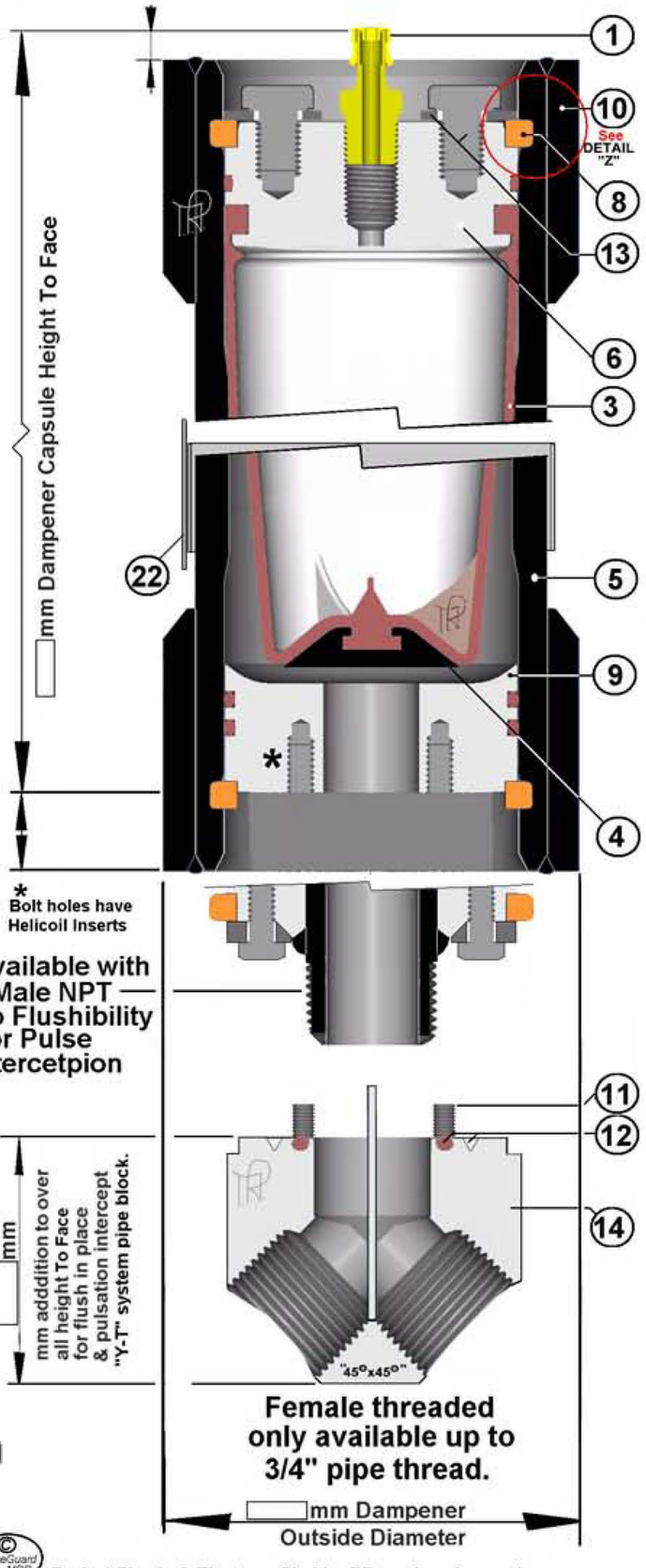
"PIPEGUARD Plas PP" by PULSEGUARD

Since 1965

Typical "Pig Plas-PP" Series Pulsation Damper, &options.

Poly-Prop. Plastic wetted parts + EP, Nitrile, Hypalon, Fluorel etc gas bags.

