

PFC Equipment 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