

Dimensions, weights, installation options, and prices below, and for all other damper types with drawings are on the WWW site below. PLEASE ASK FOR AN E-MAIL FILE SHOWING HOW TO NAVIGATE TO THEM IN ONLY 3 CLICKS. www.pulseguard.com/pulsation_dampening/select_smooth_percentageliquid_or_pressurefind_pump_fcalc_damper_volume/select_pipe_method/etc/Elastomer/Gas_bag/PigLP/PigLP.pdf

(N.B.) = Many others available, but not necessarily from inventory N=NPT W=WELD PREP FF=INTEGRAL FLANGE FACE +FLG.=FLANGE ADDED ANSI or DNPN extra
 If only 1 connection is used, Ex. for flow fluctuation removal [instead of pressure pulsation interception], the other port For wetted parts of :
 Hastelloy 22, C276, or B2
 Titanium, Tantalum, etc.
 saves the need for a system "T" for drain valve, or RV, or gauge. Single connection is available but as a non inventory
 item. * SS=316 dual certified stainless steel. DSS=duplex stainless. F=FEMALE M=MALE B=BSP// see **PIPEHOGGER** range

YOUR OPTIONS THAT GREATLY REDUCE THE PIPING INSTALLATION COST FOR YOU

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

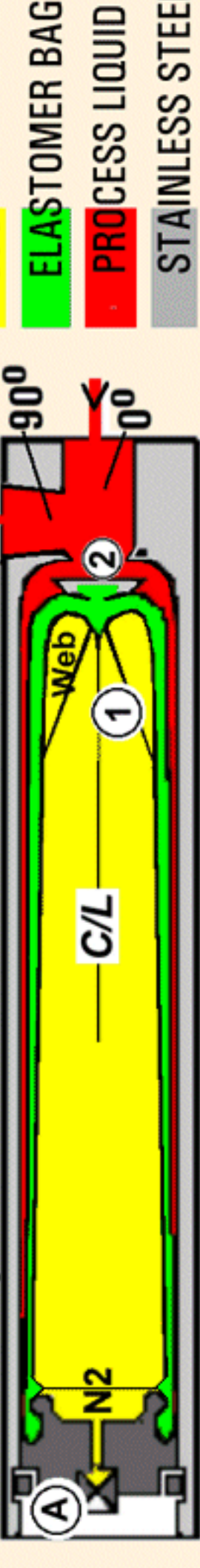
Vertical Pump connections For Pressure Pulsation Interception And In Place Flushing
 THROUGH FLOW
 Pressure Pulse Damper within 12 Pipe Diameters from pump



The Original Top End In Place Serviceable Gas Bag Damper From The 1965 Originators.

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

"Close Coupled" - direct on Suction Check Valve



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.

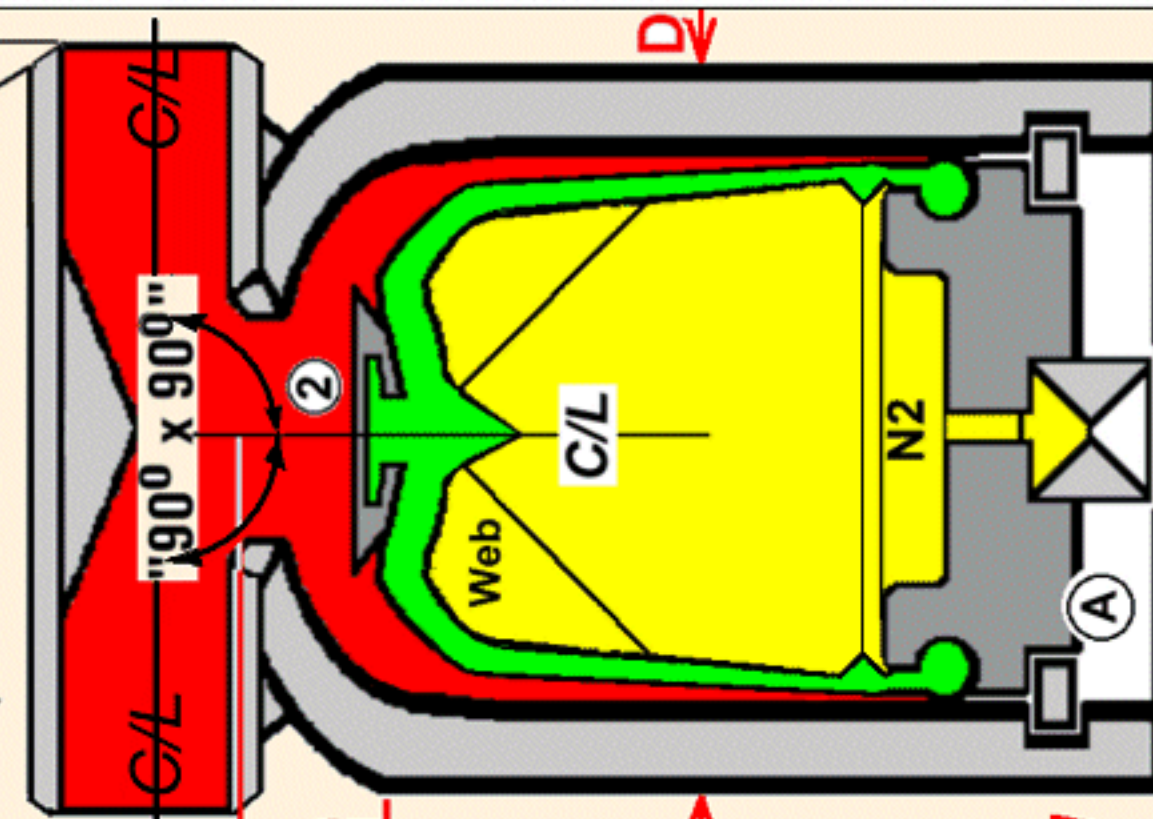
NM Above 1.0" NPT threads are male, socket welded.

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

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

DN PN or ANSI Flanges extra

Prevent Suction "Knock" LIQUID END UP W^{37.5°}



All the small bubbles of gas rise, don't collect, this way up.

Please Specify Connection angles relative to damper C/L

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Dual use Dampers that Do. Flow flushes through. AFD Pressure Pulsation is Intercepted

PULSE GUARD Ltd.
 Guard against Pulsation

In USA Toll Free, 1-888-DAMPERS (326-7377)
 For the Americas --01(1)910-270-2737
 BW & Color Fax, --01(1)910-270-0320
 Color fax is 10 times faster than email attach, and there are no viruses.

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