

Pump Application Datasheet



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Phone: 802-255-4003

Name: _____
Company: _____
Address: _____
City: _____ State: _____ Zip: _____

Title: _____
Date: _____
Phone: _____
Email: _____

FLUID DATA

Fluid to be Pumped: _____ Capacity (Flow and Units): _____

Suction (Head) or (Lift): _____ Discharge Pressure (Head): _____

**See page 2*

NPSHa: _____ TDH: _____
NPSHa is *Net Positive Suction Head at pumping temp* TDH is *discharge head minus suction head or plus suction lift plus friction losses*

Temperature of Fluid: Units: _____ Max: _____ Norm: _____ Min: _____ Environment Temperature: _____

Solids in suspension (if any), please state types: _____

Largest Particle Size: _____ Average Particle Size: _____ Quantity of Solids: _____ Abrasive (Y/N): _____

Viscosity of Fluid: Units: _____ Max: _____ Norm: _____ Min: _____

SG (at Startup): _____ SG (at operating temp): _____

PUMP DATA/MATERIALS

Tag#: _____

Preferred Materials (Metals, plastics, etc...) _____

Seal less or Mechanical Seal: _____

Preferred End Connections (NPT or Flanged): _____

Existing/Preferred Inlet Pipe Size: _____

Static Line Pressure: _____

API Pipe Plan for Mechanical Seal (If required): _____

Lined (Y/N) (Material) : _____

Style of pump: _____

Existing/Preferred Outlet Pipe Size: _____

Ex. Horizontal, vertical, split-case, etc...

MOTOR DATA

Power (Voltage/Phase/Cycle): _____

VFD (Y/N): _____

Soft Starter (Y/N): _____

Harardous Area (Y/N): _____ Area Classification: _____

Air Pressure and Flowrate (for Air Operated): _____

IP Rating (Washdown, etc...): _____

Duty Cycle (Run time per day): _____

***Please note QTY of valves, fittings, pipe T's, and bends

NOTES

System Sketch

EXAMPLE SUCTION HEAD AND LIFT SKETCHES

