

# Summit Pump Application Data Sheet



Name \_\_\_\_\_ Date \_\_\_\_\_  
 Company \_\_\_\_\_ Phone \_\_\_\_\_  
 Address \_\_\_\_\_ Fax \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Email \_\_\_\_\_

Equipment # \_\_\_\_\_

Project # \_\_\_\_\_

### LIQUID PROPERTIES

Liquid \_\_\_\_\_  
 Temp. (F) \_\_\_\_\_  
 Viscosity (cps) \_\_\_\_\_  
 Specific Gravity \_\_\_\_\_  
 Vapor pressure (psi) \_\_\_\_\_  
 PH \_\_\_\_\_ % Solids \_\_\_\_\_  
 Other \_\_\_\_\_  
 \_\_\_\_\_

### SYSTEM

Design Conditions \_\_\_\_\_ GPM @ \_\_\_\_\_ ft TDH  
 Max. Conditions \_\_\_\_\_ GPM @ \_\_\_\_\_ ft TDH  
 Min. Conditions \_\_\_\_\_ GPM @ \_\_\_\_\_ ft TDH  
 NPSHa \_\_\_\_\_ ft Suction Pressure \_\_\_\_\_ psi  
 Min. Static Suction Head (flooded suction installation) \_\_\_\_\_ ft  
 Max. Static Suction Lift (suction lift installation) \_\_\_\_\_ ft  
 Suction Pipe Submergence \_\_\_\_\_ ft  
 Duty: 24/7 8 hrs Intermittent  
 Other \_\_\_\_\_  
 \_\_\_\_\_

### MOTOR REQUIREMENTS

Enclosure:  
 TEFC  
 Washdown  
 Exp Proof; Class \_\_\_\_\_ Div \_\_\_\_\_ Group \_\_\_\_\_  
 Controlled with a VFD: Yes No  
 Phase \_\_\_\_\_ Cycles \_\_\_\_\_ Voltage \_\_\_\_\_  
 Other \_\_\_\_\_  
 \_\_\_\_\_

### BASEPLATE / MOUNTING

Baseplate: Cast Iron Fabricated  
 Coupling: Spacer Non-Spacer  
 Other \_\_\_\_\_  
 \_\_\_\_\_

### MATERIALS OF CONSTRUCTION

Casing: Iron SS CD4 A20  
 Impeller: SS CD4 A20  
 Shaft: Sleeved Solid  
 Shaft material: 4140 SS  
 Sleeve material: SS A20 Hardcoat  
 Paint: Mfg Standard Unpainted  
 Other \_\_\_\_\_  
 \_\_\_\_\_

### STUFFING BOX

Mechanical seal:  
 Single Double  
 Cartridge Component  
 Packing:  
 Mfg Standard  
 Stuffing box cover:  
 Standard bore Taper Bore Large Bore  
 API Flush Plan (if required) \_\_\_\_\_  
 Other \_\_\_\_\_  
 \_\_\_\_\_

### CUSTOMER REQUIREMENTS

Approval Drawings: Yes No  
 Certificate of Conformance: Yes No  
 Hydrostatic Test:  
 None Witnessed Non-Witnessed  
 Performance Test:  
 None Witnessed Non-Witnessed  
 Other \_\_\_\_\_  
 \_\_\_\_\_

### EXISTING PUMP DATA

Mfg and model \_\_\_\_\_  
 Size \_\_\_\_\_ Serial number \_\_\_\_\_  
 Other \_\_\_\_\_  
 \_\_\_\_\_

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### SYSTEM SKETCH