

ACDEU



Priming Assisted Centrifugal Pump

Model PA12A60-B-E125 3P

Size 12" x 12"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
38.1	88	2100	2100	2100	2100
34.7	80	2800	3420	3500	3500
30.3	70	3050	4150	4500	4500
26.0	60	3130	4300	5030	5350
21.7	50	3200	4350	5150	5720
17.4	40	3250	4400	5200	5820
13.0	30	3300	4450	5225	5860
Suction Lift		25'	20'	15'	10'



PUMP SPECIFICATIONS

Size: 12" x 12" (305 mm x 305 mm) Flanged.

Casing: Gray Iron 30. Maximum Operating Pressure 57 psi (393 kPa).*

Enclosed Type, Three Vane Impeller: Ductile Iron 60-40-18.

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

Suction Spool: Gray Iron 30.

Impeller Shaft: Stainless Steel 17-4 PH.

Replaceable Wear Rings: Impeller - Ductile Iron 80-60-03.
Suction Head - Copper Alloy C83600.

Seal Plate: Gray Iron 30.

Pedestal: Gray Iron 30.

Seal: Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat. Buna-N and Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring.
Maximum Temperature of Liquid Pumped 160°F (71°C).*

Shaft Sleeve: Stainless Steel 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: Single Row Roller.

Thrust Bearing: Two Open Single Row Ball.

Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.

Gaskets: Resistant Synthetic Rubber and 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: Hoisting Bail. Belt-Driven Air Compressor. Skid Base. Strainer.

Optional Equipment: Suction Vacuum and Discharge Pressure Gauge Kit. Variable Frequency Controller. High Speed (55 MPH/89 KM/H) Tandem 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 Cables. EPS w/Submersible Transducer Liquid Level Sensor (50 Ft. [15 M] Cable Standard, Alternate Lengths Available). Single and Double Float System (50 Ft. [15 M] Cable Standard, Alternate Lengths Available).



MOTOR SPECIFICATIONS ‡

Type: Totally Enclosed Fan Cooled.

Frame Size: 445TS.

Power: 125 H.P. (93 kW).

Voltage/Phase: 460/3.

Hz: 60.

S.F. 1.15.

Speed: 1200 RPM Nominal.

Full Load Amps: 155.

Locked Rotor kVA Code: G.

Bearings: Ball Type.

CONTROL SPECIFICATIONS

NEMA Type 3R Intrinsically Safe Rain and Sleet (Ice) Resistant Enclosure. Carbon Steel with Powder Coat. Hand Off/ Auto Switch Control with Across-The-Line Starter. 3 Pole Instantaneous Trip 250 Amp Circuit Breaker Type HMCP.

‡ Standard Specifications Shown. Alternate Motors Available - Consult Factory.



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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Specifications Subject to Change Without Notice

