

Priming Assisted Centrifugal Pump w/Autostart



Model PA10A60-QSB4.5P

Size 10" x 10"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance				
P.S.I.	Feet					
60.7	140	780	780	780	780	780
52.0	120	1590	1840	1920	1920	1920
43.4	100	1840	2400	2820	3020	3020
34.7	80	1920	2520	3020	3500	3620
26.0	60	2020	2580	3100	3630	3820
17.3	40	2100	2640	3180	3720	3920
8.7	20	2180	2700	3260	3820	4030
Suction Lift		24'	20'	15'	10'	5'

PUMP SPECIFICATIONS

Size: 10" x 10" (254 mm x 254 mm) Flanged.
Casing: Gray Iron 30.
 Maximum Operating Pressure 98 psi (676 kPa).*
Semi-Open Type, Two Vane Impeller: Ductile Iron 65-45-12.
 Handles 3.25" (82,6 mm) Diameter Spherical Solids.
Impeller Shaft: Stainless Steel 17-4 PH.
Externally Adjustable Front Wear Ring: Ductile Iron 80-60-03.
Intermediate: Gray Iron 30.
Seal Plate: Gray Iron 30.
Seal: 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 Double Ball.
Thrust Bearing: Open Single Ball.
Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.
Flanges: Gray Iron 30.
Suction Head: Gray Iron 30.
Gaskets: Resistant Synthetic Rubber, PTFE, Cork, Vegetable Fiber, and Compressed Synthetic Fibers.
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: Gear-Driven Air Compressor. Hoisting Bail. Combination Skid Base w/Fuel Tank. Strainer. Single Ball Type Float Switch. **
Optional Equipment: Batteries (2 Req'd). G-R Hard Iron Impeller. NPT Threaded Flanges. High Speed (55 MPH/89 KM/H) Tandem Axle Pneumatic-Tired Wheel Kit w/wo DOT-Approved Lights and Electric Brakes. Over-the-Road Trailer (Meets D.O.T. and Transport Canada Requirements) Available w/Either Electric or Hydraulic Surge Brakes, Running Lights, Trailer Jack Stands and Safety Chains/Cables. Suction Vacuum and Discharge Pressure Gauge Kit. [Full Feature Control Panel](#) For Use w/Submersible Transducer Liquid Level Sensor (50 Ft. [15 M] Cable Standard, Alternate Lengths Available).
***50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.*



WARNING!
 Do not use in explosive atmosphere or for pumping volatile flammable liquids.

ENGINE SPECIFICATIONS

Model: Cummins QSB4.5.
EPA Tier: Tier 3.
Type: Four Cylinder, Four Cycle, Turbocharged, Charge Air Cooled, Liquid Cooled Diesel Engine.
Displacement: 272 Cu. In. (4,5 liters).
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Fuel Tank: 110 U.S. Gals. (416 liters).
Full Load Operating Time: 18.5 Hrs.
Starter: 12V Electric.
Standard Features: Engine Enclosure.
Optional Features: 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 Keyswitch. Audible Startup Warning Delay. Fuel Level Display/Alarm/Shutdown (For Use With Optional Fuel Level Sensor).

CUMMINS PUBLISHED PERFORMANCE:
 Maximum Gross Continuous BHP
 130 (97 kW) @ 2200 RPM



GORMAN-RUPP PUMPS

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Specifications Subject to Change Without Notice

Printed in U.S.A.

