PUMP SYSTEM

STATIC AND FRICTION HEAD

\[ H = \frac{p_D - p_s}{\text{dens}} = h_2 - h_1 + FR_{1-2} \]

H: total head of pump
H₂ – h₁: static head in feet
FR₁₂: friction head in feet from pipe friction tables
PRESSURE VS. HEAD

\[ p(\text{psi}) = \frac{z(\text{ft})}{2.31} \]

for water

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