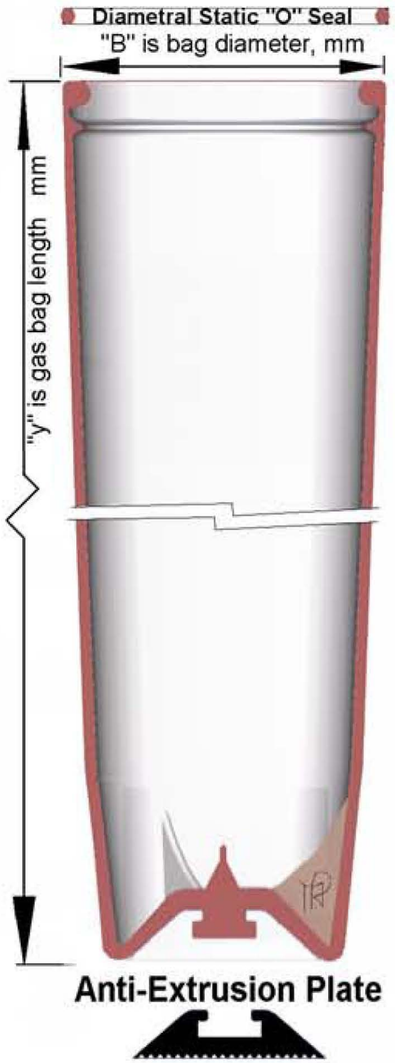


Available with 1 Male NPT — No Flushibility nor Pulse intercetpion

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

A full Spares Kit Consists of :

Pt Nbr. SK/B------- y------- ----*



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	65mm ID
1/4" ··	70mm ID to	220mm ID
3/8" ··	221mm ID to	310mm ID
Reserved for Jof-PLAS Sug-PLAS		
1/2" ··	mm ID to	mm ID

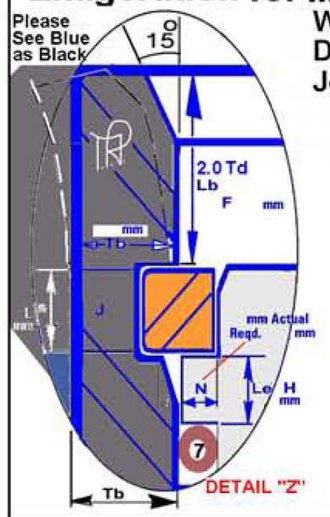
Static Diametral Seal Grooves:
Groove depth 70% actual section
Groove width 1.5 x actual section

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

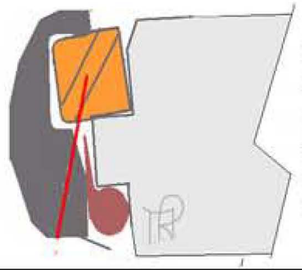
Exageration for Illustration of Fail Safe method.



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 presure

$$Td = \frac{\text{Design Pressure} \times \text{Radius Internal}}{S \times (\text{From Creep Test and to destruction 2000 Lbs In}^2) E - (0.6P)}$$



Fail Safe N_2 escape by diametral seal extrusion for Store Energy Release.

		IDENTIFICATION / TRACEABILITY
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 Sleve 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 PP & helicoil thread inserts *	
1	Nitrogen Pre-Fill Valve	

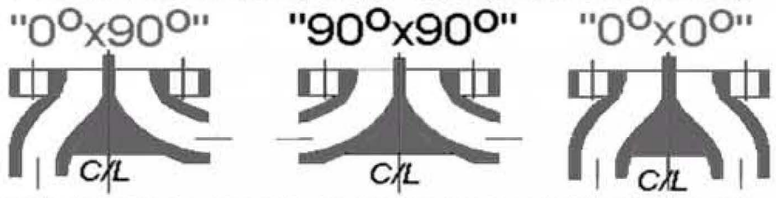
Item Nbr	Description / function ♦ BILL OF MATERIALS ♦	Internal "Heat/Cast No" PURCHASE No

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 1

Pig - Plas PP /___i/__p/B___y__/"O"/PVC + PB __"x__"FNPT-PVC

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

PulseGuard "Top-Hat"

Allows flushing of pipe "crud" and pipe hydro-test before damper bolt on. May also replace damper during service.

PulseGuard
http://www.PulseGuard.com
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