PipeHugger / LP The Original, one piece high intensity trans-inject molded, web stabilized, liquid in the bladder, pressure pulsation interceptor

Since 1963

For Flow Fluctuation removal AND Pressure Pulse Interception

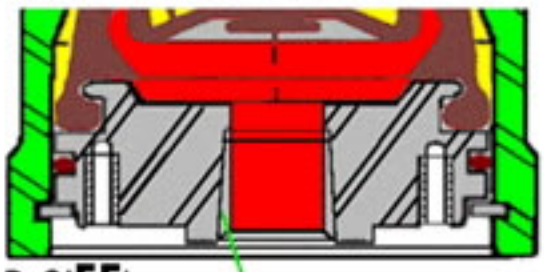
STANDARD INVENTORY DUAL USE CONFIGURATION

Or use the second connection to save a "T" for the system Drain, RV or PI , and specify standard low cost inventory twin connection items.

Peg/--/-- SERIES

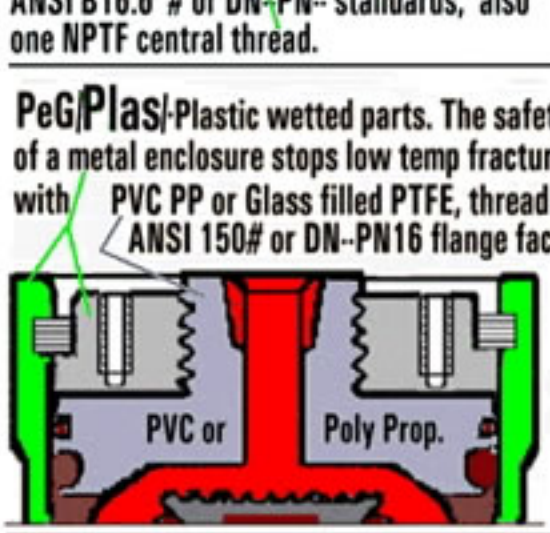
Where a "T" has already been installed

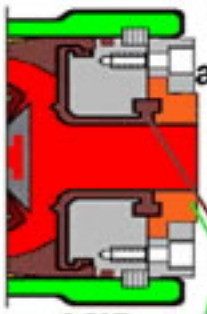
Single connection options:-



PeG/FF/--Flange Faces in accordance with ANSI B16.6 # or DN--PN-- standards, also one NPTF central thread.

PeG/Plas/-Plastic wetted parts. The safety of a metal enclosure stops low temp fracture, with PVC PP or Glass filled PTFE, thread & ANSI 150# or DN--PN16 flange face





Because our bladders are stabilized by WEBS *(see section view right)* Dampers may be installed, liquid side Up, Down, horizontal, or at any angle.

PeG/LND/-Lined with replaceable elastomer same material as bladder. Flange face is small amount of "gold" etc. Other features as above

Single connection Not recommended for :-

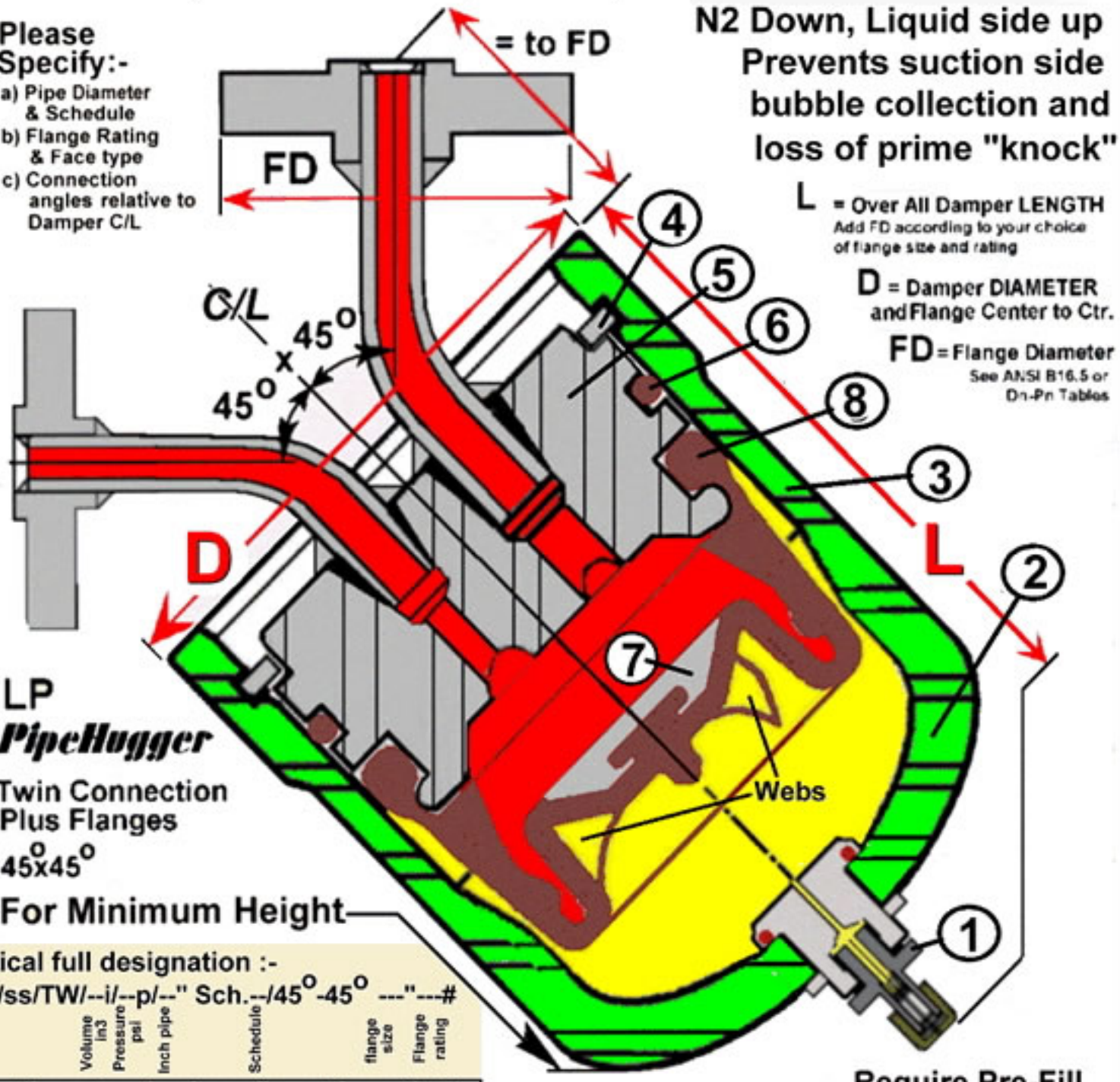
a. Pulsation Interception
b. Flushing before service
c. Frequencies above 7 Hz. *(Shorter than 700 Ft of pipe)*
d. Constant Temp.
e. Particulate service.

