



VARIOUS PATENTS APPLY

# Priming Assisted Centrifugal Pump w/Autostart Model PA6H60-QSB4.5P Size 8" x 6"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
75.9	175	750	750	750	750
65.0	150	1300	1300	1350	1350
54.2	125	1650	1650	1880	1880
43.4	100	1710	2000	2225	2225
32.5	75	1750	2050	2350	2480
21.7	50	1800	2075	2400	2625
10.8	25	1840	2120	2450	2725
<b>Suction Lift</b>		<b>23'</b>	<b>20'</b>	<b>15'</b>	<b>10'</b>

**PUMP SPECIFICATIONS****Size:** 8" x 6" (203 mm x 152 mm) Flanged.**Casing:** Ductile Iron 65-45-12.

Maximum Operating Pressure 127 psi (876 kPa).\*

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

Handles 3" (76,2 mm) Diameter Spherical Solids.

**Impeller Shaft:** Stainless Steel 17-4 PH.**Externally Adjustable, Replaceable Wear Plate:** Ductile Iron 80-60-03.**Removable Cleanout Cover Plate:** Gray Iron 30.**Bearing Housing:** Gray Iron 30.**Seal Plate:** Gray Iron 30.**Seal:** Mechanical, Oil-Lubricated. Silicon Carbide Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat, Cage and Spring. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Maximum Temperature of Liquid Pumped 160°F (71°C).\***Shaft Sleeve:** Stainless Steel 17-4 PH.**Priming Chamber:** Gray Iron 30 Housing w/Stainless Steel Float and Linkage.**Discharge Check Valve:** Ductile Iron Housing w/Buna-N Flapper.**Radial and Thrust Bearings:** Open Double Ball.**Bearing and Seal Cavity Lubrication:** SAE 30 Non-Detergent Oil.**Flange:** Gray Iron 30.**O-Rings:** Buna-N.**Gaskets:** Resistant Synthetic Rubber, Cork, PTFE, Vegetable Fiber, and Compressed Synthetic Fibers.**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:** Gear-Driven Air Compressor. Hoisting Bail. Combination Skid Base w/Fuel Tank. Strainer. [Single Ball Type Float Switch](#).\*\**\*\*50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.***Optional Equipment:** Batteries (2 Req'd). Heated Priming Chamber Kit. Suction and Discharge NPT Threaded Flange Kits. High Speed (55 MPH/89 KM/H) Single Axle Pneumatic-Tired Wheel Kit<sup>w/vo</sup> DOT Approved Lights and Electric Brakes. [Tandem Axle Over-the-Road Trailer](#). [Full Feature Control Panel](#) For Use w/Submersible Transducer Liquid Level Sensor (50 Ft. [15 M] Cable Standard, Alternate Lengths Available).**ENGINE SPECIFICATIONS****Model:** Cummins QSB4.5.**EPA Tier:** Tier 3.**Type:** Four Cylinder, Four Cycle, Turbocharged, Charge Air Cooled, Enclosed, Liquid Cooled Diesel Engine.**Displacement:** 272 Cu. In. (4,5 Liters).**Lubrication:** Forced Circulation.**Air Cleaner:** Dry Type.**Fuel Tank:** 88 U.S. Gals. (330 Liters).**Full Load Operating Time:** 19.0 Hrs.**Starter:** 12V Electric.**Standard Features:** Muffler w/Weather Cap.**Optional:** Electronic Fuel Level Sensor.**Engine Control Features:** Padlockable Box with Throttle Control, Tachometer, Coolant Temperature, Oil Pressure, Voltage and Overstart Indicators/Shutdowns. Manual/Stop/Auto Key-switch. Audible Startup Warning Delay. Fuel Level Display/Alarm/Shutdown (For Use With Optional Fuel Level Sensor).**CUMMINS PUBLISHED PERFORMANCE:**Maximum Gross Continuous BHP  
110 (82 kW) @ 2200 RPM

GORMAN-RUPP PUMPS

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Specifications Subject to Change Without Notice

