



Priming Assisted Centrifugal Pump

Model PA6D60C-B-E50 460/3

Size 6" x 6"



PUMP SPECIFICATIONS

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

Casing: Gray Iron 30. Maximum Operating Pressure 80 psi (552 kPa).*

Enclosed Type, Two Vane Impeller: Ductile Iron 65-45-12. Handles 3" (76,2 mm) Diameter Spherical Solids.

Impeller Shaft: Stainless Steel No. 17-4 PH.

Replaceable Wear Plate: Carbon Steel C1015.

Suction Spool: Gray Iron 30.

Drive Flange: Ductile Iron 65-45-12.

Seal Plate: Gray Iron 30.

Seal: Mechanical, Oil-Lubricated. 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: Stainless Steel 17-4 PH.

Priming Chamber: Gray Iron 30.

Discharge Check Valve: Gray Iron 30 Housing w/Buna-N Flapper.

Radial Bearing: Open Roller.

Thrust Bearing: Open Double Ball.

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

Flanges: Gray Iron 30.

Gaskets: Resistant Synthetic Rubber, Vegetable Fiber and Buna-N.

O-Rings: Buna-N.

Hardware: Standard Plated Steel.

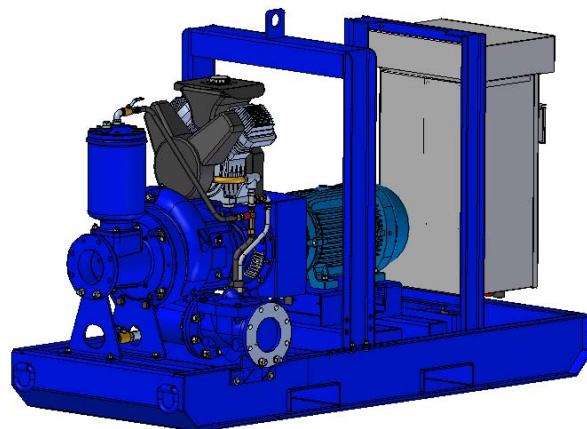
Bearing and Seal Cavity Oil Level Sight Gauges.

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

Standard Equipment: Hoisting Bail. Belt Driven Air Compressor. Skid Base. Strainer. VFD Control Box. [Single Ball Type Float Switch](#). **

Optional Equipment: NPT Suction/Discharge Flanges.

***50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.*



MOTOR SPECIFICATIONS

Type: Premium Efficient (EISA) Totally Enclosed Fan Cooled.

Frame Size: 326T.

Power: 50 H.P. (37,3 kW).

Voltage/Phase: 208–230/460.

Phase: 3.

Hz: 60.

S.F. 1.25.

Speed: 1800 RPM Nominal.

Full Load Amps: 59.2 @ 460V.

Locked Rotor Amps: 367.

Bearings: Ball Type.

CONTROL SPECIFICATIONS

NEMA Type 3R Intrinsically Safe Rain and Sleet (Ice) Resistant Enclosure. Carbon Steel with ANSI 61 Powder Coat. Manual ON/OFF/AUTO Control. 3 Pole Instantaneous Trip 100 Amp Circuit Breaker Type HMCP. 120V Control Transformer, Run Light, Enclosure Space Heater w/Thermostat.



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Specifications Subject to Change Without Notice

