



VARIOUS PATENTS APPLY

# Self Priming Centrifugal Pump w/Autostart

## Model V4A60-QSF2.8P FT4

### Size 6" x 4"

CERTIFIED  
PERFORMANCEThe manufacturer of this pump certifies that  
it meets the standards of the Contractors Pump Bureau.

35 MT

Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
64.2	148	360	360	360	360
60.7	140	420	540	540	540
52.0	120	495	720	849	920
43.4	100	520	749	925	1060
34.7	80	525	759	940	1080
26.0	60	537	760	941	1090
17.3	40	540	763	942	1092
<b>Suction Lift</b>		<b>25'</b>	<b>20'</b>	<b>15'</b>	<b>10'</b>

Photo not available at time of publishing

#### PUMP SPECIFICATIONS

**Size:** 6" (152 mm) NPT Suction x 4" (102 mm) Flanged Discharge.  
**Casing:** Gray Iron 30. Maximum Operating Pressure 109 psi (752 kPa).\*  
**Semi-Open Type, Two Vane Impeller:** Ductile Iron 65-45-12.  
 Handles 3" (76.2 mm) Diameter Spherical Solids.  
**Impeller Shaft:** Stainless Steel 17-4PH.  
**Self-Cleaning Replaceable Wear Plate:** Carbon Steel ASTM A36.  
**Shimless Adjustable Back Cover Plate:** Gray Iron 30.  
**Removable Inspection Cover Plate:** Gray Iron 30; 12 lbs. (5.4 kg.).  
**Externally Removable Flap Valve:** Neoprene w/Nylon and Steel Reinforcing.  
**Suction Flange/Flap Valve Seat:** Gray Iron 30.  
**Bearing Housing:** Gray Iron 30.  
**Seal Plate:** Gray Iron 30.  
**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).\*  
**Shaft Sleeve:** Stainless Steel 17-4PH.  
**Radial and Thrust Bearings:** Open Single Row Ball.  
**Bearing and Seal Cavity Lubrication:** SAE 30 Non-Detergent Oil.  
**Gaskets:** Buna-N, Compressed Synthetic Fibers, Vegetable Fiber, PTFE, Cork, and Rubber.  
**O-Rings:** Buna-N.  
**Hardware:** Standard Plated Steel.  
**Brass Pressure Relief Valve.**  
**Bearing and Seal Cavity Oil Level Sight Gauges.**

**Standard Equipment:** 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:** Gray Iron Flange Kits:  
 4" 125# Female NPT Discharge Flange Kit.  
 6" and 4" ASA Suction/Discharge Spool Flange Kits.  
 150 mm and 100 mm PN 16 Suction/Discharge Spool Flange Kits.  
 Stainless Steel/G-R Hard Iron Impeller, Seal Plate and Wear Plate.  
 Battery. High Speed (55 MPH/89 KM/H) Single Axle Pneumatic-Tired Wheel Kit w/w 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).

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



#### ENGINE SPECIFICATIONS

**Model:** Cummins QSF2.8.  
**EPA Tier:** Final Tier 4.  
**Type:** Four Cylinder, Four Cycle, Turbocharged, Charge Air Cooled, Liquid Cooled Diesel Engine.  
**Displacement:** 173 Cu. In. (2.8 Liters).  
**Lubrication:** Forced Circulation.  
**Air Cleaner:** Dry Type.  
**Fuel Tank:** 61 U.S. Gals. (231 Liters).  
**Full Load Operating Time:** 34.6 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/Shut-downs. Manual/Stop/Auto Keyswitch. Audible Startup Warning Delay. Fuel Level Display/Alarm/Shut-down (For Use With Optional Fuel Level Sensor).

#### CUMMINS PUBLISHED PERFORMANCE:

Maximum Gross Continuous BHP  
74 (55 kW) @ 2500 RPM



GORMAN-RUPP PUMPS

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Specifications Subject to Change Without Notice

