

# The PULSEGUARD

Guard against Pulsation



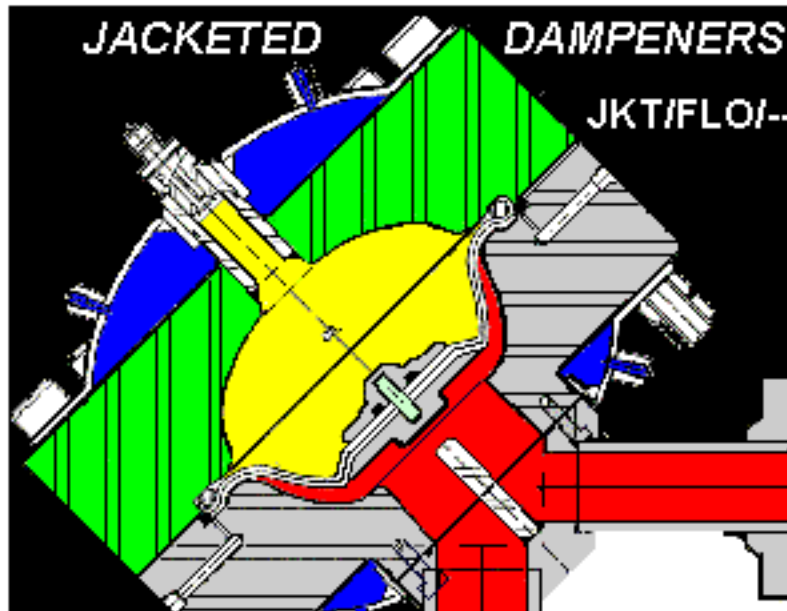
# FlexorberHP

With LDi Flexflon or E.9. DuPont Teflon



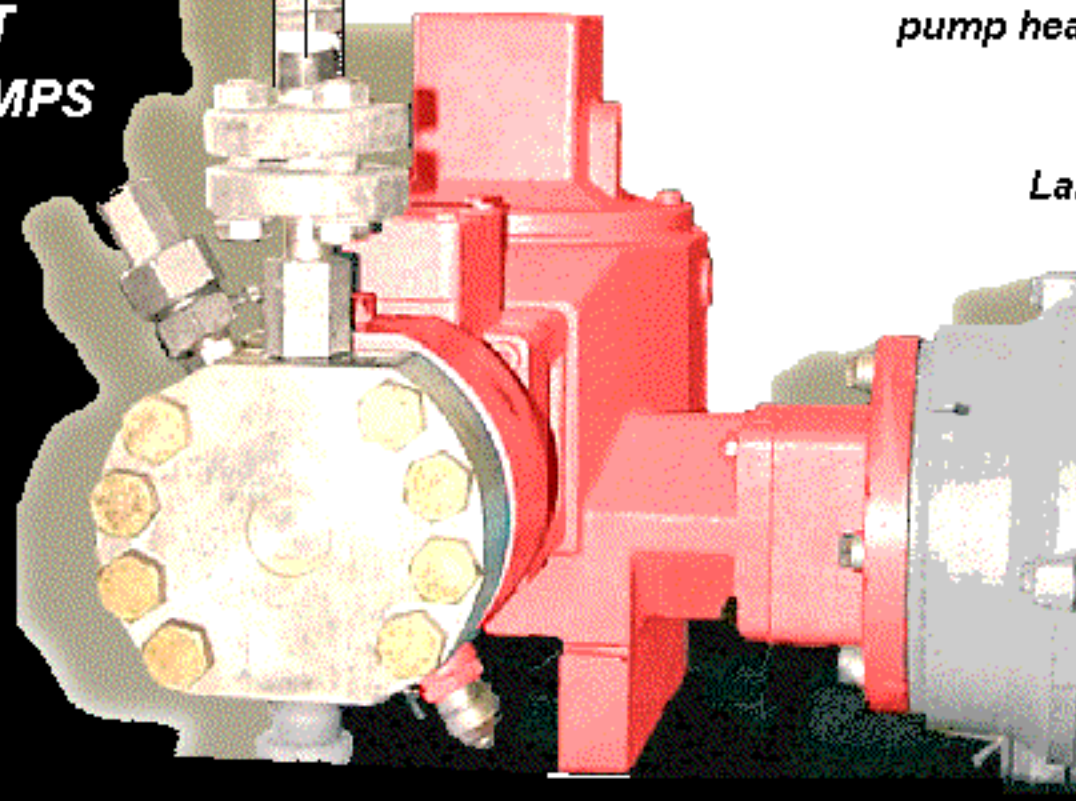
Under license from M. Parker since 1963

For the Ultimate in Smoothness where pressure is above 100 Bar, 1450 psi, & elastomer synthetic rubber is NOT compatible, and with bodies cut from solid billet



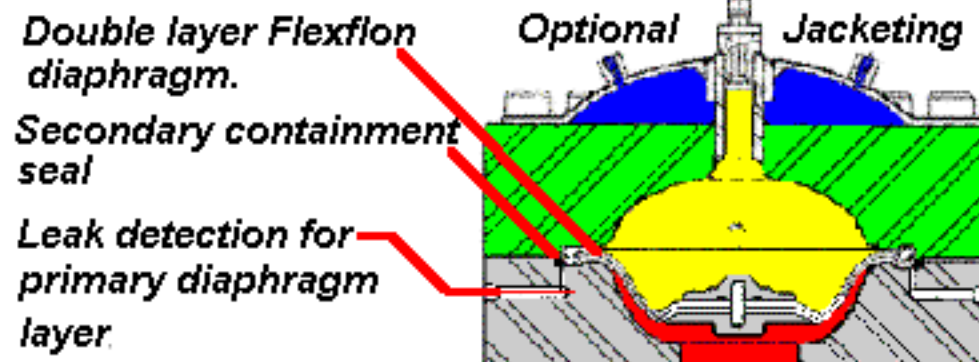
FOR HOT PUMPS

Minimum distance allows maximum performance.