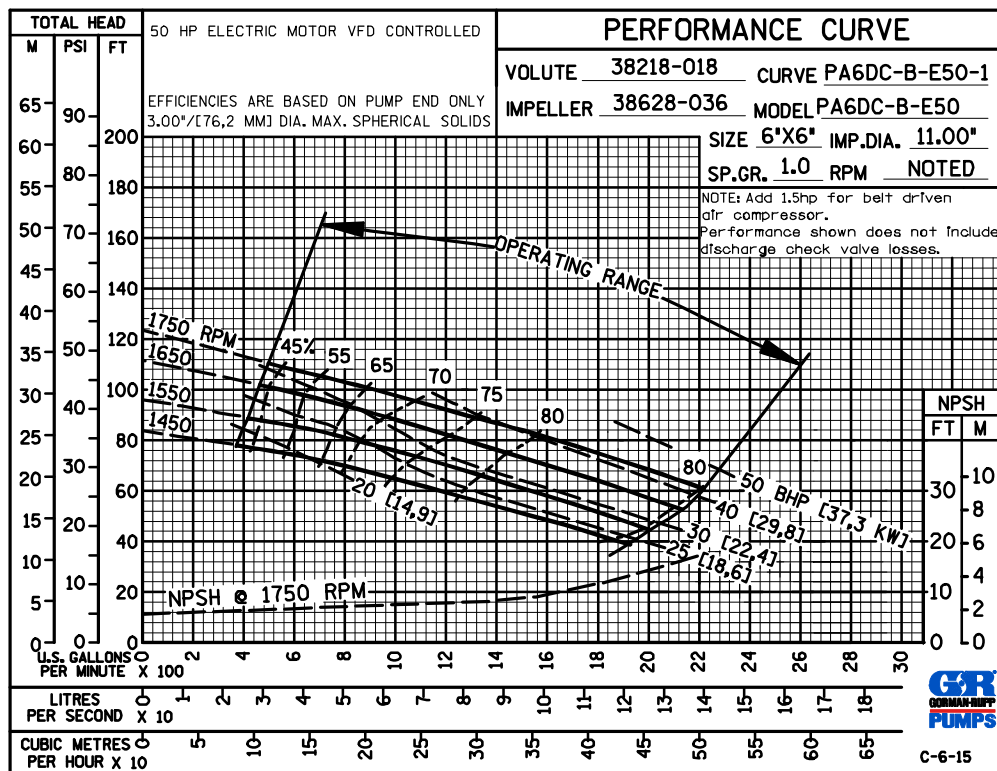
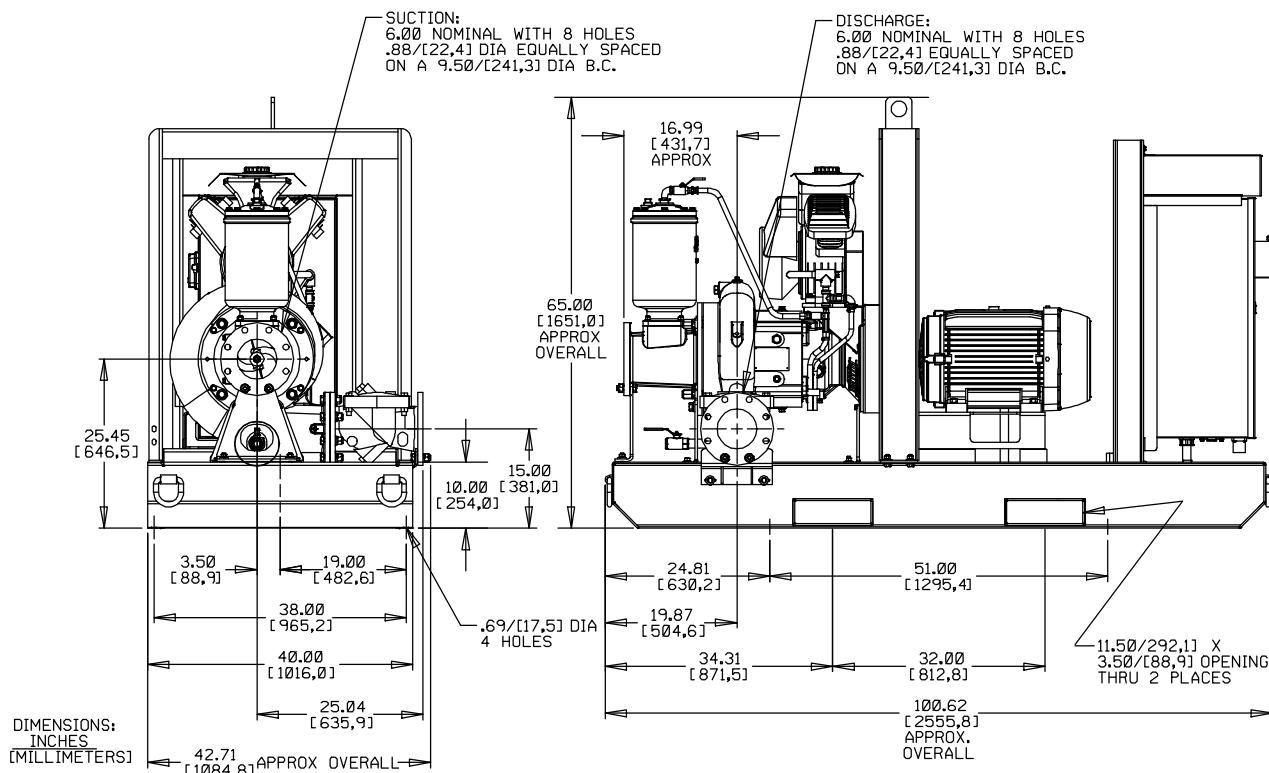
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Specification Data

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APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 2650 LBS. (1202 KG.)
SHIPPING WEIGHT: 2950 LBS. (1338,1 KG.)
EXPORT CRATE SIZE: 198 CU. FT. (5,6 CU. M.)



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