



Priming Assisted Centrifugal Pump w/Autostart

Model PAH8A60-C9 /S1

Size 10" x 8"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
133.5	308	950	950	950	950
121.4	280	1650	1650	1650	1650
104.0	240	1950	3000	3200	3200
86.7	200	1950	3100	3850	4250
69.4	160	1950	3100	4000	4600
52.0	120	1950	3100	4000	4825
34.7	80	1950	3100	4025	4900
17.3	40	1950	3100	4050	4900
Suction Lift		25'	20'	15'	10'

PUMP SPECIFICATIONS

Size: 10" x 8" (254 mm x 203 mm) Flanged.

Casing: Ductile Iron 65-45-12.

Maximum Operating Pressure 222 psi (1531 kPa).*

Enclosed Type, Two Vane Impeller: Ductile Iron 65-45-12.

Handles 3" (76.2 mm) Diameter Spherical Solids.

Suction Head: Gray Iron 30.

Suction Spool: Gray Iron 30.

Impeller Shaft: Alloy Steel 4150M.

Replaceable Wear Ring: Ductile Iron 65-45-12.

Bearing Pedestal: Gray Iron 30.

Seal Plate: Gray Iron 30.

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

Shaft Sleeve: Stainless Steel 303/304.

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 Roller.

Thrust Bearing: Open Double Ball.

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

Gaskets: Vegetable Fiber.

O-Rings: Buna-N.

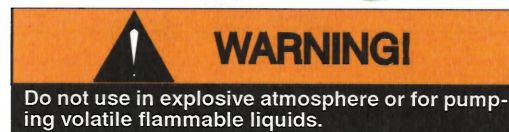
Hardware: Standard Plated Steel.

Bearing and Seal Cavity Oil Level Sight Gauges.

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

Standard Equipment: Tandem Axle Over-the-Road Trailer (Meets DOT Requirements) w/Electric Brakes, Running Lights, Jack Stands and Safety Cables/Chains. Battery. Gear-Driven Air Compressor. Hoisting Bail. Combination Skid Base w/Fuel Tank. Strainer. Single Ball Type Float Switch.**

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



ENGINE SPECIFICATIONS

Model: Caterpillar C9.

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

Displacement: 537 Cu. In. (8.8 Liters).

Lubrication: Forced Circulation.

Air Cleaner: Dry Type.

Fuel Tank: 236 U.S. Gallons (893 Liters).

Full Load Operating Time: 16.3 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)
350 (261 kW) @ 2200 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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www.grpumps.com

