

ACDEU

Priming Assisted Centrifugal Pump w/Autostart



Model PAH4B60-QSB4.5P Size 6" x 4"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
101.9	235	400	400	400	N/A
97.5	225	640	640	640	N/A
86.7	200	920	1040	1040	N/A
75.9	175	960	1235	1420	760
65.0	150	960	1245	1550	1220
54.2	125	960	1247	1570	1580
43.4	100	960	1265	1570	1770
32.5	75	960	1265	1575	1830
21.7	50	960	1270	1580	1840
10.8	25	960	1280	1580	1845
Suction Lift		25'	20'	15'	±10'

‡Suction Lift Based On 1800 RPM Engine Speed.

PUMP SPECIFICATIONS

Size: 6" x 4" (152 mm x 102 mm) Flanged.

Casing: Ductile Iron 65-45-12.

Maximum Operating Pressure 159 psi (1096 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.

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: Strainer. Gear-Driven Air Compressor. Hoisting Bail. Combination Skid Base w/Fuel Tank. Single Ball Type Float Switch.**

Optional Equipment: Batteries (2 Req'd). NPT Threaded Flange Kit. Heated Priming Chamber Kit. Suction Vacuum and Discharge Pressure Gauge Kit. High Speed (55 MPH/89 KM/H) Single Axle Pneumatic-Tired Wheel Kit w/w/o 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 Chains/Cables. EPS w/Submersible Transducer Liquid Level Sensor (50 Ft. [15M] 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 QSB4.5P.

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

Displacement: 272 Cu. In. (4,5 liters).

Governor: Isochronous.

Lubrication: Forced Circulation.

Air Cleaner: Dry Type.

Oil Reservoir: 13.7 U.S. Qts. (13 liters) Dry; 11.6 U.S. Qts. (10 liters) Refill.

Fuel Tank: 88 U.S. Gals. (330 liters).

Full Load Operating Time: 14.6 Hrs.

Starter: 12V Electric.

Standard Features: Engine Enclosure. Low Oil Pressure and High Coolant Temperature Safety Shut Down Switches/Indicators. Autostart Instrument Panel Includes: Tachometer, Voltmeter, Hourmeter, Coolant Temperature Gauge, Oil Pressure Gauge, Manual/Stop/Auto Key Switch, 10 Amp Fuse for Overload Protection, Audible Startup Warning Delay, Muffler and Weather Cap. Pushbutton Throttle Control.

CUMMINS PUBLISHED PERFORMANCE:

Maximum Gross Continuous BHP
110 (82 kW) @ 2200 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA

www.grpumps.com

Specifications Subject to Change Without Notice

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