

# Priming Assisted Centrifugal Pump w/Autostart Model VPA6A60C-4LE2T FT4

**ValuPrime**
**Size 6" x 6"**


| Total Head   |      | Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance |      |      |      |
|--------------|------|-----------------------------------------------------------------------------|------|------|------|
| P.S.I.       | Feet |                                                                             |      |      |      |
| 41.2         | 95   | 390                                                                         | 390  | 390  | 390  |
| 39.0         | 90   | 450                                                                         | 570  | 570  | 570  |
| 34.7         | 80   | 530                                                                         | 700  | 830  | 900  |
| 30.3         | 70   | 615                                                                         | 805  | 975  | 1110 |
| 26.0         | 60   | 690                                                                         | 900  | 1100 | 1245 |
| 21.7         | 50   | 760                                                                         | 1000 | 1175 | 1375 |
| 17.3         | 40   | 830                                                                         | 1080 | 1250 | 1485 |
| 13.0         | 30   | 870                                                                         | 1130 | 1320 | 1595 |
| 8.7          | 20   | 910                                                                         | 1185 | 1390 | 1650 |
| Suction Lift |      | 20'                                                                         | 15'  | 10'  | 5'   |

## PUMP SPECIFICATIONS

**Size:** 6" x 6" (152 mm x 152 mm) Flanged.

**Casing:** Gray Iron 30.

Maximum Operating Pressure 62 psi (428 kPa).

Maximum Temperature of Liquid Pumped 160°F (71°C).\*

**Semi-Open Type, Two Vane Impeller:** Ductile Iron 65-45-12.

Handles 3" (76.2 mm) Diameter Spherical Solids.

**Impeller Shaft:** Alloy Steel 4150.

**Replaceable Wear Plate:** Carbon Steel ASTM A36.

**Bearing Housing:** Gray Iron 30.

**Seal Plate:** Gray Iron 30.

**Seal:** Type 31, Mechanical, Oil-Lubricated. Silicon Carbide Rotating and Stationary Faces. Nitrile Elastomers. Stainless Steel 18-8 Cage and Spring.

**Shaft Sleeve:** Alloy Steel 4130.

**Priming Chamber:** Gray Iron 30 Housing w/Stainless Steel Float and Linkage.

**Discharge Check Valve:** Ductile Iron Housing w/Buna-N Flapper.

**Bearings:** Permanently Lubricated Single Row Ball.

**Seal Cavity Lubrication:** SAE 30 Non-Detergent Oil.

**Gaskets:** Red Rubber.

**O-Rings:** Buna-N.

**Hardware:** Standard Plated Steel.

\*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.

**Standard Equipment:** Belt-Driven Air Compressor. Hoisting Bail. Combination Skid Base w/Fuel Tank. Strainer. Standard Auto-start Control Panel [Single Ball Type Float Switch](#).\*\*

**Optional Equipment:** Battery. Skid Drag Base Kit. High Speed (55 MPH/89 KM/H) Single Axle Pneumatic-Tired Wheel Kit w/ DOT-Approved Lights and Electric Brakes.

\*\*50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.



## ENGINE SPECIFICATIONS

**Model:** Isuzu 4LE2T.

**EPA Tier:** Final Tier 4.

**Type:** Four Cylinder, Turbocharged Diesel Engine.

**Displacement:** 134 Cu. In. (2.2 Liters).

**Lubrication:** Forced Circulation.

**Governor:** Electronic.

**Air Cleaner:** Dry Type.

**Fuel Tank:** 34 U.S. Gals. (128.7 Liters).

**Full Load Operating Time:** 20.6 Hrs.

**Starter:** 12V Electric.

**Standard Features:** Muffler w/Weather Cap. DOC Exhaust After-Treatment System.

**Optional:** Electronic Fuel Level Sensor.

**Engine Control Features:** Padlockable Box with Throttle Control, Tachometer, Coolant Temperature, Oil Pressure, Voltage and Overstart Indicators/Shut-downs. Manual/Stop/Auto Keyswitch. Audible Startup Warning Delay. Fuel Level Display/Alarm/Shutdown (For Use With Optional Fuel Level Sensor).

## ISUZU PUBLISHED PERFORMANCE:

Maximum Gross Continuous BHP

48 (35.8 kW) @ 2400 RPM


**GORMAN-RUPP PUMPS**
[www.grpumps.com](http://www.grpumps.com)

Specifications Subject to Change Without Notice

Printed in U.S.A.

