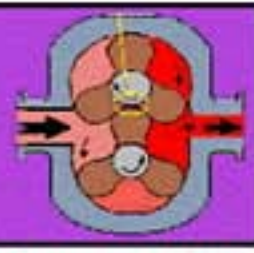




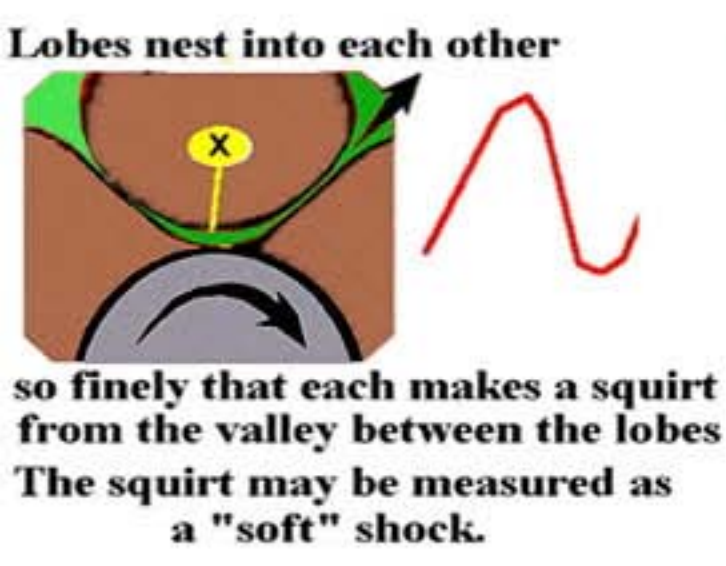
Low pressure medium frequency Lobe pump pipes Can need pulsation dampening .

Running on viscous liquids, a pulsation occurs.



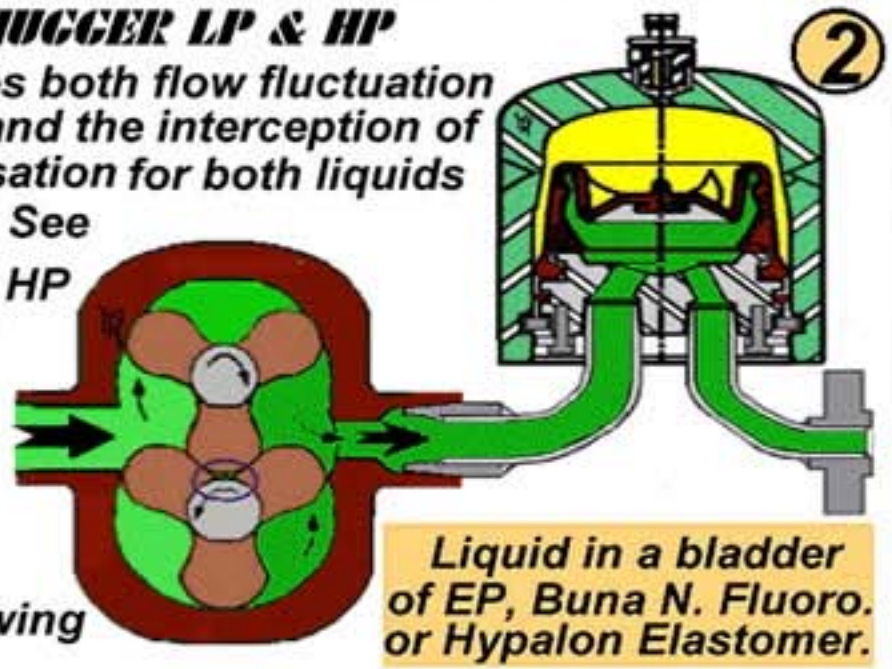
PUMPS make FLOW, SYSTEMS cause PRESSURE, pressure pulsation is a system response, AND a system responsibility NOT a pump manufacturers liability.

The source of the disturbances:
Magnified into pulsation by poor, or no pipe design frequency analysis is from "X"



