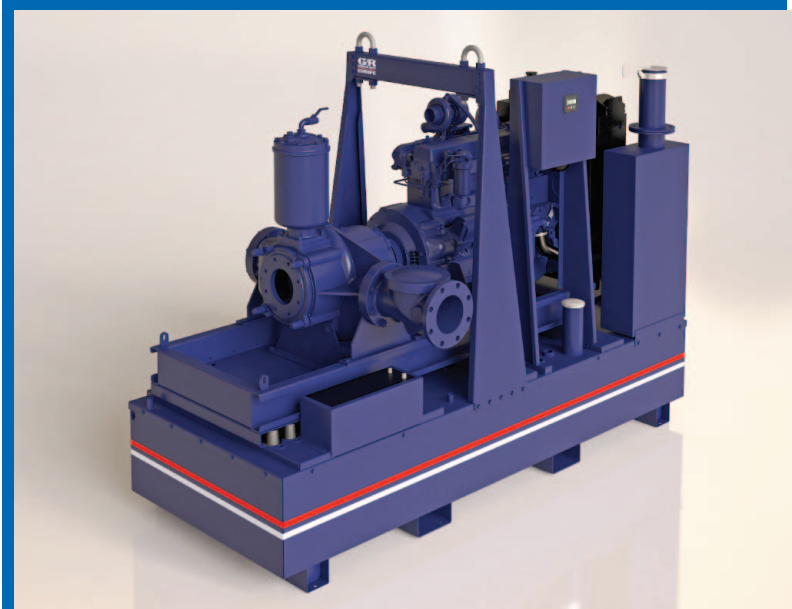


MODEL PA6C-EDP

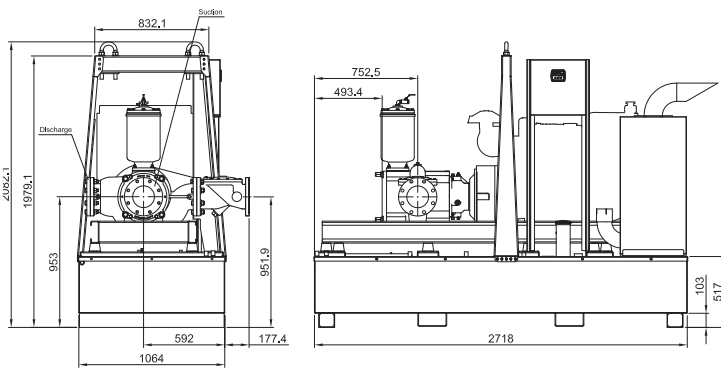
PRIMING ASSISTED



PUMP SPECIFICATIONS

- Size:** 150 mm x 150 mm DIN 2527 (PN16) Flanged.
- Casing:** Ductile Iron 65-45-12. Maximum Operating Pressure 6,83 Bar.*
- Open Type, Two Vane Impeller:** Ductile Iron 65-45-12. Handles 76,2 mm Diameter Spherical Solids.
- Impeller Shaft:** Stainless Steel 17-4 PH.
- Replaceable Wear Plate:** Ductile Iron 80-60-03.
- Removable Cleanout Cover Plate:** Gray Iron 30.
- Intermediate Bracket:** Gray Iron 30.
- 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, 71°C.*
- Shaft Sleeve:** Stainless Steel 17-4 PH.
- Priming Chamber:** Gray Iron 30 Housing w/ Stainless Steel Float and Linkage.
- Discharge Check Valve:** Gray Iron 30 Housing w/ Buna-N Flapper.
- Radial/Thrust Bearings:** Open Double Ball.
- Bearing Lubrication:** SAE 30 Non-Detergent Oil.
- Gaskets:** Resistant Synthetic Rubber, Cork, PTFE, Vegetable Fiber, and Compressed Synthetic Fibers.
- O-Rings:** Buna-N.
- Hardware:** Standard Plated Steel. Bearing and Seal Cavity Oil Level Sight Gauges.
- Priming system:** Venturi