### QUICK RELEASE DAMPERS, MAINTAIN PIPE INTEGRITY.

"Y" BASE ENABLES EASY PUMP HEAD LIFT OFF

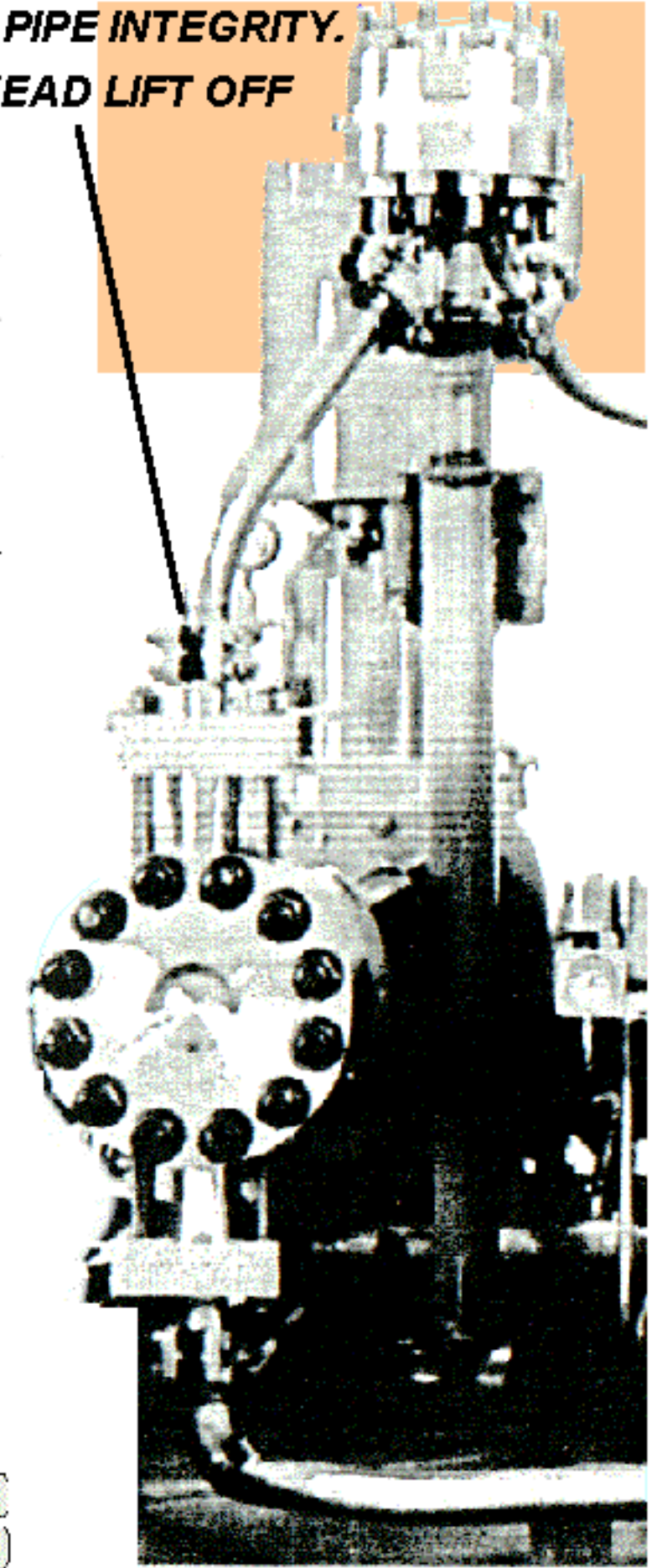


"Y" BASE FOR SET BACK. Enables un-obstructed pump head service.

