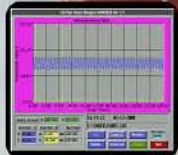


LDi-P26

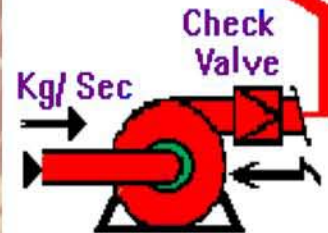
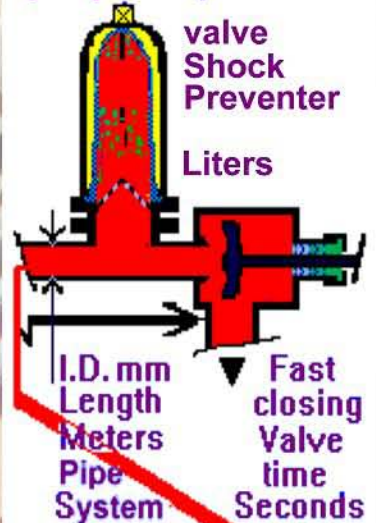
The schematic shows a typical **LDi "ShockView"** computer model that was compiled to analyze marine tanker loading systems from the jetty. There were five products, each coming a different distance from Tank farm pumps, each with a different viscosity, specific gravity, & compressibility.



MARACAS P...



Water Hammer shock or pump start-up surge analysis according to valve closure time or pump run-up time



Fast run-up time pump start-up surge, Seconds

- Membrane
- Air / N₂
- Process Liquid
- Steel or Plastic
- Lubrication Fluid

Advice

Keep I.D. as small as pos. to dissipate shock.

ShockView

Valve Closure Shock & Pump Start Surge Analysis



LIQUID DYNAMICS INTERNATIONAL Inc.

Analysis, Diagnostics, and Prediction by Software

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