
- Eliminate up to 95% pulsating flow caused by positive displacement/dosing pumps with old fashioned threaded connections
- Long Cycling Life
- Dynamic FPM Diaphragm
- Superior Performance
- Chargeable - Adjustable - Designed to ensure maximum elimination of pulsating flows
- Truflo OBS Series Gauges- Supplied Single Sided or double Sided Gauges
- Heavy Duty Design
- Excellent Chemical Resistance

Typical Dosing System Schematic





PARTS

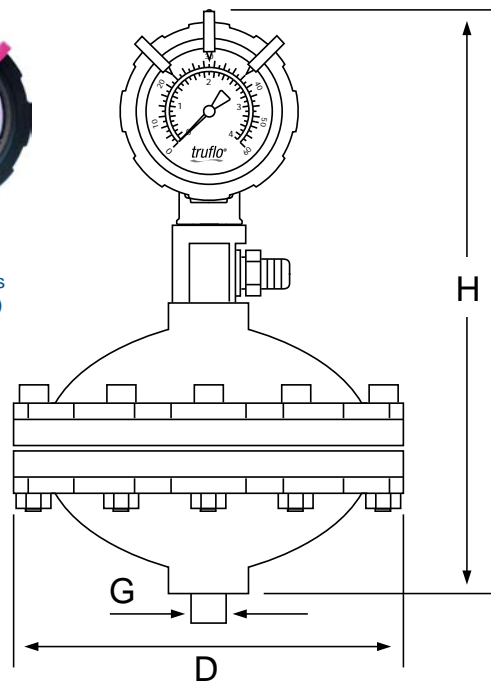
No.	Part	Pcs.	Materials
1	Body	1	316 SS
2	Upper Chamber	1	316 SS
3	Diaphragm	1	FPM

DIMENSIONS

Part No.	Size	L	H	D	MPa
BPV005	½"	0.35	235	142	1.6
BPV075	¾"	0.6	250	174	1.6
BPV100	1"	1.0	310	210	1.6
BPV125	1 ¼"	2.0	330	280	1.6
BPV150	1 ½"	4.0	370	360	1.6
BPV125	2"	8.0	400	360	1.6



OBS-GO Series
(Single Sided)



MAXIMUM PRESSURES PSI

Size	316 SS			
	20°C 68°F	40°C 104°F	60°C 140°F	80°C 176°F
½" - 1¼"	235	235	235	235



OBS-GO Series
(Double Sided)

ORDERING EXAMPLE

SS Pulsation Dampener	SS	005	V	U
Body Material	316-SS (Single Sided Gauge)	316 SS-D (Double Sided Gauge)		
Size	005 - ½" 007 - ¾" 010 - 1"	012 - 1-¼" 015 - 1-½" 020 - 2"		
Elastomers	E - EPDM	V - FPM (Viton®)		
Ends	T - Threaded	F - ANSI 150		