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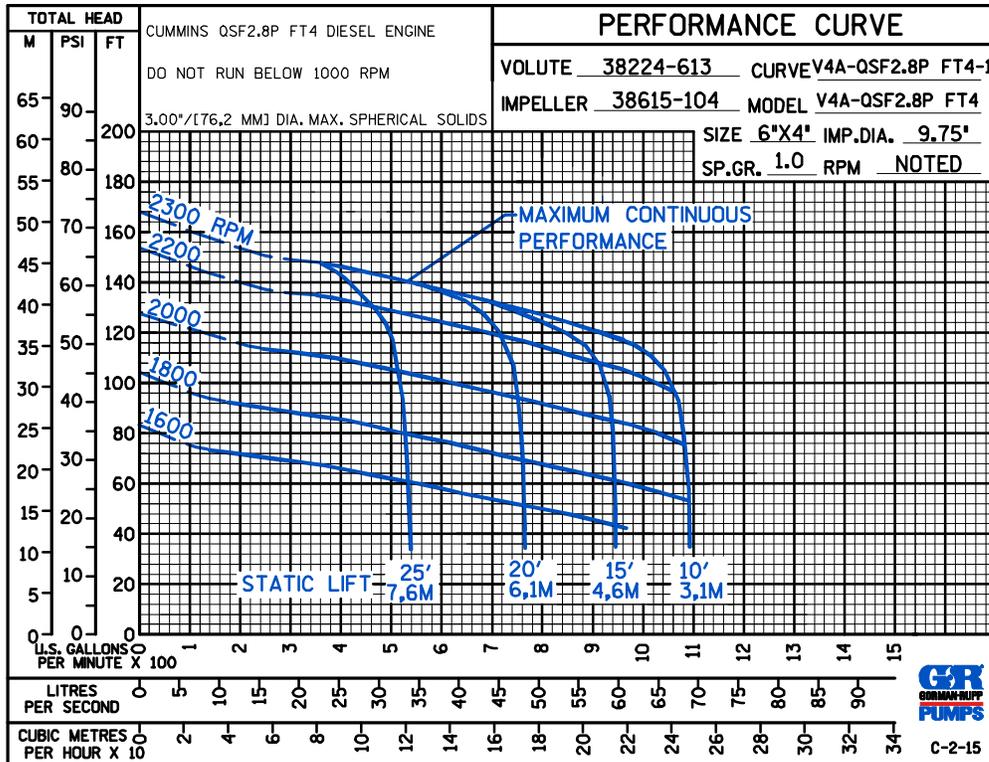
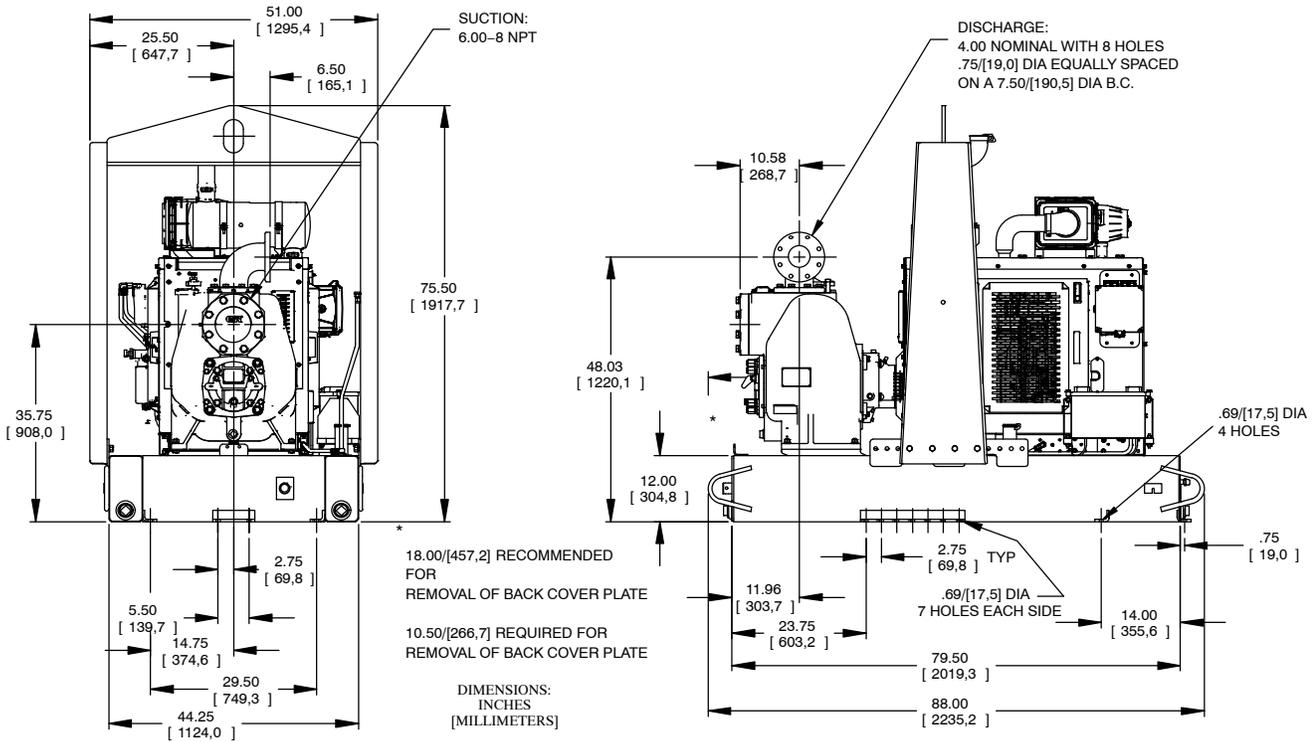
**Specification Data**

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APPROXIMATE DIMENSIONS and WEIGHTS

**SKID BASE**  
**NET WEIGHT:** 3003 LBS. (1362 KG.)  
**SHIPPING WEIGHT:** 3303 LBS. (1498 KG.)  
**EXPORT CRATE SIZE:** 252.7 CU. FT. (7,2 CU. M.)

**2-WHEEL**  
**3399 LBS. (1541 KG.)**  
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