DN PN or ANSI Flanges extra

"Close Coupled" - direct up under pump suction check valve:

N2 Down, Liquid side up Prevents suction side bubble collection and loss of prime "knock"

Please Specify:-
a) Pipe Diameter & Schedule
b) Flange Rating & Face type
c) Connection angles relative to Damper C/L



L = Over All Damper LENGTH
Add FD according to your choice of flange size and rating

D = Damper DIAMETER and Flange Center to Ctr.

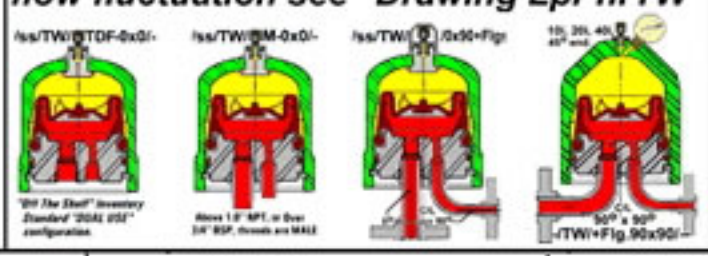
FD = Flange Diameter
See ANSI B16.5 or Dn-Pn Tables

LP
PipeHugger
Twin Connection Plus Flanges
45°x45°
For Minimum Height

Require Pre-Fill Chuck Pt. Nbr. 5560

Typical full designation :-
Peg/ss/TW/--i/--p/--" Sch.--/45°-45° ---"---#
(Volume in3 · Pressure psi · Inch pipe · Schedule · flange size · Flange rating)

For other standard configurations that do intercept pressure pulsation + address flow fluctuation see "Drawing LpPhrTW"



D	CUSHION PRE-FILL
L	ELASTOMER BAG
C/C	PROCESS LIQUID
C/C = Connection to Connection	STAINLESS WETTED Pts.
	CARBON St. N2 CUSHION BONNET

Item	Part No.	Description	Material	I.D. #
1	SK15171	N_2 Prefill	304ss	
2		Body		
3		End Closure		
4		Segments		
5		Twin port Liquid End Plug		
6		Seal - 70° IRH, A		
7		Flat Plate Anti-Extr.		
8		Webbed Liquid Bladder		

CUSTOMER:
CUSTOMER REF.:
QUANTITY:
W/O No.:
WEIGHT (EST.):
W:
ISSUED BY:
CHECKED BY:
ISSUE DATE: (DAY/MONTH/YEAR)

® PulseGuard
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In association with ShockGuard Ltd & Liquid Dynamics International Ltd
PIPE LINE SHOCK PROTECTION · ANALYSIS DIAGNOSTICS SOFTWARE LDi

TITLE: LOW COST PROCESS DAMPER with in place flushability to:- TO PREVENT SUCTION SYSTEM LOSSES FROM ACCELERATION HEAD & FOR PRESSURE PULSATION INTERCEPTION UP TO 1000psi / 70Br.

Typical Application: Zero pressure loss by no flow reversal makes PIPEHUGGER LP ideal for - CHEMICAL METERING SYSTEMS, MIXING SYSTEMS, PAINT & COATING DOSSING, AND LIQUID TRANSFER PUMP PACKAGES, FOR LIQUIDS THAT ARE USED IN BATCH AND CAMPAIGN PRODUCTION NEEDING CONSTANT TEMP. OR CLEANING IN PLACE BEFORE THE NEXT RUN.

FILE REF: PhrLpVw.bmp

SCALE: NTS | ALL DIMENSIONS ARE IN MM EXCEPT AS STATED.

Cut Sheet/ "Drawing"/ Dimensioned View, Nbr.

Peg/TW

SHEET: 1 OF 1 | REV. 0