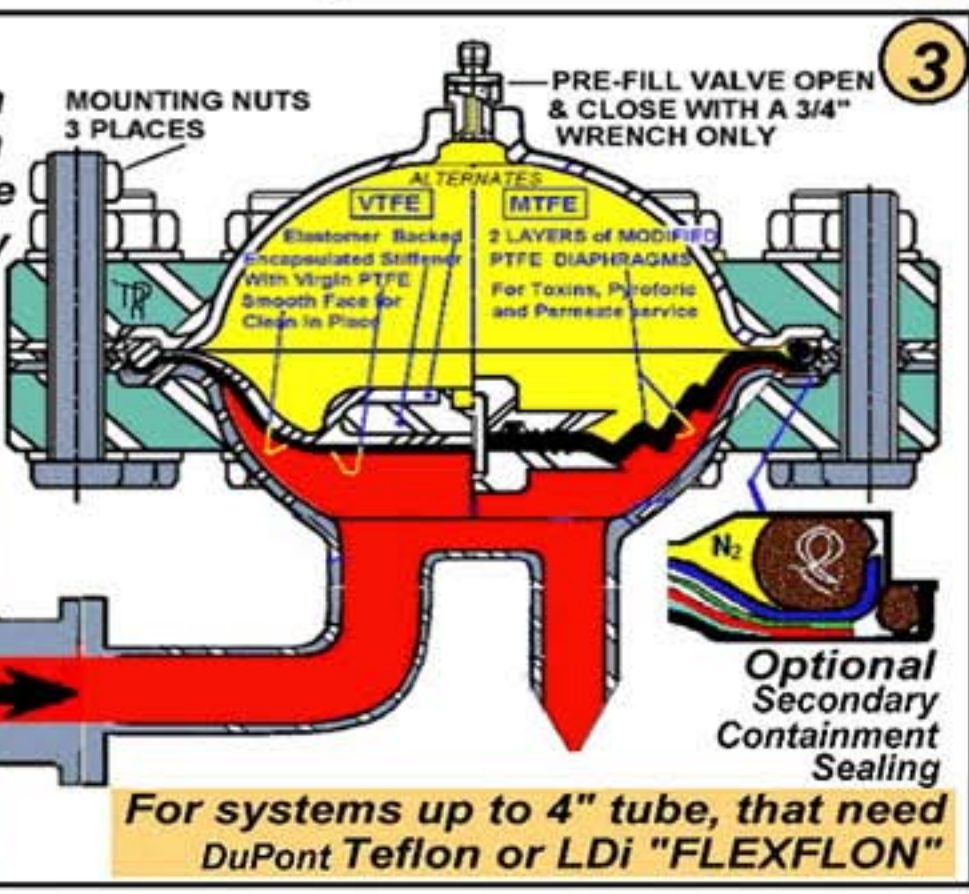
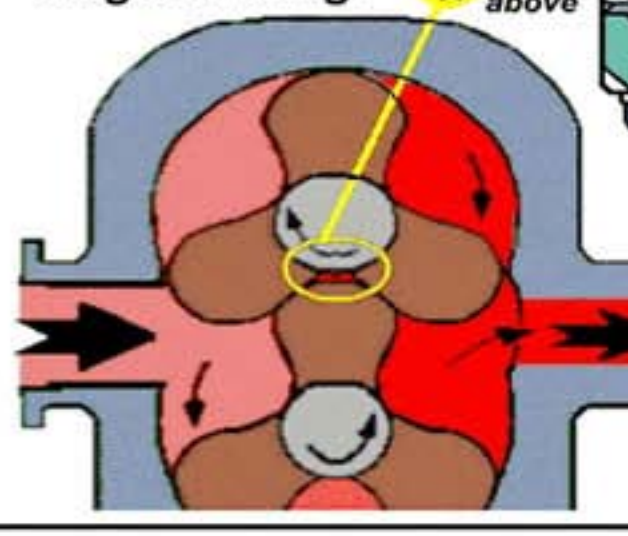
1

GOTO:- PIPEHUGGER LP & HP
which provides both flow fluctuation smoothing , and the interception of pressure pulsation for both liquids and slurries. See PHr LP & PHr HP price lists for off the shelf inventory dampers, dimensions, weights and cut sheet drawing



2

GOTO:- FLEXORBER LP
Which provides smooth face virgin DuPont Teflon with flow through in place flushability. For inventory See Price list & for dims. weight & drwg.



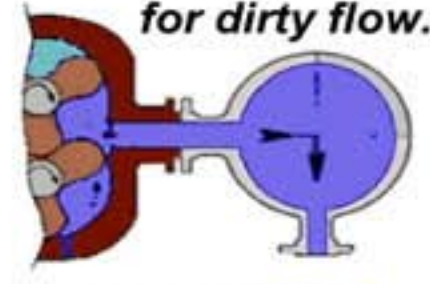
3

GOTO:- WAVEGUARD
Where pressure pulsation is the issue , not flow fluctuation, WAVEGUARDS with no moving parts are the choice.

WAG-HO with orifices for clean systems.

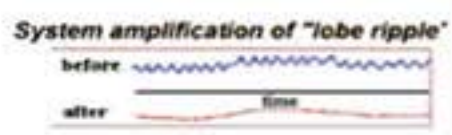
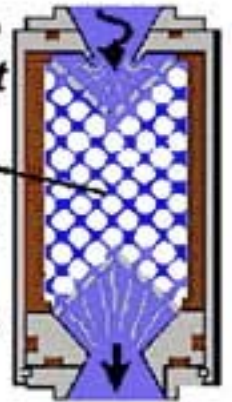


WAG-MT much larger, for dirty flow.



WAG-CER Smoothest

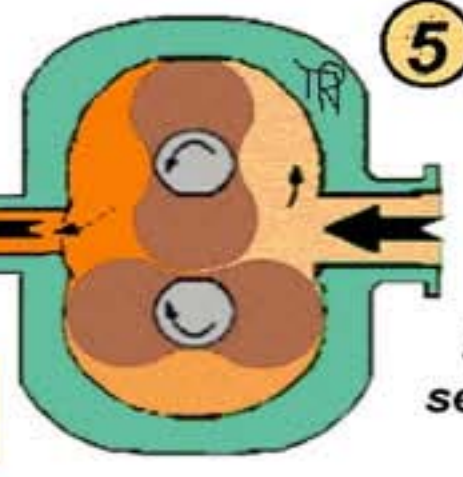
With ceramic balls for wave breaking.



GOTO:- PUMPGUARD For high viscosity systems plus, slurries, foods, & beverages.
Good for suction systems and discharge to 100 psi, where cost is not the major consideration.
Carry a complete spare when service down time is important.

no N₂ pre-fill required.
Flex-Tubes from :- EPDM, Nitrile Hypalon, Fluoro Elastomers etc.

PermaCushion foam fill
FelexTube elastomer



5 For prices, dimensions, weights, and section drawing of short lead time items, please see "PUG" price list.

When you see a damper or a pump of particular interest, please request literature dedicated to that subject.

Dampers that do. Flow goes through. BUT Pressure Pulsation does not.



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.

