

# PREMIER PUMP & POWER

# SPECIFICATION SHEET FOR MODEL 2.5H-SA Trailer Mounted Pump

VACUUM ASSISTED, HEAVY DUTY
CLEAR WATER PUMP

#### PUMP SPECIFICATIONS

Size 2.5" X 4" AISI 125# flanges
Wear Ring ASTM A48 class 30 cast iron
Volute Casing ASTM A48 class 30 cast iron
Backplate ASTM A48 class 30 cast iron
Mechanical Seal Tungsten vs. Silicon Carbide

seal faces, Viton elastomers, 300 series stainless steel hardware & spring, seal system designed for dry indefinite running

Impeller Enclosed type, seven port, clear

liquid, w/.41 inch spherical solids handling capability.
ASTM A48 class 30 cast iron

Bearing Housing ASTM A48 class 30 cast iron

Pump-end Bearing Single row ball – 6313-C3

Drive-end Bearing Single row ball – 6313-C3 1144

Shaft Stressproof steel
Lip Seals CR type, single lip

Discharge check valve Swing type, ductile iron

w/Buna-N disc

#### PRIMING

Priming System Vacuum Pump: 50 CFM air flow

capacity, diaphragm style

continuous vacuum, mechanically

driven

Separator Spool Standard steel

Air/Water Chamber Chamber designed to separate

air and water before entering the

pump case



### **ENGINE SPECIFICATIONS**

Model Cummins Model QSF2.8 Final

Tier 4

Horsepower 74 intermittent horsepower @

2500 RPM Four cylinder, four cycle, water cooled diesel

engine

Governor Electronic

Fuel Consumption 2.6 Gallons Per Hour @ Max

**RPM** 

Safety Shut Down Low Oil Pressure, High

Temperature

Instrument Panel Lofa CP750 auto start control

panel

#### STANDARD TRAILER

Frame Powder coated, heavy duty,

fabricated steel frame with lifting

bale

Fuel Tank Integral 80 gallon HDPE fuel cell

Axle 7000# Torsion Flex

Brakes Electric with DOT lighting

package

### **ENCLOSURE**

Material 14 Gauge solid steel outer shell

Finish Powder coated

Sound Barrier 1"- 2" Accounstical foam

insulation

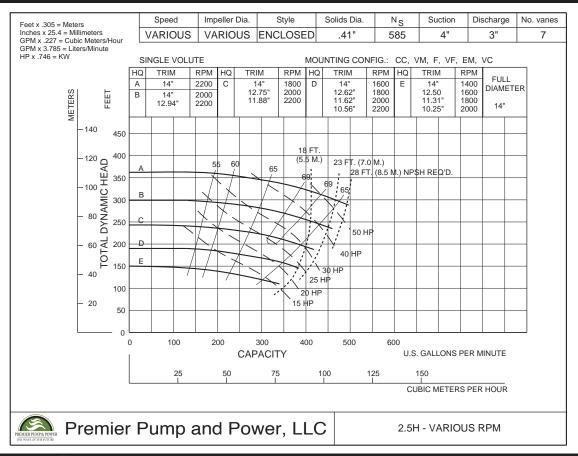
Access Panels Hinged, lockable swinging doors

for easy access to pump and

engine.

Sound Level Unit not to exceed 70 DBA @ 30'

## **PERFORMANCE CURVE**



**DIMENSIONAL DRAWINGS** 

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