

# Diaphragm Pump Application Data Sheet

## **Fluid Info:**

Process Fluid: \_\_\_\_\_(Name or CAS#)  
Viscosity: \_\_\_\_\_  
(cP) Specific Gravity: \_\_\_\_\_  
Temperature: \_\_\_\_\_(°F or °C)  
Solids Present: \_\_\_\_\_(Yes or No)  
Max. Solid Size: \_\_\_\_\_Inches  
(Millimeters) Abrasives Present:\_(Yes or No)

## **Suction Condition:**

Application: \_\_\_\_\_(Flooded or Suction)  
Tank Height: \_\_\_\_\_Inches  
(Millimeters) Tank Capacity: \_\_\_\_\_  
55 gallon drum: \_\_\_\_\_  
300 gallon tote: \_\_\_\_\_  
Other: \_\_\_\_\_Gallons  
(Liters) Suction Line: \_\_\_\_\_  
Total Vertical Distance: \_\_\_\_\_Feet  
(Meters) Total Horizontal Distance: \_\_\_\_\_Feet  
(Meters)  
Pipe I.D.: \_\_\_\_\_Inches (Millimeters)  
# of 90 deg. turns: \_\_\_\_\_

## **Discharge Condition:**

Discharge Line: \_\_\_\_\_  
Total Vertical Distance: \_\_\_\_\_Feet  
(Meters) Total Horizontal Distance: \_\_\_\_\_Feet  
(Meters)  
Pipe I.D.: \_\_\_\_\_Inches (Millimeters)  
# of 90 deg. turns: \_\_\_\_\_  
Filter Present: \_\_\_\_\_(Yes or  
No)  
Nozzles Present: \_\_\_\_\_(Yes or No)

## **Pump Condition:**

Airline Size: \_\_\_\_\_Inches (Millimeters)  
Connection Type: \_\_\_\_\_(NPT, BSP, ANSI/DIN Flange, Tri-Clamp,  
etc) Flow Rate: \_\_\_\_\_GPM (m3/h)  
Air Pressure: \_\_\_\_\_PSI (Mpa)  
Suction Pressure: \_\_\_\_\_(PSI)  
Discharge Pressure: \_\_\_\_\_(PSI)