4 bolts, & "O" face seal. Maintains pipework integrity during service.

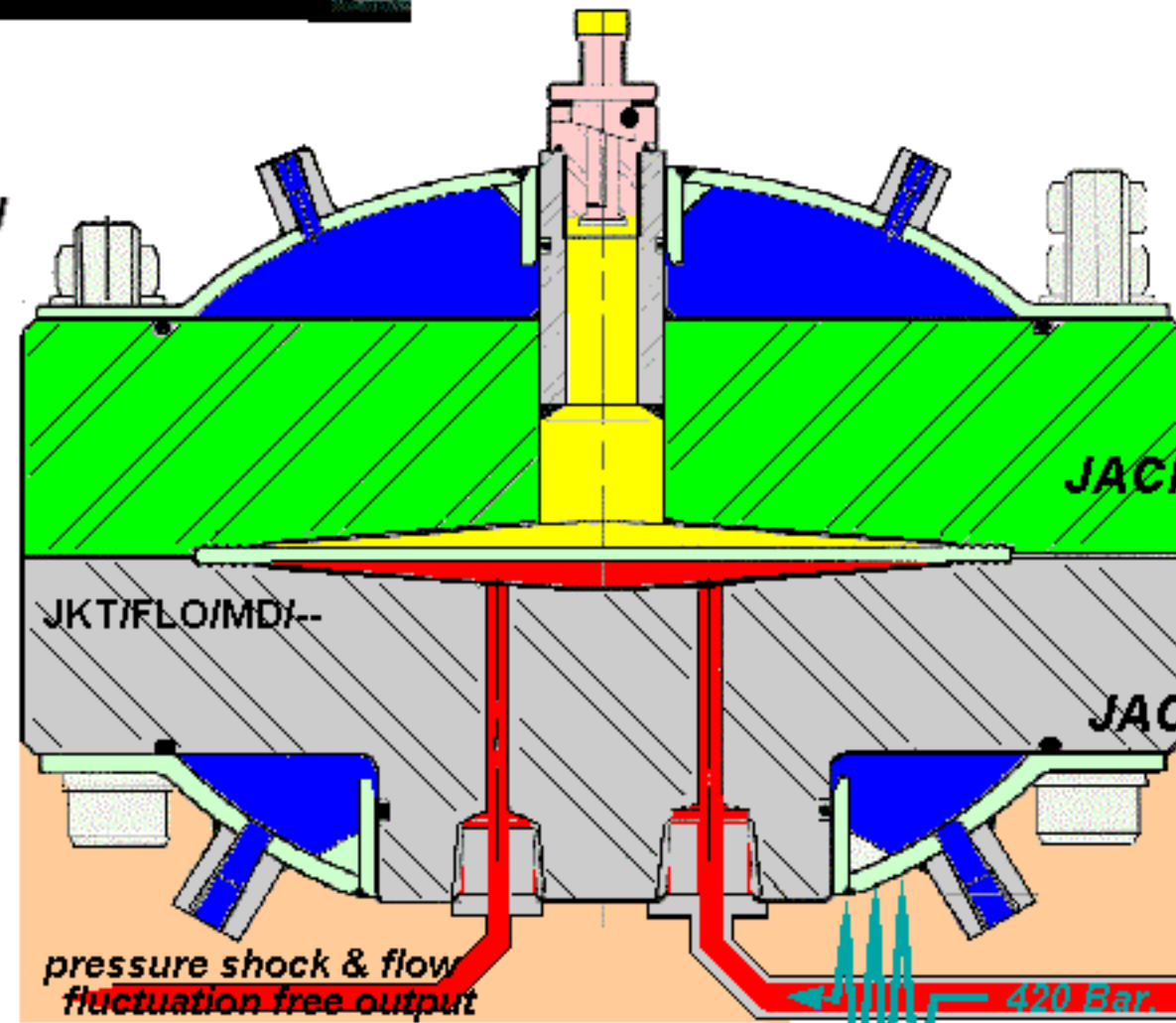
To pump  
To System  
Large diameter for peak velocities