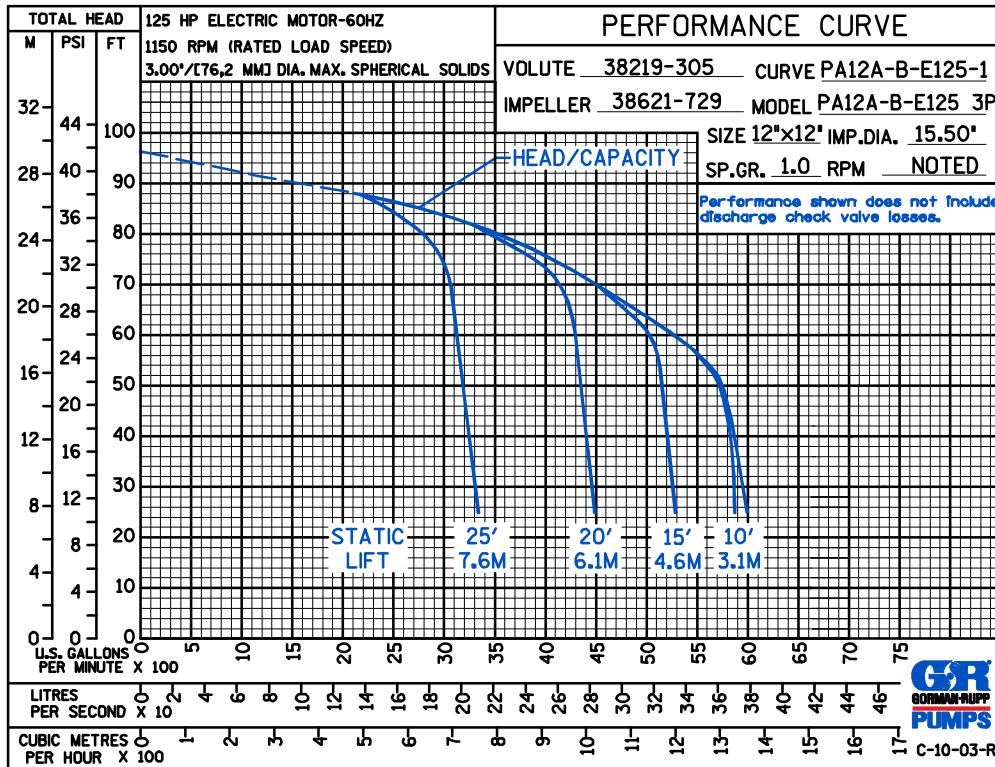
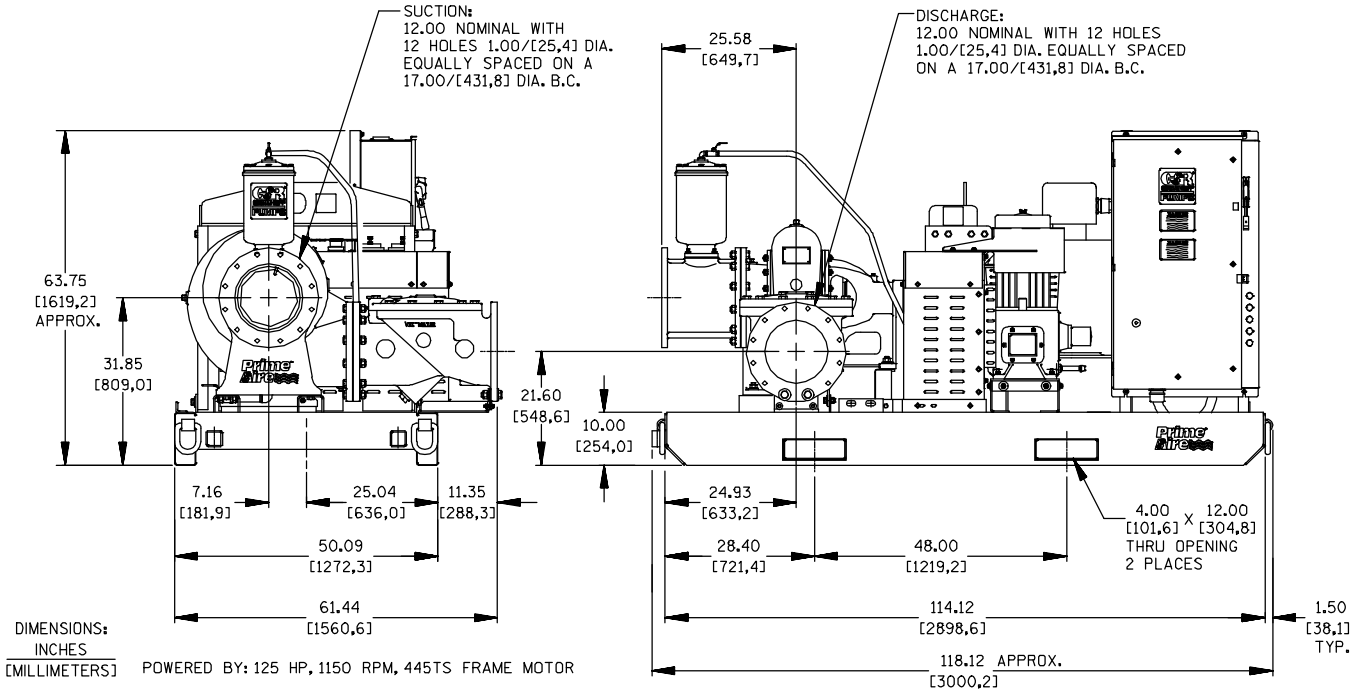
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Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

	SKID BASE	TANDEM WHEEL
NET WEIGHT:	6515 LBS. (2955 KG.)	7590 LBS. (3443 KG.)
SHIPPING WEIGHT:	6865 LBS. (2978 KG.)	7590 LBS. (3443 KG.)
EXPORT CRATE SIZE:	312 CU. FT. (8,8 CU. M.)	



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