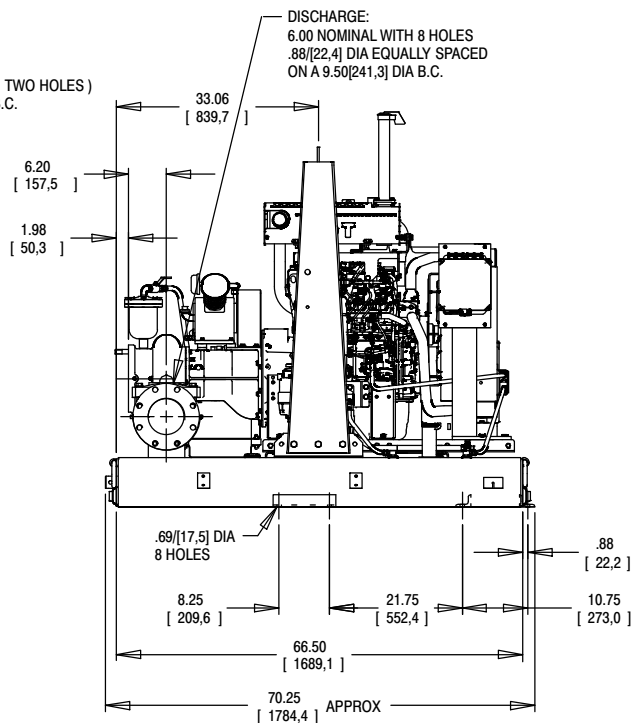
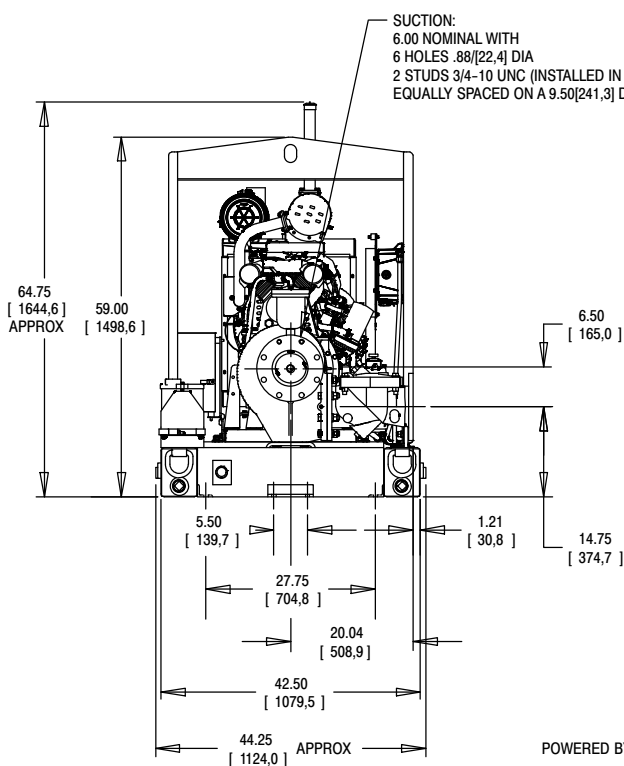
# Specification Data

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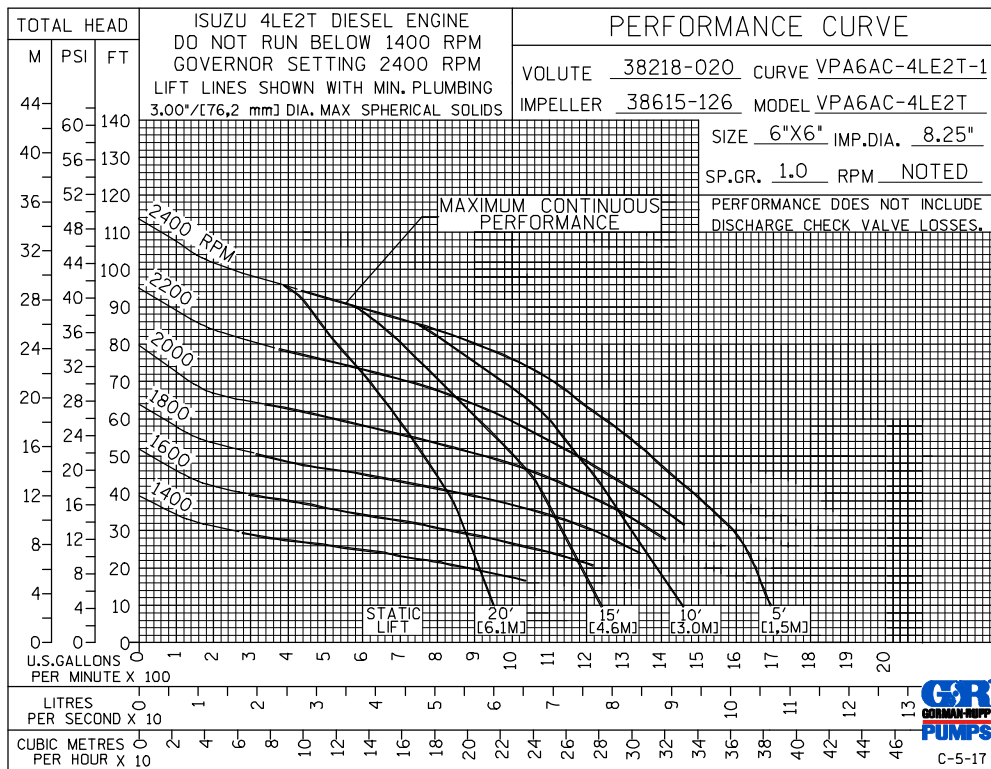
APPROXIMATE  
DIMENSIONS and WEIGHTS

## SKID BASE

**NET WEIGHT:** 1820 LBS. (825,5 KG.)  
**SHIPPING WEIGHT:** 2070 LBS. (939,0 KG.)  
**EXPORT CRATE SIZE:** 133.6 CU. FT. (3,8 CU. M.)



POWERED BY: ISUZU 4LE2T DIESEL ENGINE



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