Specification Data

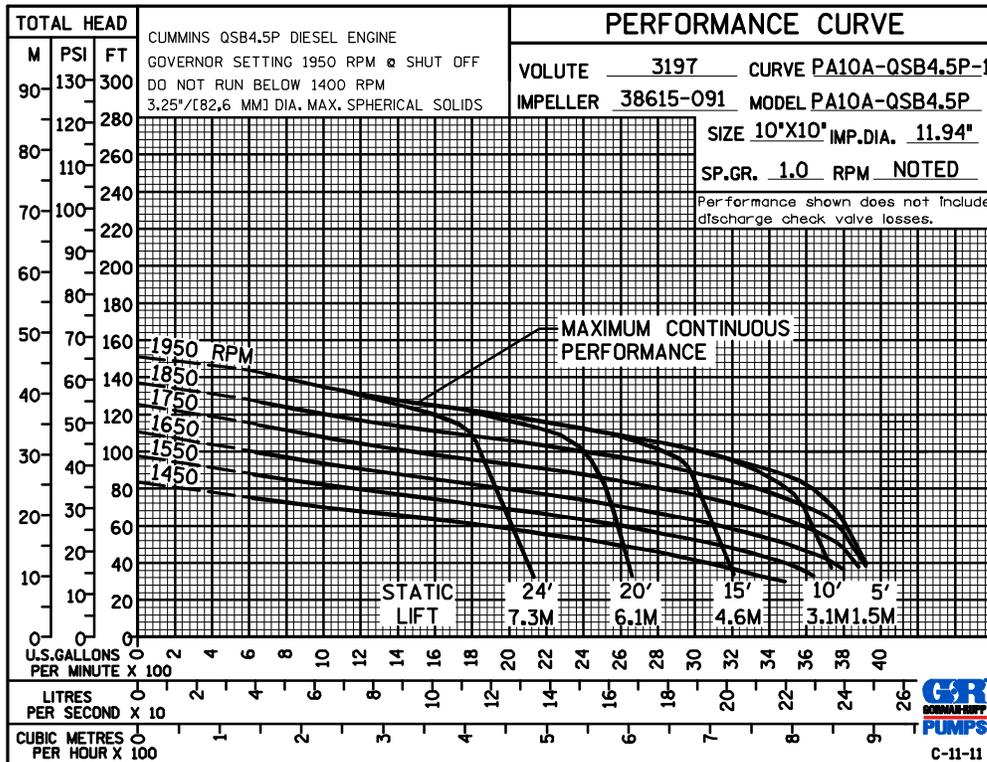
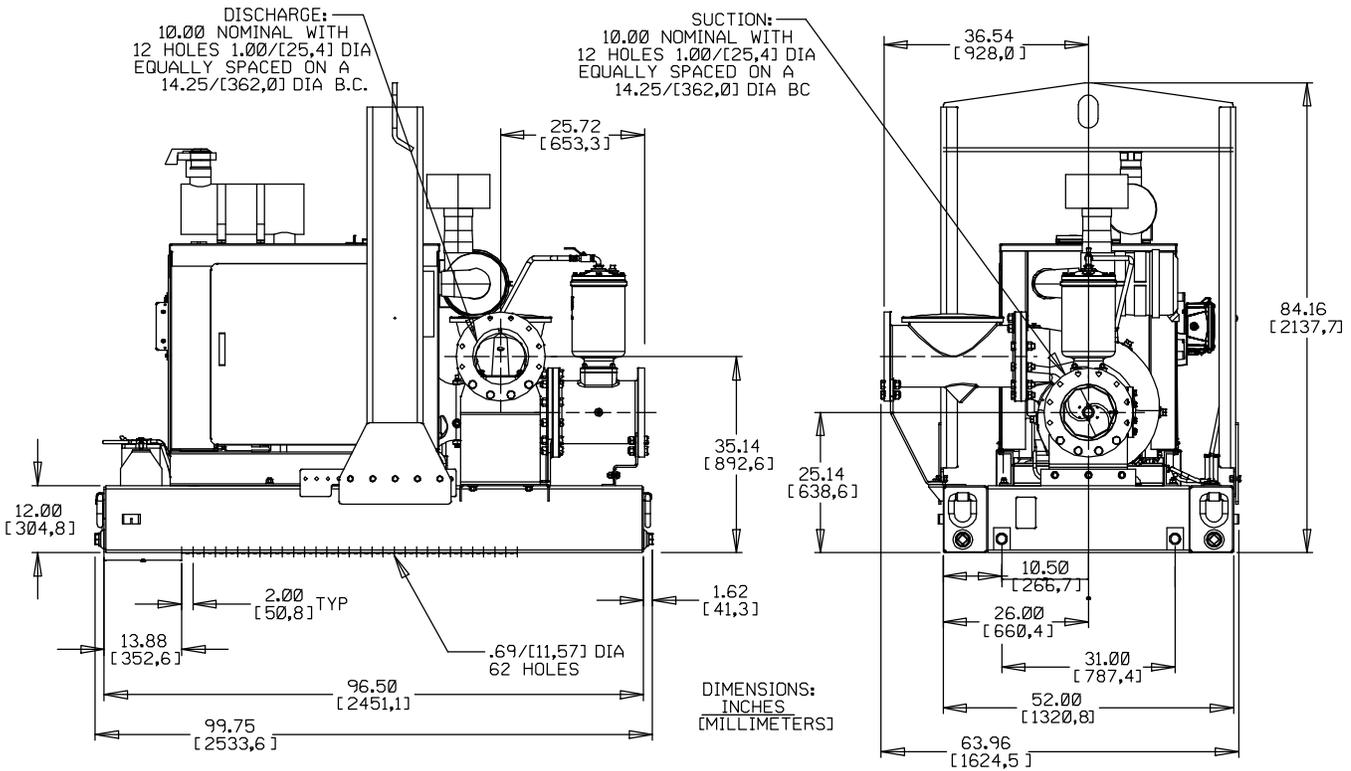
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APPROXIMATE
DIMENSIONS and
WEIGHTS

NET WEIGHT:
SHIPPING WEIGHT:
EXPORT CRATE SIZE:

SKID BASE
4350 LBS. (1973 KG.)
4550 LBS. (2063 KG.)
340 CU. FT. (9,6 CU. M.)

4-WHEEL
4975 LBS. (2257 KG.)
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560 CU. FT. (24,3 CU. M.)



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