



PREMIER PUMP & POWER
THE WAVE OF THE FUTURE

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SPECIFICATION SHEET FOR MODEL 2.5H Trailer Mounted Pump VACUUM ASSISTED, HEAVY DUTY CLEAR WATER PUMP

PUMP SPECIFICATIONS

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|-----------------------|--|
| 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 gray 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 |



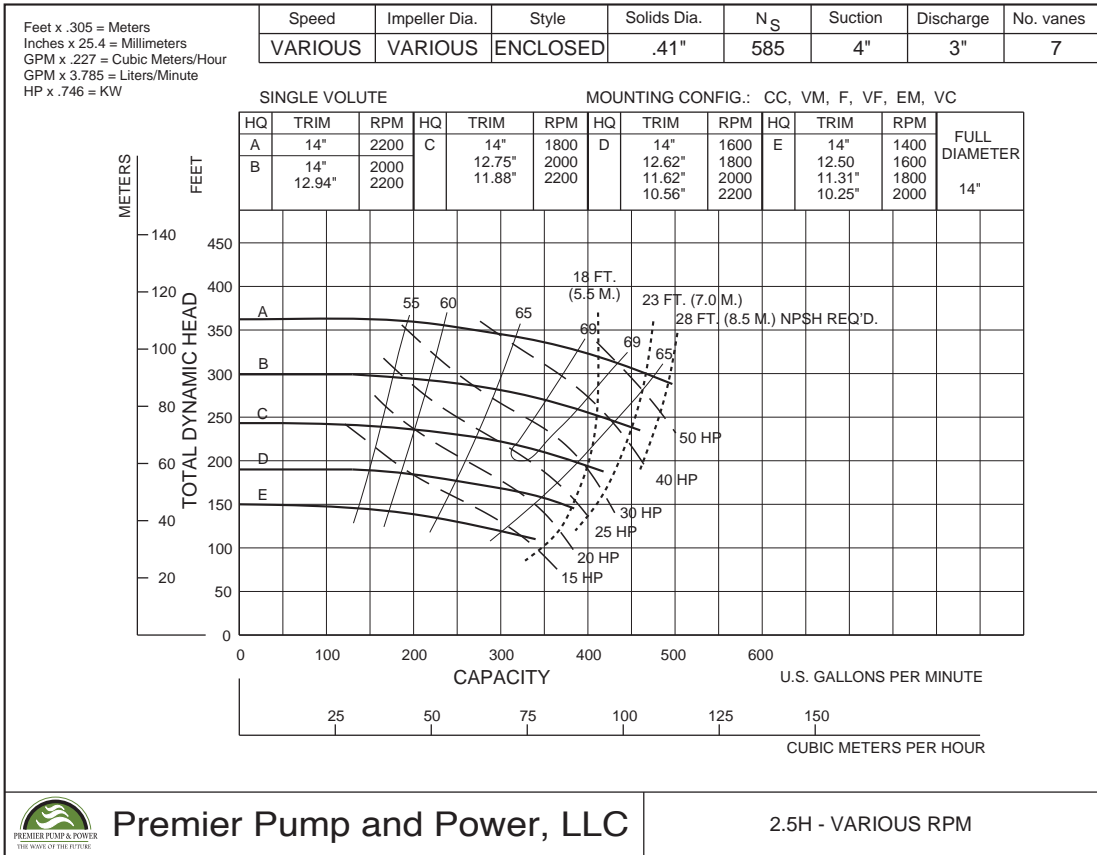
ENGINE SPECIFICATIONS

| | |
|------------------|---|
| 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 | Heavy duty, powder coated fabricated steel frame with lifting bale |
| Fuel Tank | Integral 80 gallon HDPE fuel cell |
| Axle | 5200# Torsion Flex |
| Brakes | Electric with DOT lighting package |

PERFORMANCE CURVE



DIMENSIONAL DRAWINGS