What ever your application, we have your answer, probably from "off the shelf" inventory.



FLOW THROUGH ENSURES CONSTANT TEMPERATURE. PRESSURE PULSE INTERCEPTION IN PLACE FLUSHABILITY

LDi FLEXFLON, or DuPont Teflon, diaphragmed dampeners are available through 1,000 in3 16+ Litres, with connections up to 10" / 250 mm.

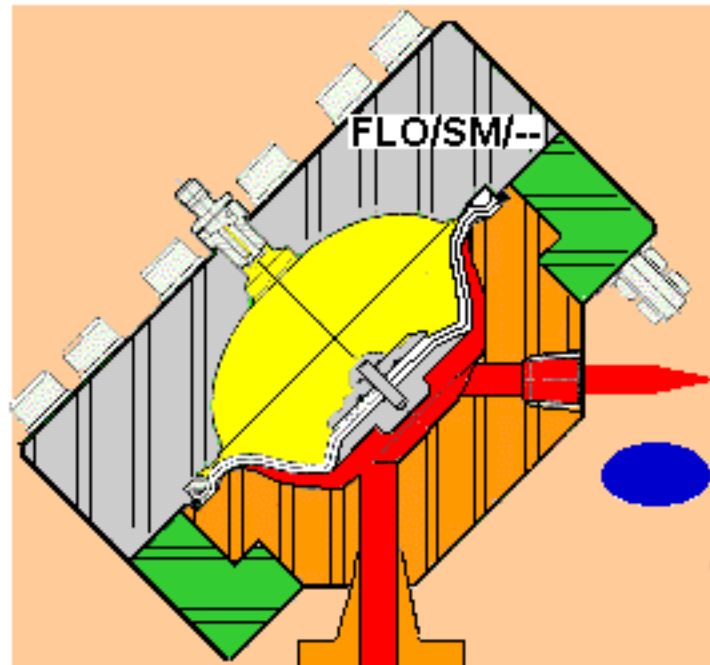


JACKETED, METAL DIAPHRAGM "REMOTE" PUMP HEADS

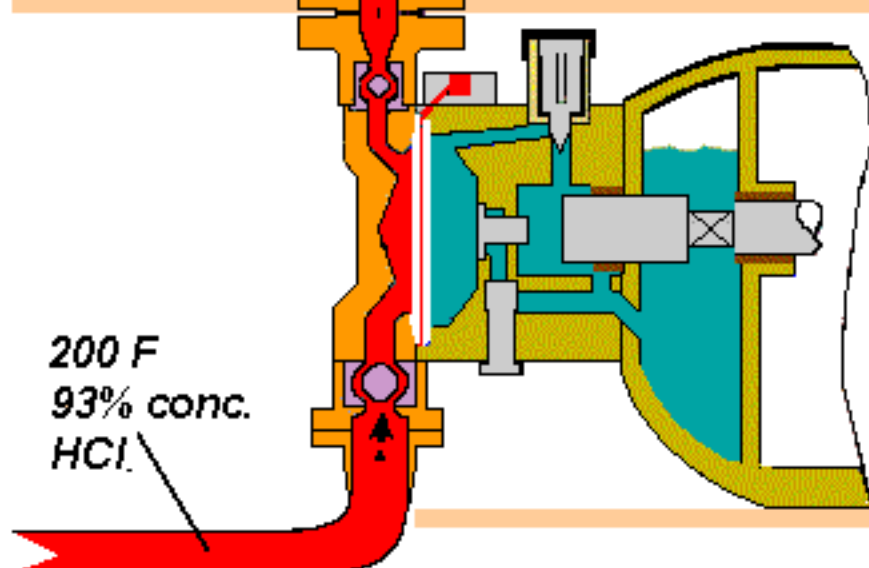
WITH JACKETED METAL DIAPHRAGM PULSATION DAMPENERS.

For SUPER HOT SYSTEMS

For SPECIAL METALS PUMPS



PULSATION DAMPENERS With wetted parts from: Tantalum, Zirconium etc.

