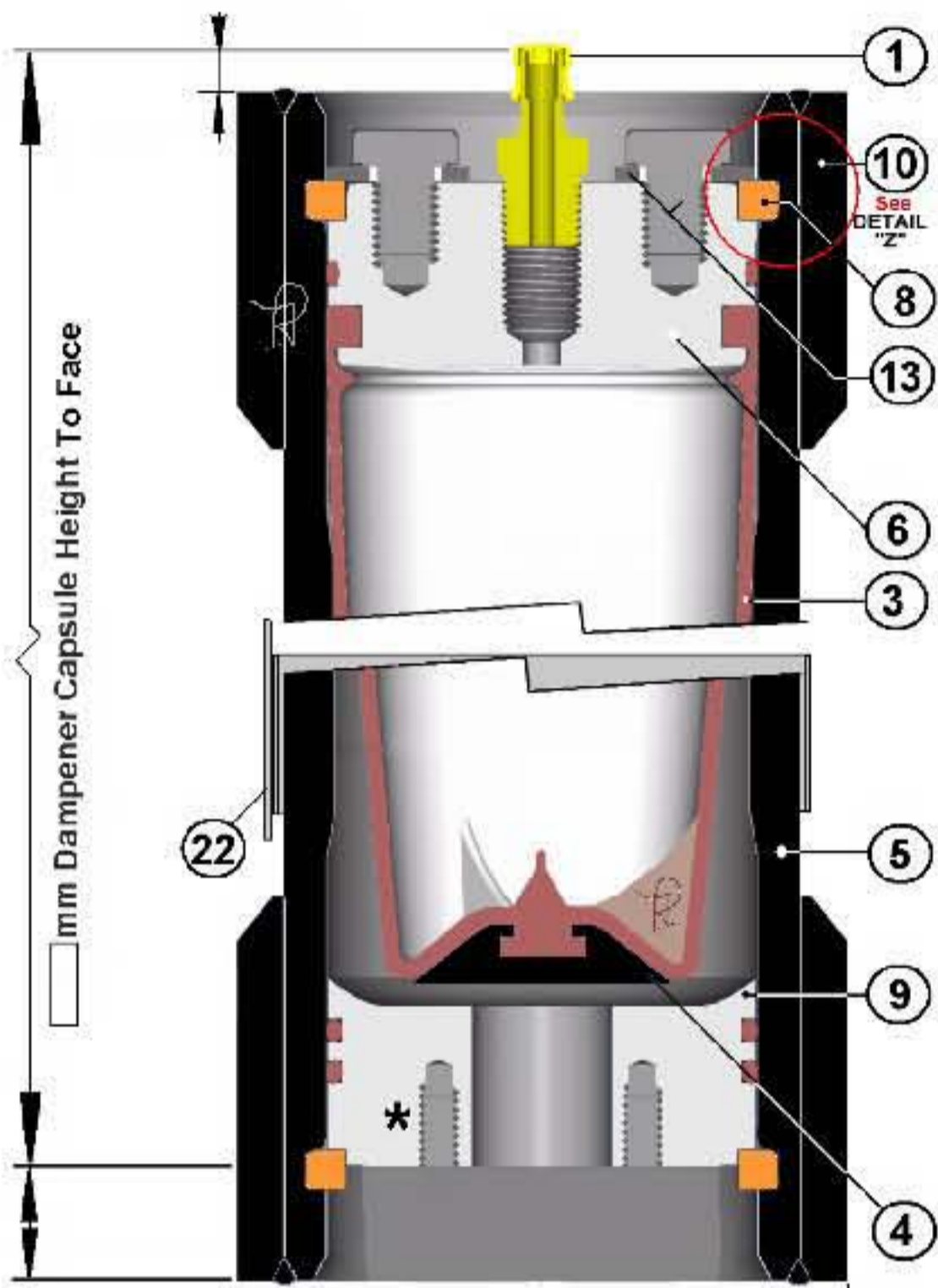


PULSEGUARD "PIPEGUARD Plas PP"