Specifications Subject to Change Without Notice

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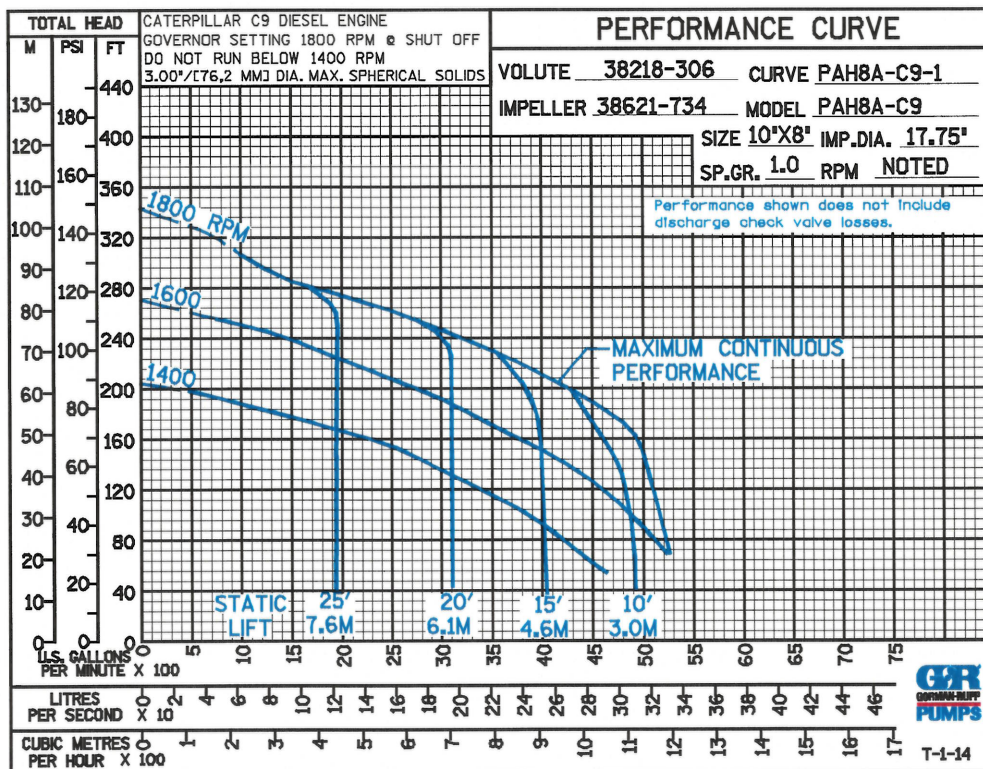
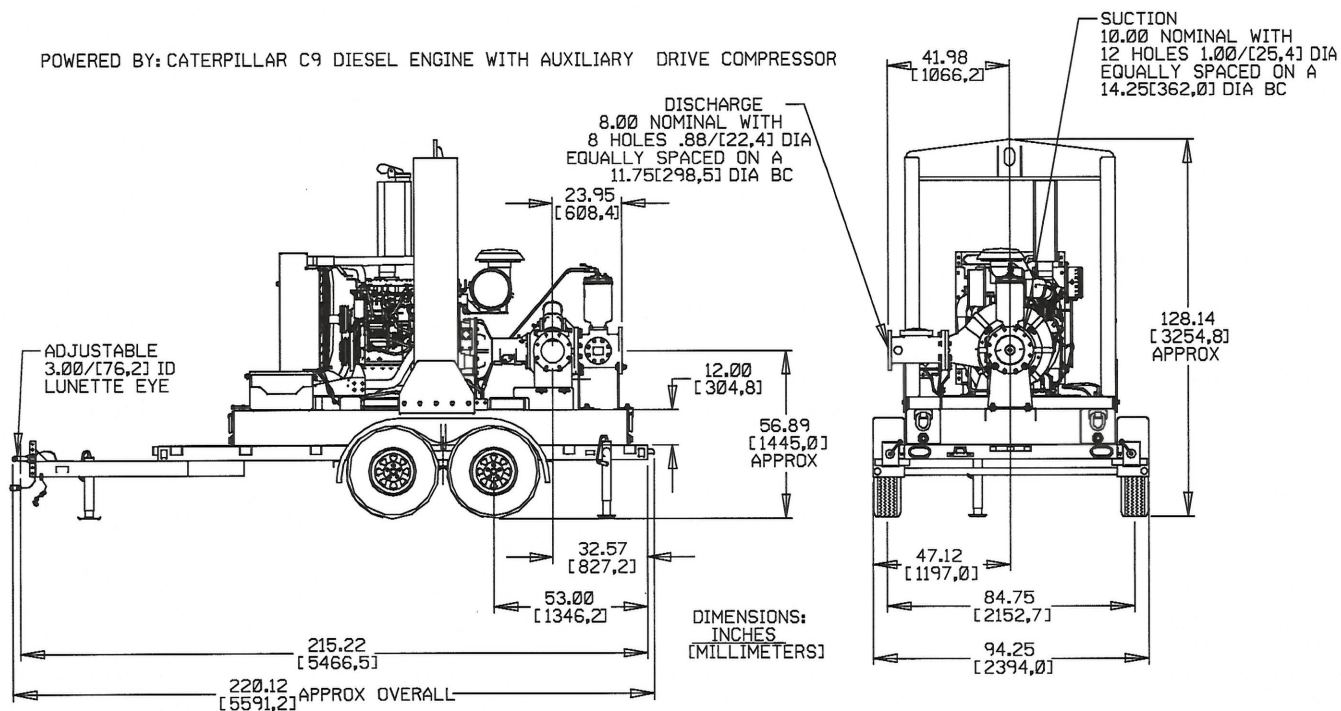
Specification Data

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APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 9720 LBS. (4409 KG.)
SHIPPING DIMENSIONS: 1759.7 CU. FT. (49.8 CU. M.)

POWERED BY: CATERPILLAR C9 DIESEL ENGINE WITH AUXILIARY DRIVE COMPRESSOR



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