

Diesel Engine Driven



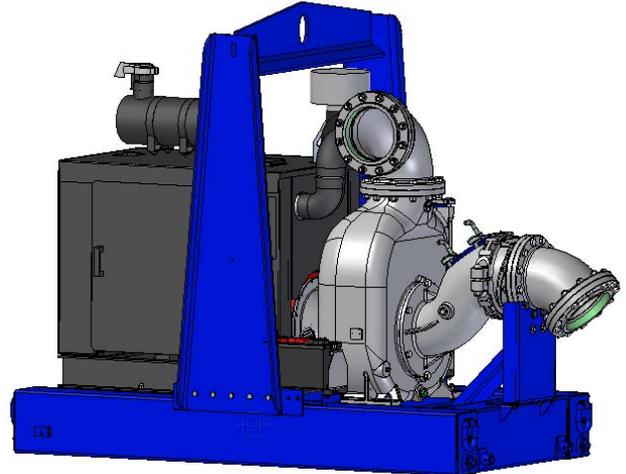
# Self Priming Centrifugal Pump w/Autostart

## Model T10A60S-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				
66.8	154	790	790	790	790
60.7	140	1450	1450	1450	1450
52.0	120	1800	2325	2550	2550
43.4	100	1870	2420	2880	3200
34.7	80	1930	2500	2900	3325
26.0	60	1950	2575	3025	3400
17.3	40	2050	2650	3100	3450
<b>Suction Lift</b>		<b>25'</b>	<b>20'</b>	<b>15'</b>	<b>10'</b>



**PUMP SPECIFICATIONS**

**Size:** 10" x 10" (254 mm x 254 mm) NPT.  
**Casing:** Gray Iron 30.  
 Maximum Operating Pressure 114 psi (786 kPa).  
**Semi-Open Type, Two Vane Impeller:** Ductile Iron 65-45-12.  
 Handles 3" (76.2 mm) Diameter Spherical Solids.  
**Impeller Shaft:** Stainless Steel 17-4 PH.  
**Replaceable Front Wear Plate:** Ductile Iron 80-55-06.  
**Replaceable Rear Wear Plate:** Carbon Steel ASTM A36.  
**Removable Clean-Out Cover Plate:** Gray Iron 30; 9 lbs. (4 kg).  
**Flap Valve:** Neoprene w/Steel Reinforcing.  
**Seal Plate:** Gray Iron 30.  
**Shaft Sleeve:** Alloy Steel 4130.  
**Seal:** Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating and Stationary Faces. Fluorocarbon Elastomers (DuPont Viton® or Equivalent) Stainless Steel 316 Stationary Seat, Cage and Spring Maximum Temperature of Liquid Pumped 160°F (71°C).  
**Bearing Housing:** Gray Iron 30.  
**Radial/Thrust Bearings:** Open Double Ball.  
**Bearing and Seal Cavity Lubrication:** SAE 30 Non-Detergent Oil.  
**Flanges:** Gray Iron 30.  
**Suction Head:** Gray Iron 30.  
**Gaskets:** Buna-N, PTFE, Cork, and Rubber.  
**O-Rings:** Buna-N.  
**Hardware:** Standard Plated Steel.  
**Brass Pressure Relief Valve.**  
**Bearing and Seal Cavity Oil Level Sight Gauges.**  
*\*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*  
**Standard Equipment:** Hoisting Bail. 90° Discharge Elbow. Strainer Combination Skid Base w/Fuel Tank. Single Ball Type Float Switch. \*\*  
**Optional Equipment:** Battery. G-R Hard Iron Impeller, Seal Plate and Wear Plate. High Speed (55 MPH/89 KM/H) Single Axle Pneumatic-Tired Wheel Kit w/wo DOT-Approved Lights and Electric Brakes. Tandem Axle Over-the-Road Trailer (Meets DOT Requirements) Available w/Either Electric or Hydraulic Surge Brakes, Running Lights, Jack Stands and Safety Cables/Chains. Full Feature Control Panel For Use w/Submersible Transducer Liquid Level Sensor.\*\*  
**\*\*50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.**



**ENGINE SPECIFICATIONS**

**Model:** Cummins QSB4.5  
**EPA Tier:** Interim 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:** 98 U.S. Gals. (371 Liters).  
**Full Load Operating Time:** 16.5 Hrs.  
**Starter:** 12V Electric.  
**Standard Features:** Muffler w/Weather Cap.  
**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 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  
130 (97 kW) @ 2200 RPM



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

# Specification Data

SECTION 45, PAGE 1699

APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT:  
SHIPPING WEIGHT:  
EXPORT CRATE SIZE:

