

Liquid in the bladder **PipeHugger** SS, etc. Wetted Pts.



For high pressure metering & injection pumps when EP/EPDM, Nitrile/Buna, Fluoro etc are compatible

Twin connections are off the shelf inventory items. If you do not wish to intercept pressure pulsation, nor to flush before service, save the cost of an extra "T", and use the second connection for your RV, Drain, or Gauge. For Lower pressures see PipeHugger / LP



ORDERING - PART NUMBER "Off the shelf" / Inventory Damper US \$s INCHES Lbs.

MODEL type /In 3/ PSIG / Material / @ 200 Deg F Wetted	Connections pmp. NPTF sys. NPT	Spares Kit Pt. #	Net 1 pc F.O.B Hampstead, NC USA	Length L	Diameter D	Weight Lbs
PHr--TW/ 8i / 4200p/ ss /	1/8" x 1/8"	D64L		215	6.7	3.9
PHr--TW/18i/ 4300p/ ss /	1/4" x 1/4"	D75L		392	8.1	4.2
PHr--TW/18i/ 5500p/ ss /	1/4" x 1/4"	D75L		430	8.5	4.5
PHr--TW/40i/ 3700p/ ss /	1/2" x 3/8"	D100L		530	8.9	5.0
PHr--TW/40i/ 5250p/ ss /	1/2" x 3/8"	D100L		705	11.0	5.9
PHr--TW/61i/ 3700p/ ss /	3/4" x 1/2"	D125L		695	9.8	6.6
PHr--TW/61i/ 4300p/ ss /	3/4" x 3/4"	D125L		840	11.2	7.0
PHr--TW/122i/1050p/ ss /	1"M x 3/4"	D145L		1365	9.4	6.6
PHr--TW/122i/3950p/ ss /	1-1/4"M x 1"M	D150L		2150	13	7.9
PHr--TW/200i/1200p/ ss /	1-1/2"M x 1-1/4"M	D191M		1465	9.6	8.5
PHr--TW/475i/1850p/ ss /	2"M x 1-1/2"M	D230L		2650	14.6	11.0
PHr--TW/733i/2000p/ ss /	2"M x 2"M	D285L		3295	15.3	13.8

When only 1 connection is used Ex. for flow fluctuation removal [instead of pressure pulsation dampening], the other port saves the need for system "T" for a drain valve, RV, or gauge. One connection "PHr-TD" or "PHr+FLG" also available

Liquid wetted metal parts SS=316 dual certified stainless steel. DSS=duplex stainless. SDSS=super duplex stainless. TW=Twin port, M=male, F=female

SHORT LEAD TIME - Not "off The Shelf" dampers

Volume Gallons	Pressure PSI	Material
2.0	1850	Alloy 20, Hastelloy 22, B33, Inconel, Titanium, Tantalum, & Linings etc.
2.15	900	
4.2	650	
5.0	2000	

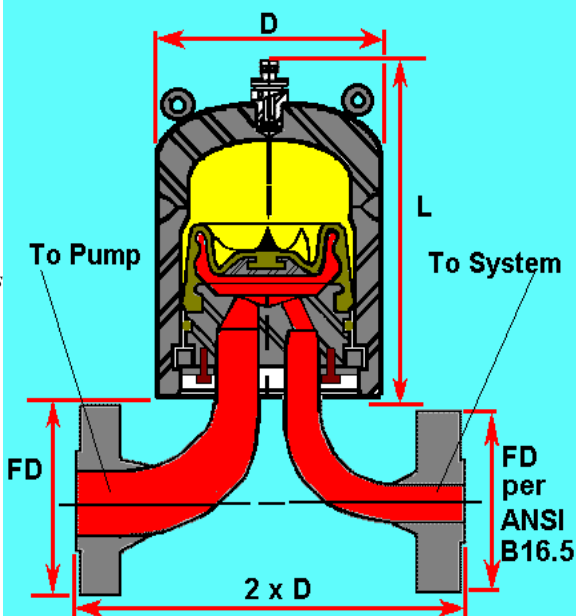
-- Some other liquid wetted metals parts--
 @200 Deg. F
 -- Male Connections are normal on special metals--
 To add flange and orientation see options sheet
 -- Some of 26 other bladder materials --
 Fluorel, Butyl, Aflas, Silicone, FDA-N, FDA-E

Principle Of Operation: A pressure transient, entering through a small hole, finding itself in a large chamber with nothing close to bounce off, dies away by cube of the distance to the nearest reflection point

For Tech. Support, & Other Damper Types below
 Please Call Toll Free in USA 1-888-DAMPERS
 3 2 8 - 7 3 7 7
 Please ring Freephone in UK 08080-LOW-EURO
 6 6 9 - 3 8 7 6

PULSEGUARD

TYPICAL OPTIONAL CONNECTION For pumps with horizontal discharge flange.



Example - For 1,050 psi a 600# Flange would be use For 2" pipe, a 600# has O.D. of 6.5", therefor the overall height will be L + 6.5"