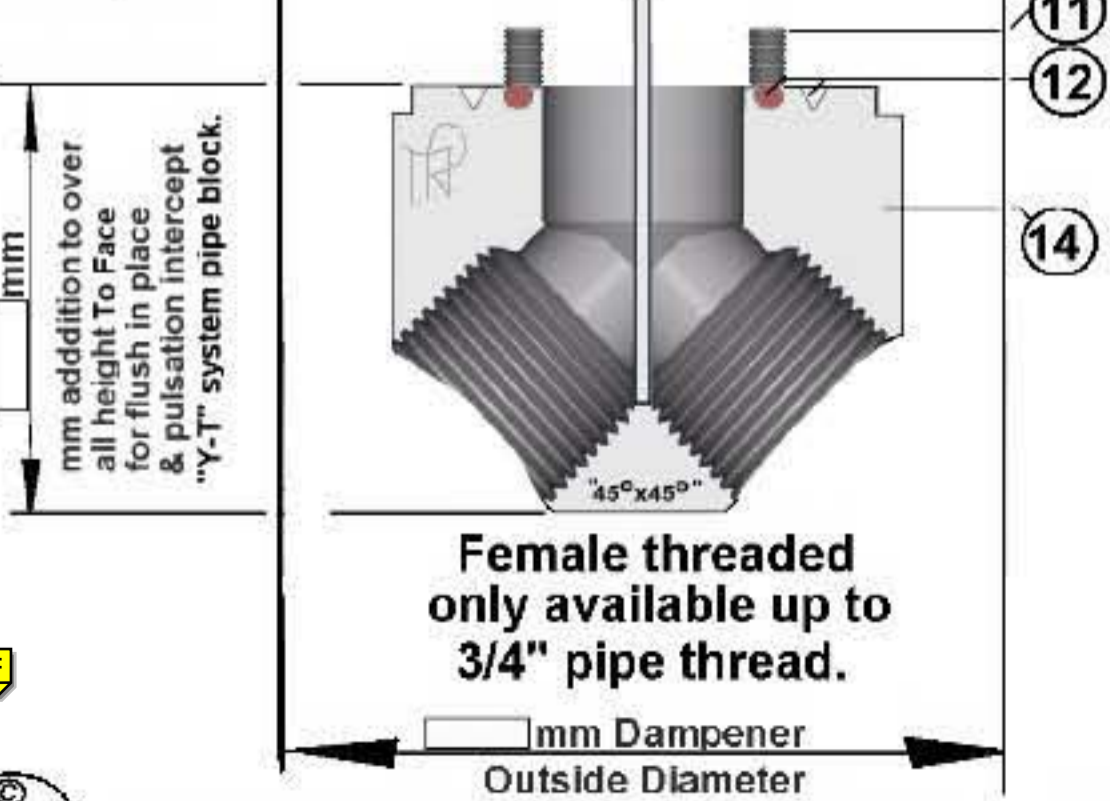
"Pig Plas-PP" Series Pulsation Damper, & options.
Poly-Prop. Plastic wetted parts + EP, Nitrile, Hypalon, Fluorel etc gas bags.