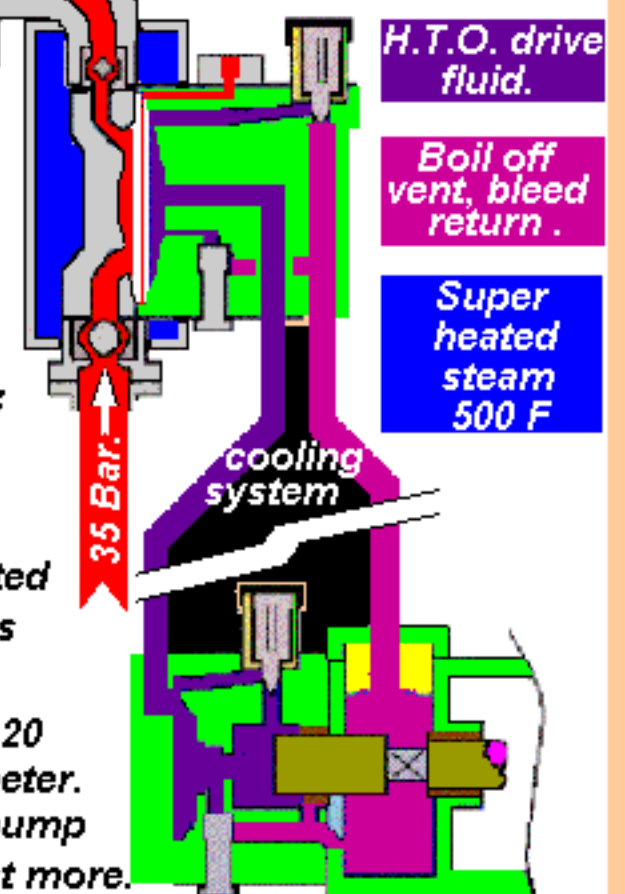


200 F 93% conc. HCl.

Damper volume is often 20x to 50x the pump volume. But rarely cost as much as a pump. Dampers are therefore very good value.

TO 30,000 psi  
2,000 Bar  
To 800 Degrees F  
425 C.

Metal diaphragms are limited to 2 degrees deflection, this provides 10,000 hour life. The damper, will be 7 to 20 times the pump head diameter. It may cost as much as a pump head, though it should cost more.



H.T.O. drive fluid.

Boil off vent, bleed return.

Super heated steam 500 F

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