



Diesel Engine Driven Priming Assisted Centrifugal Pump w/Autostart

Model PA4A71C-C2.2T /S1 Size 4" x 4"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
53.8	124	185	185	185	185
52.0	120	220	220	220	220
47.7	110	350	395	395	395
43.4	100	450	530	535	535
39.0	90	475	580	660	660
34.7	80	480	592	720	775
30.3	70	485	600	725	850
26.0	60	490	610	730	860
Suction Lift		24'	20'	15'	10'

PUMP SPECIFICATIONS

Size: 4" x 4" (102 mm x 102 mm) Flanged.

Casing: Gray Iron 30.

Maximum Operating Pressure 87 psi (601 kPa).*

Semi-Open Type, Two Vane Impeller: G-R Hard Iron.
Handles 3" (76.2 mm) Diameter Spherical Solids.

Suction Spool: Gray Iron 30.

Impeller Shaft: Stainless Steel 17-4 PH.

Replaceable Wear Plate: Alloy Steel AR-400.

Bearing Housing: Gray Iron 30.

Seal Plate: G-R Hard Iron.

Seal: Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning, Silicon Carbide Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring.
Maximum Temperature of Liquid Pumped 160°F (71°C).*

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.

Radial Bearing: Open Single Ball.

Thrust Bearing: Open Double Ball.

Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.

Gaskets: Vegetable Fiber.

O-Rings: Buna-N.

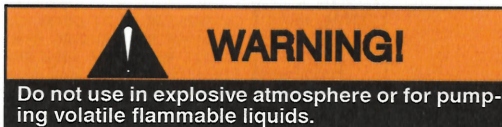
Hardware: Standard Plated Steel.

Bearing and Seal Cavity Oil Level Sight Gauges.

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

Standard Equipment: Belt-Driven Air Compressor. Hoisting Bail. Battery. Combination Skid Base w/Fuel Tank. Strainer. High Speed (55 MPH/89 KM/H) Single Axle Pneumatic-Tired Wheel Kit w/DOT-Approved Lights and Electric Brakes. Single Ball Type Float Switch.**

****50 Ft. (15 m) Standard Length.**



ENGINE SPECIFICATIONS

Model: Caterpillar C2.2.

Type: Four Cylinder, Four Cycle, Turbocharged, Liquid Cooled Diesel Engine.

Displacement: 135 Cu. In. (2.2 Liters).

Lubrication: Forced Circulation.

Air Cleaner: Dry Type.

Fuel Tank: 61 U.S. Gals. (231 liters).

Full Load Operating Time: 32.2 Hrs.

Starter: 12V Electric.

Standard Features: Low Oil Pressure and High Coolant Temperature Safety Shut Down Switches. Autostart Instrument Panel Includes: Tachometer, Voltmeter, Hourmeter, Coolant Temperature, Oil Pressure and Fuel Level Displays. Manual/Stop/Auto Key Switch, 10 Amp Fuse. Startup Warning Delay. Muffler w/Weather Cap. Throttle Control.

CATERPILLAR PUBLISHED PERFORMANCE:

Maximum Gross BHP (Intermittent)

