

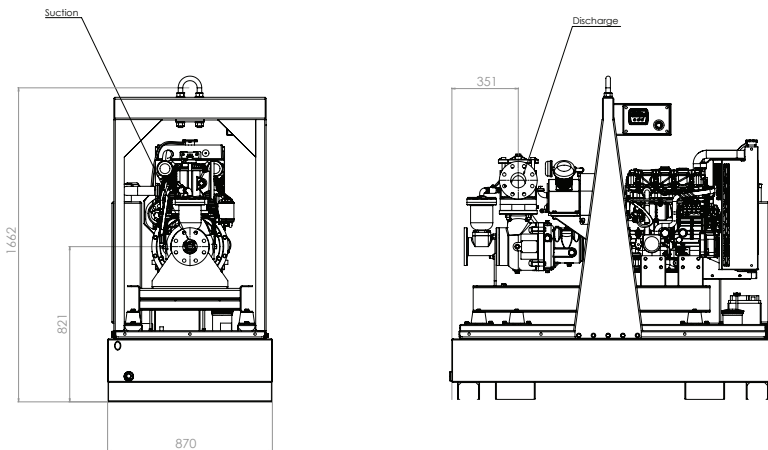
MODEL V3A-EDP



PUMP SPECIFICATIONS

- Size:** 100 mm x 80 mm DIN 2527 (PN16) Flanged.
- Casing:** Gray Iron 30.
Maximum Operating Pressure 6,48 Bar.*
- Semi-Open Type, Two Vane Impeller:** Ductile Iron 65-45-12. Handles 63,5 mm Diameter Spherical Solids.
- Impeller Shaft:** Alloy Steel 4150.
- Self-Cleaning Replaceable Wear Plate:** Carbon Steel 1015.
- Shimless Adjustable Cover Plate:** Gray Iron 30.
- Externally Removable Flap Valve:** Neoprene w/ Nylon and Steel Reinforcing.
- Suction Flange/Flap Valve Seat:** Gray Iron 30.
- Bearing Housing:** Gray Iron 30.
- Seal:** Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating and Stationary Faces. Stainless Steel 304 Stationary Seat. Fluorocarbon Elastomers (DuPont VitonR or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 71°C.*
- Seal Plate:** Gray Iron 30.
- Shaft Sleeve:** Stainless Steel 17-4PH.
- Radial Bearing:** Open Single Row Ball.
- Thrust Bearing:** Open Double 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.
- Flange kit:** 4" x 3" Metric suct/discharge spoolkit 48213-121

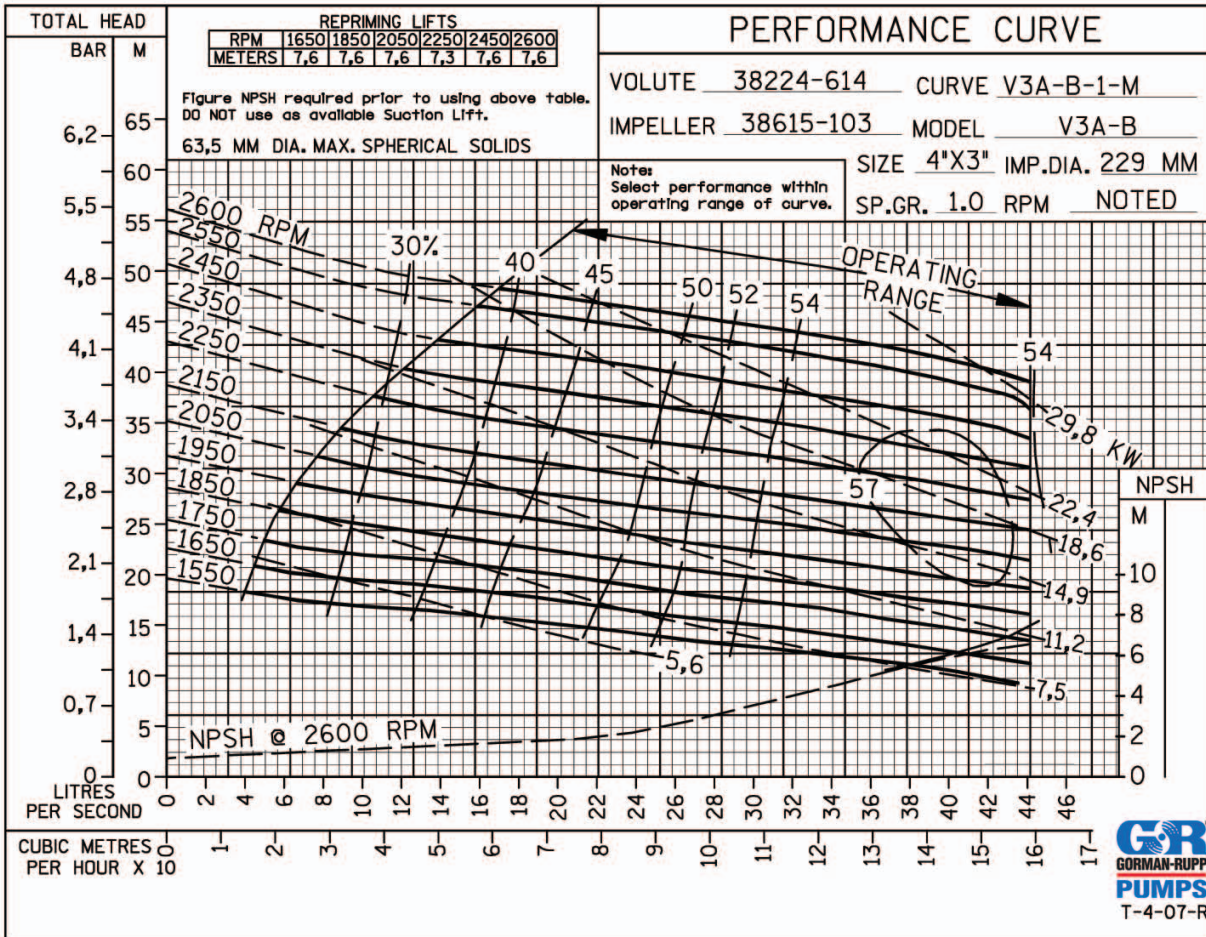
MODEL V3A-EDP



Weight: 901 kgs

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

PERFORMANCE CURVE



ENGINE FEATURES

Pump will be driven by a reliable and durable 4 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

- Frame mounted exhaust silencer
- High capacity fully bunded fuel tank (min. 24 Hr capacity)
- Oil-water separator
- Steel wire braided fuel lines
- Mechanical fuel gauge
- Large fuel filler cap
- 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
- Advanced powder coating paint finish to withstand arduous site conditions
- Central lifting facility
- Compact design minimizes transportation costs
- 110% bunded (fuel and engine fluids)
- Fully integrated exhaust system