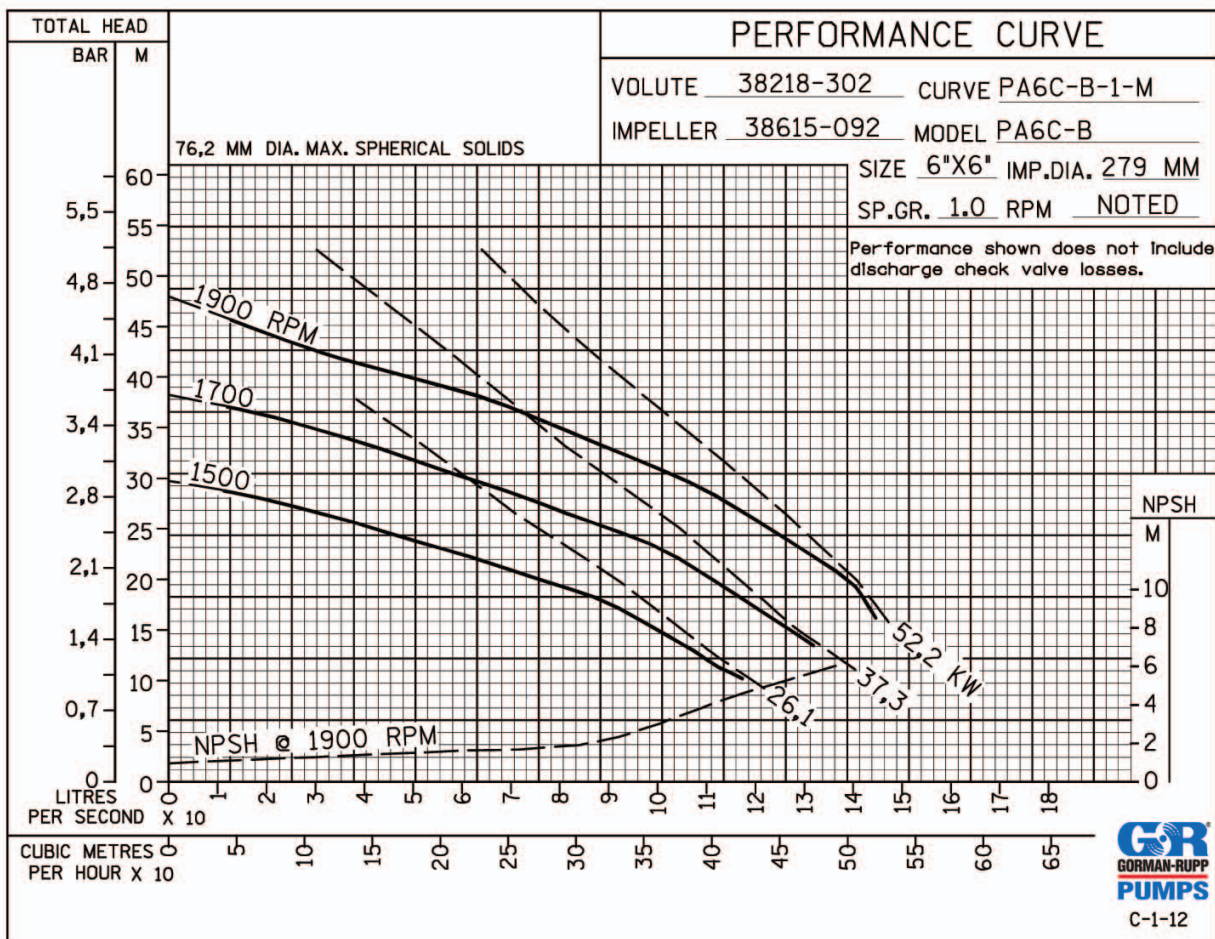
MODEL PA6C-EDP



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

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PERFORMANCE CURVE



ENGINE FEATURES

Pump will be driven by a reliable and durable 6 cylinder, four stroke, direct, radiator cooled diesel engine from a well-known engine manufacturer. The engine is designed and chosen for a performance which is in line with requirements of the specific Gorman-Rupp pump. This to maximise the output and engine lifetime whilst minimising fuel consumption. Maximum and minimum rpm are set in the engine controls again fine tuned to the engine-pump combination. Consult Gorman-Rupp about applicable engines.

FEATURES AND EQUIPMENT

- Heavy duty air cleaner
- Inlet and exhaust manifolds
- Fuel lift pump
- Injection pump(s)
- Fuel filter/agglomerator
- Gear-driven positive displacement type lubricating oil pump
- Spin-on lubricating oil filter
- Low oil pressure switch
- Thermostatically-controlled system with circulation pump and belt-driven pusher fan
- Mounted radiator with full guarding
- High engine temperature switch
- Low coolant level switch (not on all models)
- 12V Starter motor
- 12V Alternator
- 12V Stop solenoid
- Operators' handbook

A worldwide network comprising teams of specialists, strategically planned parts stores and all necessary technical facilities ensure comprehensive, competent and reliable service to all customers.

Standard Equipment

Single Point Lift. Manual/Auto start Engine Control Panel with Display for: Battery voltage, Engine speed, Hours counter and Alarms for low Oil Pressure and high Coolant Temperature. Float Switch (Liquid Level Controller). Throttle Control.

Features

- Fully integrated residential exhaust silencer
- High capacity fully banded fuel tank (min. 24 Hr capacity)
- Oil-water separator
- Steel wire braided fuel lines
- Mechanical fuel gauge
- Large fuel filler cap
- Spill containment and base with integral drains and forklift pockets
- Anti vibration mounts fitted between base and sub-frame
- Starting battery with leads and terminals
- Single point lifting facility
- "Basic" control panel providing advanced engine monitoring and protection features

Key benefits

- Manufactured from galvanized steel
- Central lifting facility
- Base frame extends beyond enclosure protecting against handling damage
- Minimal external fixings exposed to environment
- Compact design minimizes transportation costs
- 110% banded (fuel and engine fluids)
- Fully integrated exhaust system
- Prepared for easy fitting of accessories like spark arrestor, air release valve or non-return valve
- Standard DIN suction and discharge flanges
- Document holder for wiring diagrams and manuals

Options

- "Deluxe" control panel which monitors an extensive number of engine parameters and will display warnings, shutdown and engine status information on the backlit LCD screen, illuminated LEDs, remote PC and via SMS text alerts (with external modem).
- Hot dip galvanized base
- Spark arrestor
- Solar charger
- Galvanized Suction and discharge
- 3 Way Fuel Valve
- Anti-Snore Limit Switch
- Discharge Check Valve
- G-R Hard Iron or Stainless Steel Impeller and Wear Plate
- Pump Temperature shutdown kit
- Battery Isolator