Since 1965



* Bolt holes have Helicoil Inserts

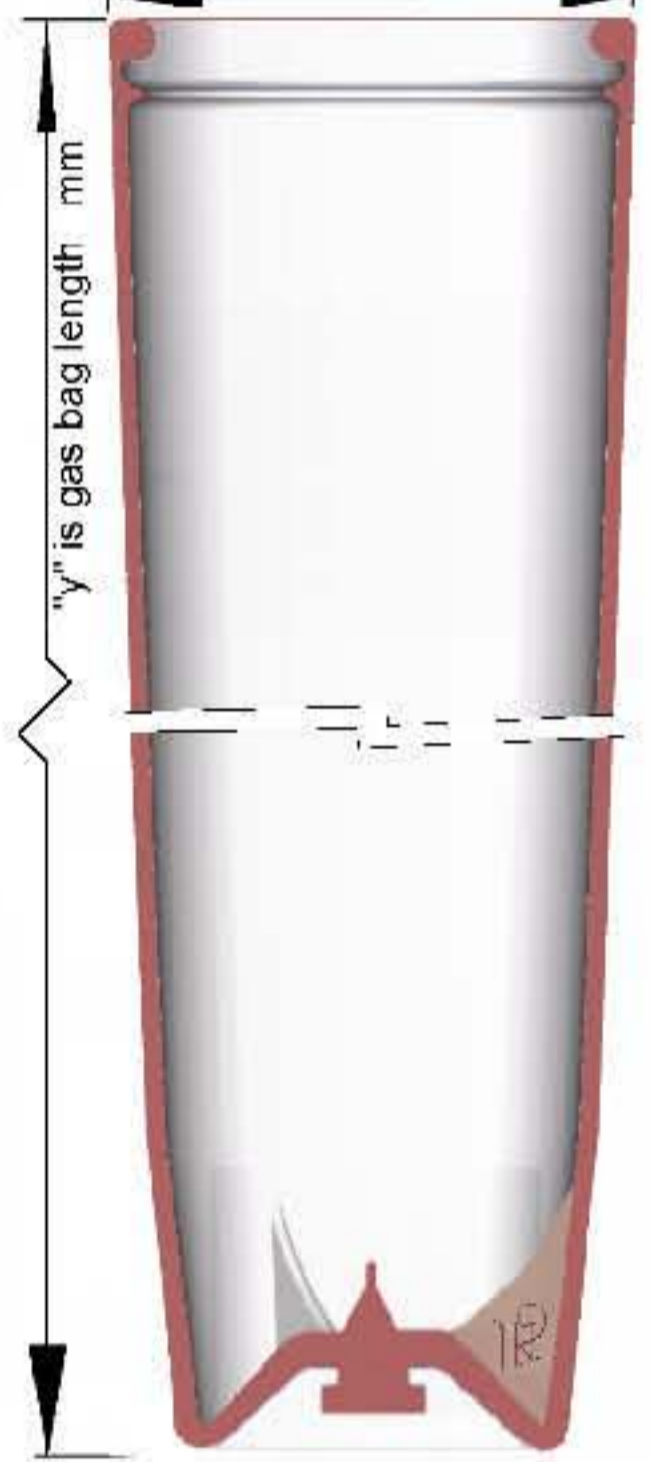
Available with 1 Male NPT — No Flushibility nor Pulse interception



Female threaded only available up to 3/4" pipe thread.

A full Spares Kit Consists of :
Pt Nbr. SK/B..... y..... *

Diametral Static "O" Seal
"B" is bag diameter, mm



Anti-Extrusion Plate



TV 400 Pre-Fill Valve With Pin Core 6055

* Enter Letters Denoting Elastomer Typer Required
E = EPT/EPDM
N=Nitrile
H=Hypalon
B=Butyl
V=Fluoro Elastomer etc.

NOTE: "O" Ring cross sections

For units with Plastic Bodies
Shore "A" IRH 50
3/32" Nom. 20mm ID to 26mm ID
1/8" Nom. 44mm ID to 66mm ID
1/4" .. 70mm ID to 220mm ID
3/8" .. 221mm ID to 310mm ID
Reserved for Jot-PLAS Sug-PLAS
1/2" .. mm ID to mm ID
Static Diametral Seal Grooves:
Groove depth 70% actual section
Groove width 1.5 x actual section
Face "O" Seals Shore "A" IRH 70
Up to 25mm flow hole 3/32" section
Over 25mm 1/8" (0.139" 3.5mm)

PED CONFORMITY
DECLARATION as required by the PED ESSENTIAL SAFETY REQUIREMENTS "ESRs" state at 2 Design, under 2.1 the use of "SAFETY COEFFICIENTS". As Euro Norm 5500, and harmonised pressure vessel code 13445 do not have proven safety coefficients to apply, NO ONE complies with ESRs. Above statement applies to us also. Any documents of conformity issued particularly to ISO 9001-2000 holders by "Notified Bodies", must be a fraud. ALL Dampers are NON-CONFORMING

Exageration for Illustration of Fail Safe method.

