

Summit Pump Application Data Sheet

Document No: SP-SAL-008
Revision: 20.1 (4/20/2020)



Name _____ Date _____
Company _____ Phone _____
Address _____ Fax _____
City _____ State _____ Zip _____ Email _____

Equipment # _____

Project # _____

LIQUID PROPERTIES

Liquid _____
Temp. (°C) _____
Viscosity (cps) _____
Specific Gravity _____
Vapor pressure (kPa) _____
PH _____ % Solids _____
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 _____

SYSTEM

Design Conditions _____ m³/hr @ _____ m TDH
Max. Conditions _____ m³/hr @ _____ m TDH
Min. Conditions _____ m³/hr @ _____ m TDH
NPSHa _____ m Suction Pressure _____ kPa
Min. Static Suction Head (flooded suction installation) _____ m
Max. Static Suction Lift (suction lift installation) _____ m
Suction Pipe Submergence _____ m
Duty: 24/7 8 hrs Intermittent
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 _____

MOTOR REQUIREMENTS

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

BASEPLATE / MOUNTING

Baseplate: Cast Iron Fabricated
Coupling: Spacer Non-Spacer
Other _____

EXISTING PUMP DATA

Mfg and model _____
Size _____ Serial number _____
Other _____

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PUMP, Inc

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SYSTEM SKETCH