SKID BASE

2-WHEEL

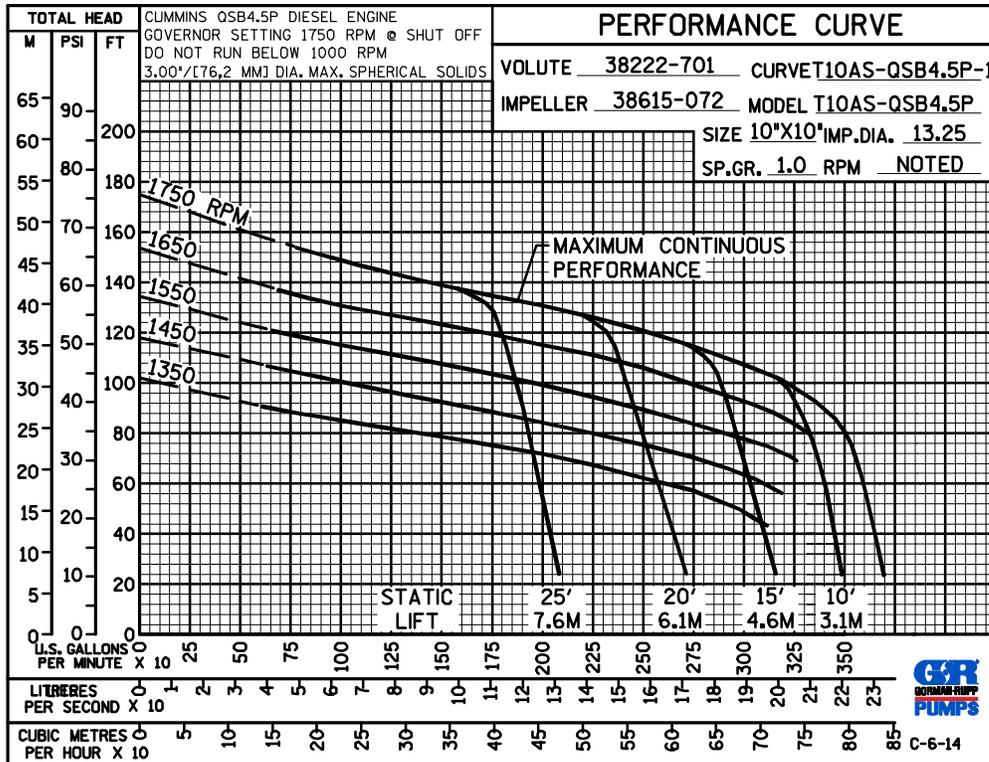
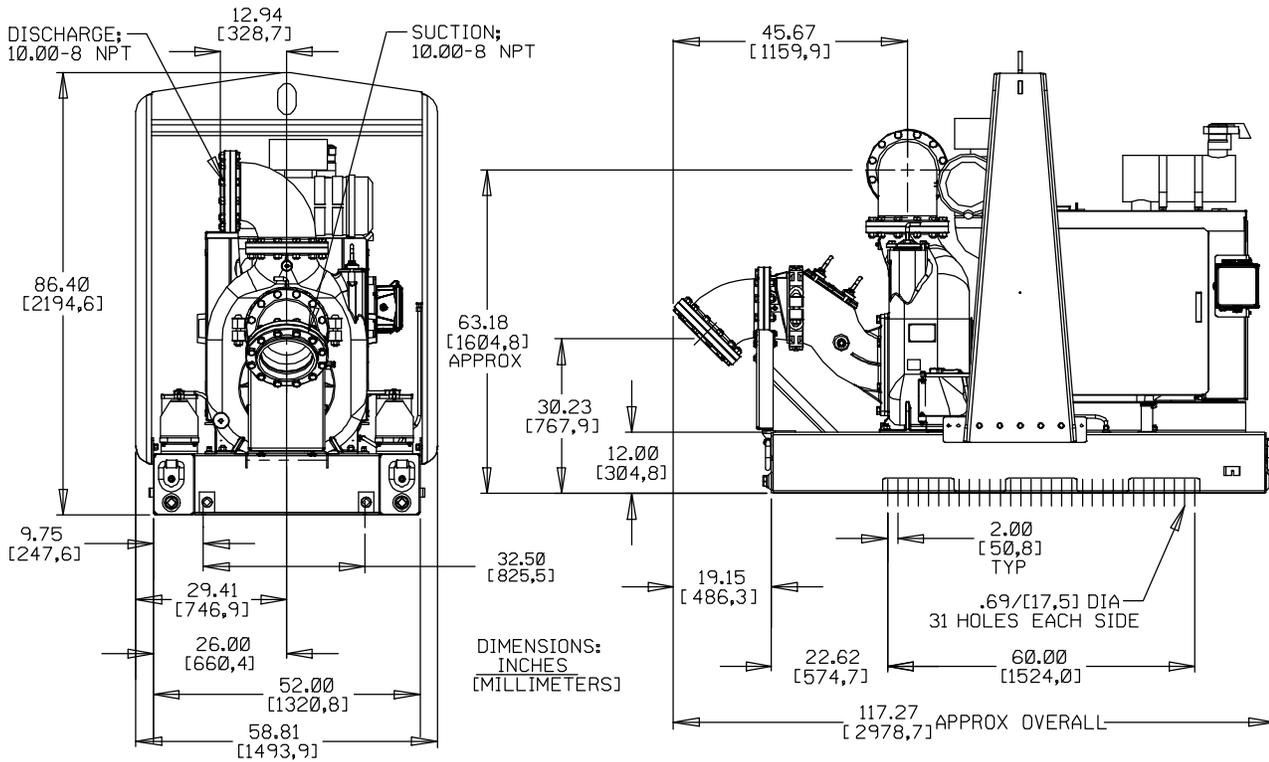
5650 LBS. (2109 KG.)

6085 LBS. (2271 KG.)

5900 LBS. (2202 KG.)

6085 LBS. (2271 KG.)

369 CU. FT. (10,5 CU. M.)



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.