61 (45 kW) @ 3000 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA

www.grpumps.com

Specifications Subject to Change Without Notice

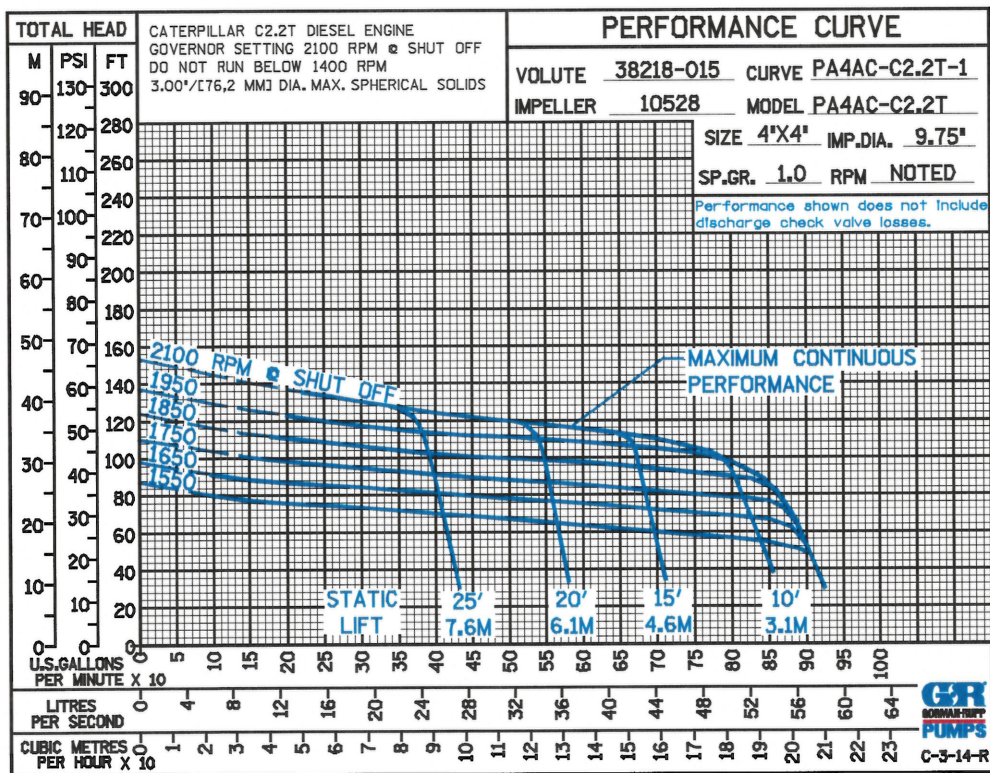
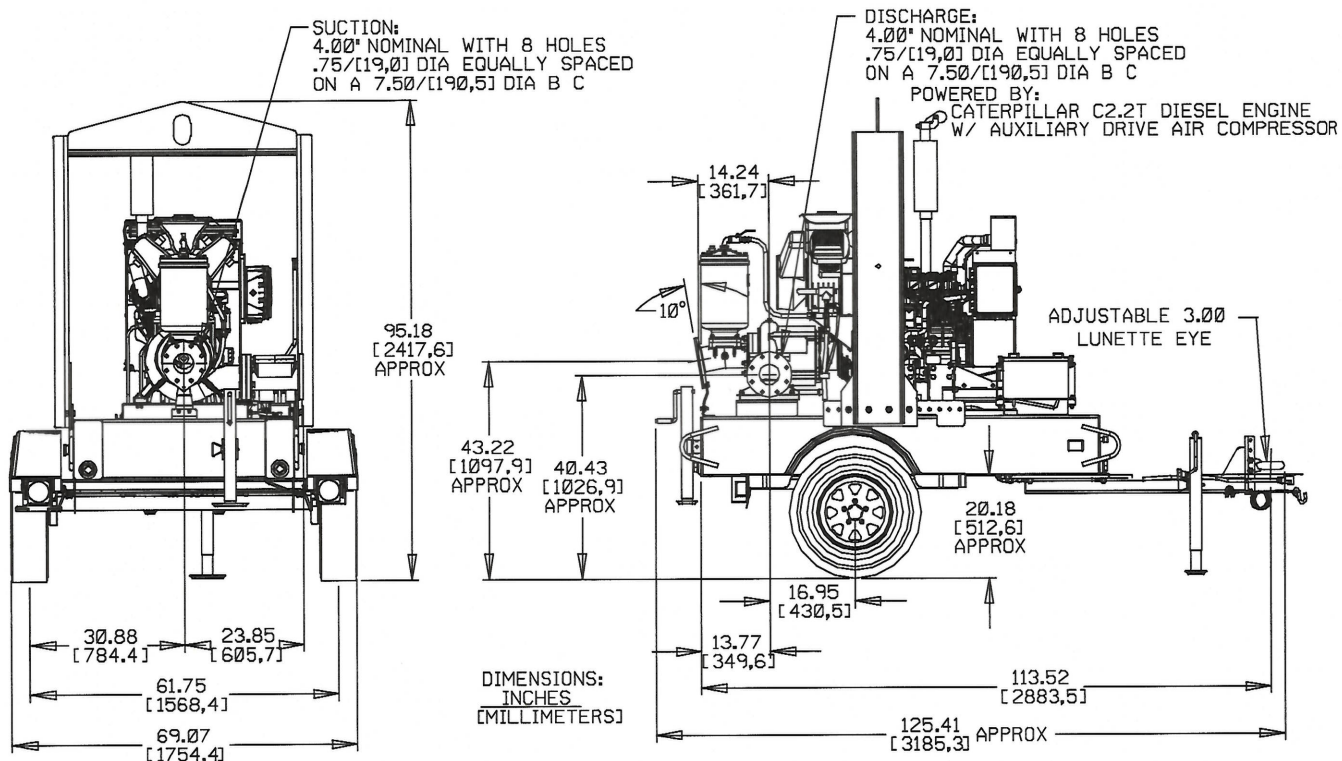
Printed in U.S.A.

Specification Data

SECTION CAT, PAGE 20

APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 2890 LBS. (1310,9 K.G.)
SHIPPING DIMENSIONS: 500 CU. FT. (14,1 CU. M.)



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA

Specifications Subject to Change Without Notice

Printed in U.S.A.