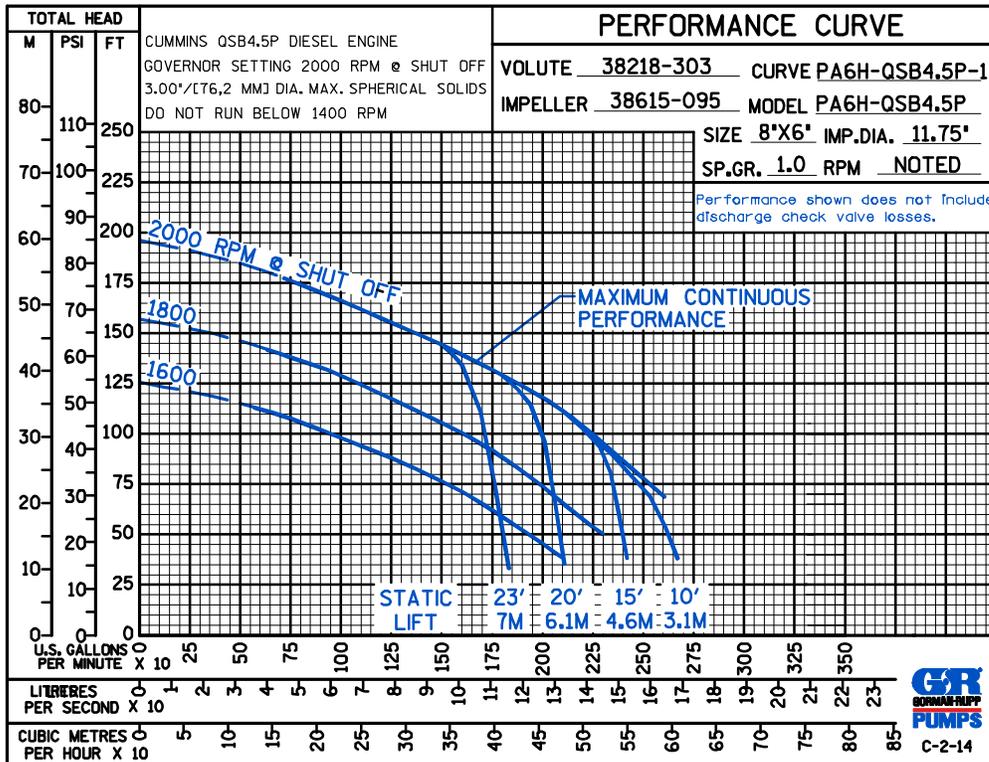
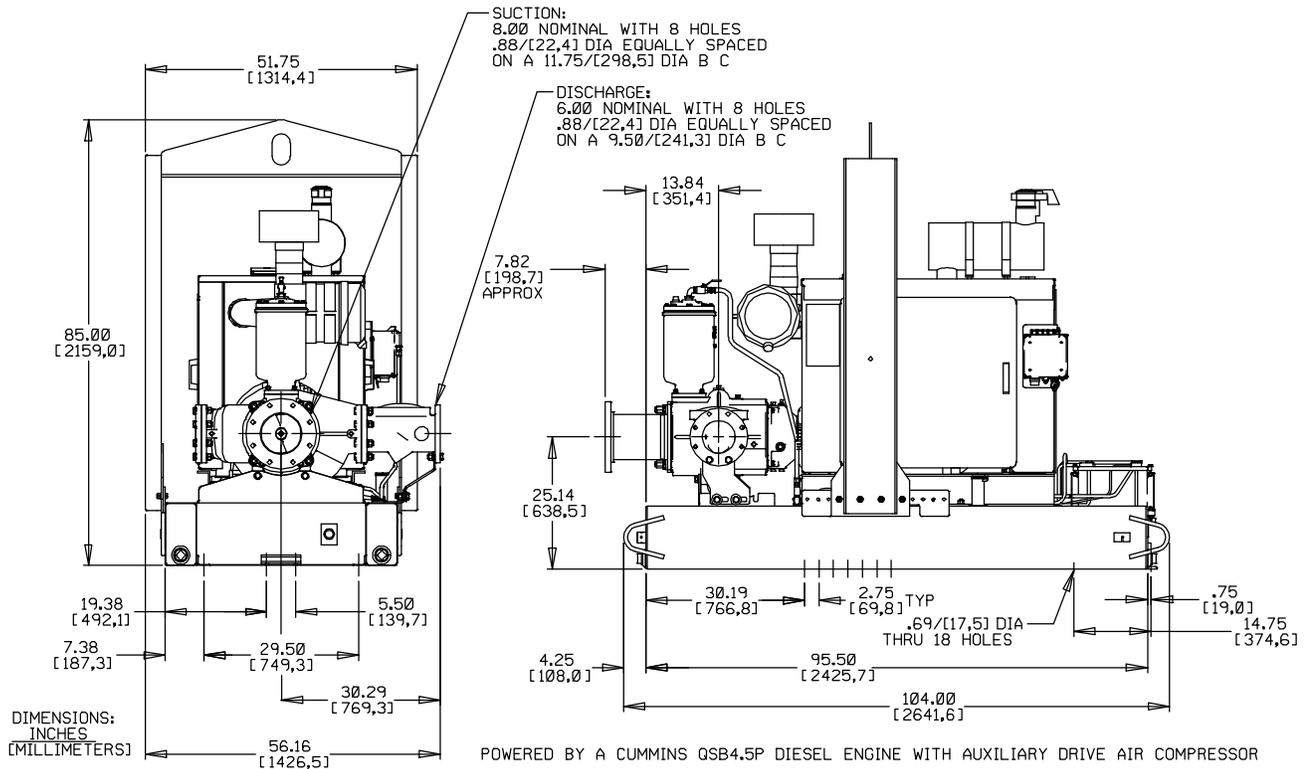
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# Specification Data

APPROXIMATE  
DIMENSIONS and WEIGHTS

**NET WEIGHT:** 3850 LBS. (1746 KG.)  
**SHIPPING WEIGHT:** 4250 LBS. (1928 KG.)  
**EXPORT CRATE SIZE:** 360 CU. FT. (10.2 CU. M.)

SECTION 42, PAGE 1134



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