

PipeGuard / LP The Original, one piece high intensity trans-inject molded, GAS BAG flow fluctuation accumulator - from The 1965 Originators



For Flow Fluctuation removal AND Pressure Pulse Interception
STANDARD INVENTORY DUAL USE CONFIGURATION

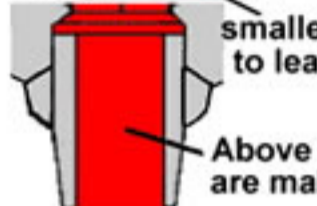
Where an Extra "T" has
BEEN INSTALLED
 Single Connection Options



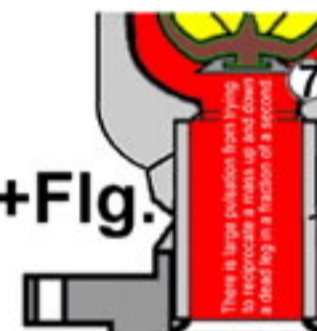
NF

Thread connection
 NPT F up to 1.0".
 ISO, BSP, // to 0.75"
 Larger sizes are Male.
 BSP are always 1 size

smaller than NPT tabulation
 to leave metal for face seal.



Above 1.0" NPT threads
 are male, socket welded.



Flanges with a large pitch circle diameter for the stud boltings, are welded to a short pipe extension.



Integral flanges are provided when smaller than damper body
 Tapped stud holes
 ANSI or DN--PN-- Face.

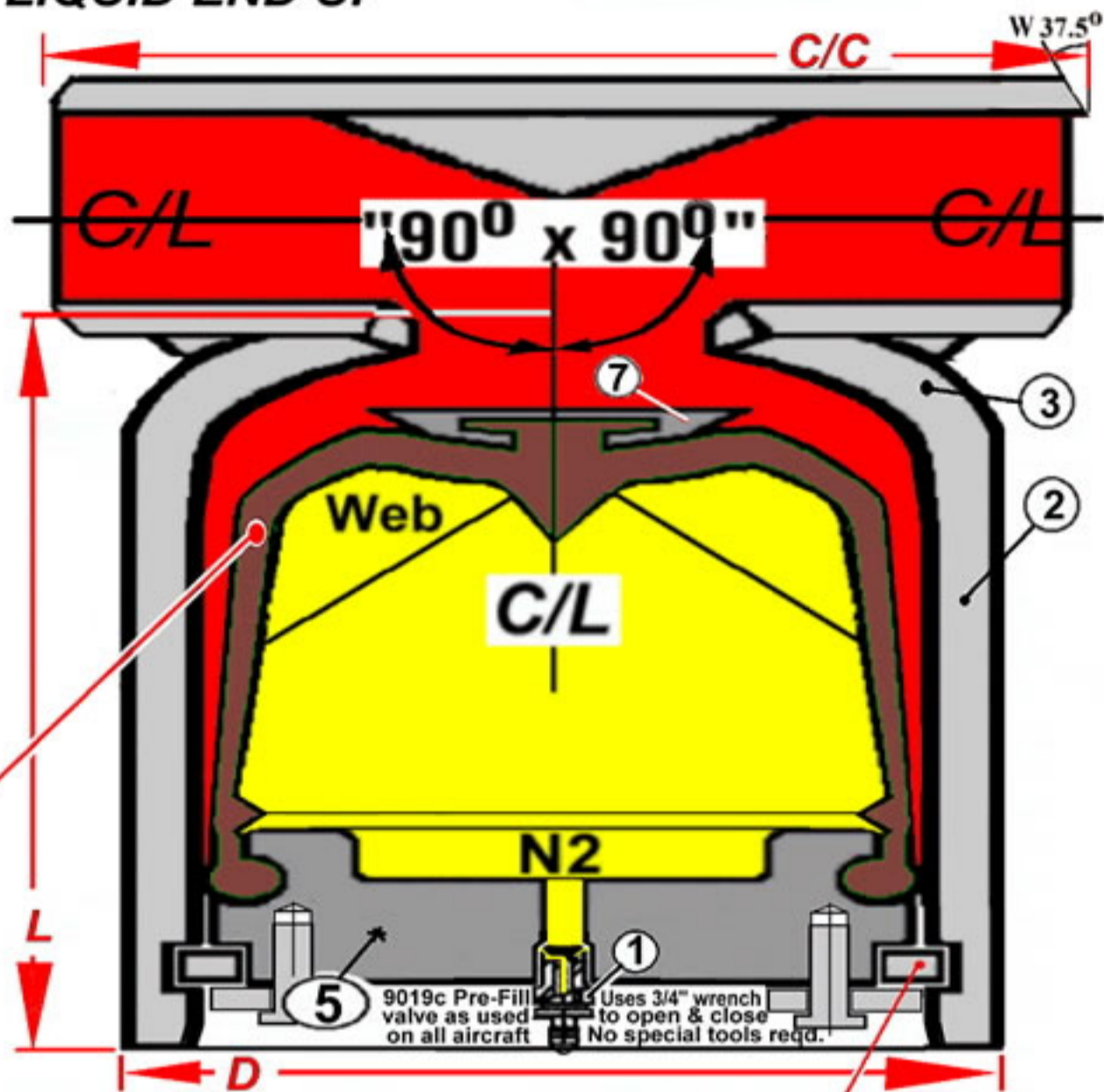
DN PN or ANSI Flanges extra

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.

The bag end is stabilized by internal webs (8) which ensure the correct position of the anti-extrusion plate; (7) this enable reliable operation in many orientations, So that our anti-extrusion plates do not "just fall off".

We Mold Our Gas Bags (8) in high intensity transinject tooling, as one piece. There is no glue or bond. This allows the use of the least reactive and most resistant elastomer formulations.

Twin Connection "By-Pass Flow-Through"
 Prevent Suction "Knock" All the small bubbles of gas rise, don't collect, this way up.
LIQUID END UP



Type "TW-bp" Tamper proof, Segmental lock ring construction (4)

D CUSHION PRE-FILL
L ELASTOMER BAG
C/C PROCESS LIQUID
 STAINLESS STEEL

C/C = Connection to Connection

Item	Part No.	Description	Material	I.D. #	CUSTOMER:
1	9019c	N2 Prefill	304ss		CUSTOMER REF.:
2		Body			QUANTITY:
3		End Closure			W/O No.:
4		Segments			WEIGHT (EST.):
5		Gas Bag Head Plug			W:
6		Seal - 70° IRH, A			ISSUED BY:
7		Flat Plate Anti-Extr.			CHECKED BY:
8		Webbed Gas Bag			ISSUE DATE: (DAY/MONTH/YEAR)

PulseGuard
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TITLE: **IN-LINE THRU-FLO,**
 PUMP SUCTION SYSTEM ACCELERATION HEAD LOSS PREVENTER
 Typical Application, use with cam profile plunger pumps, that create massive suction pulsation, on reverse osmosis systems.
 Stainless externals for saline environment.

FILE REF: PigLpVw.bmp
 SCALE: NTS ALL DIMENSIONS ARE IN MM EXCEPT AS STATED.
 VIEW NO. PIG-
 SHEET: 1 OF 1 REV. 0