Please See Blue as Black

Where Allowable Working Stress = S
Design Pressure P = MAWP + 10% + 15%
Joint Efficiency = E 0.7 RV RV Acc
We can not accept end user statement that design pressure is working pressure
 $Td = \frac{\text{Design Pressure} \times \text{Radius Internal}}{S \times (\text{From Creep Test and to destruction } 2000 \text{ Lbs } \ln^2) E - (0.6P)}$

Fail Safe N₂ escape by diametral seal extrusion for Store Energy Release.

Item Nbr	Description / function	Internal "Heat/Cast No" PURCHASE No
22	Stainless Data Plate on stainless banding.	
14	"PB 45°x45°" machined from PP Bar.	
13	Retaining Plate & Retaining bolts	
12	Face "O" seal with escape groove	
11	Socket Head Cap Screws, 4 Places. Diam. Lgth UH	
10	PP Sleeve Melt Welded, Pipe Mouth Re-inforce	
9	Liquid End Plug PVC, Face sealing.	
8	Lock Ring, tamper-proof, 3 segments of circle.	
7	"head plug" - static diametral seal "O" ring	
6	End Closure / "head plug" - Gas End Plug	
5	Seamless Body PVC Pipe.	
4	Anti Extrusion Plate PVC.	
3	Gas Bag "B--- y---" (mm Dia x mm high)	
2	Liquid End Plug P P & helicoil thread inserts *	
1	Nitrogen Pre-Fill Valve	

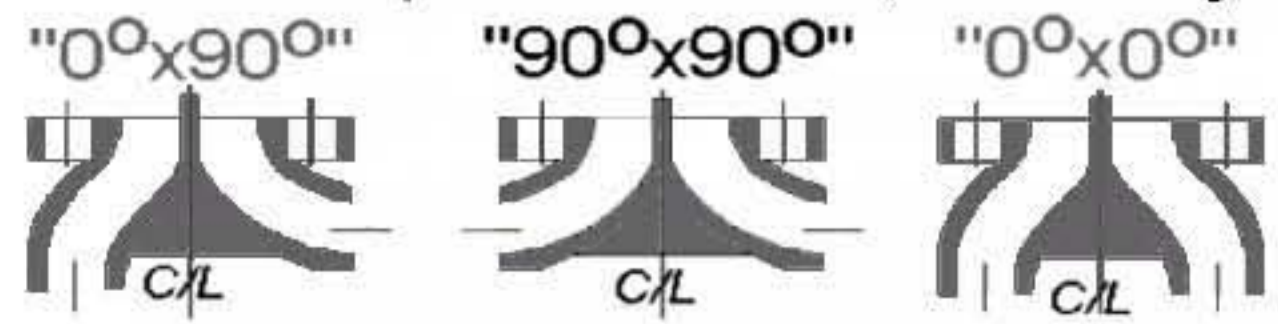
Item Nbr	Description / function	Internal "Heat/Cast No" PURCHASE No
↑ BILL OF MATERIALS ↓		

Scale : Please do not print without "MAINTAIN ASPECT RATIO" on, Use A3 paper on A3 paper, Landscape 420mm wide
Part Nbr. / Drawing Ref : Date th 200— Rev Nbr
Pig - Plas PP / ___ / ___ p/B ___ y ___ / "O" / PVC + PB ___ x ___ FNPT-PVC

PulseGuard <http://www.PulseGuard.com>
PulseGuard für Deutschland <http://www.pulsationdaempfer.com>
PulseGuard, de langue Francaise www.amortisseurs-de-pulsations.com
PulseGuard, en Espanol/ sud Amerique [amortiguador-de-pulsaciones.com](http://www.amortiguador-de-pulsaciones.com)
PulseGuard, dlya Russkogovoryaschih [pulsations-dampfer.com](http://www.pulsations-dampfer.com)

PulseGuard is the USA registered trade mark of Pulseguard Inc.
PulseGuard is the UK registered trade mark of Pulseguard Ltd.
UK --44(0)161-480-9625 USA ---1910-270-2737

PulseGuard "Y-T" block, best flanging to system.
In place of System "T", better flushing, & intercepts Pressure wave pulsation. Plain end, for socketing



Called - Weld connection angles to this system fitting C/L

