

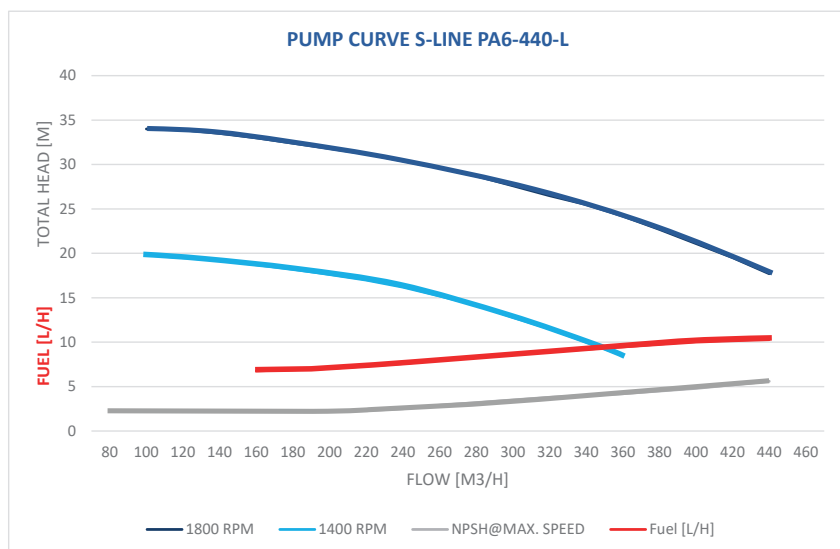
PA6-440-L/LS

GORMAN-RUPP S-LINE

General description



The Gorman-Rupp S-Line PA6-440-L/LS is a diesel powered priming-assisted centrifugal pump set for pumping clean and dirty water (L-version) and/or sewage (LS-version)



Pump curve based on water at 20°C, Performance of the LS versions is on average 10% below that shown in the curve.

CHASSIS

Steel, fully welded and hot-dip galvanized. Equipped with drain plug, oil separating overflow and forklift bars.

CANOPY

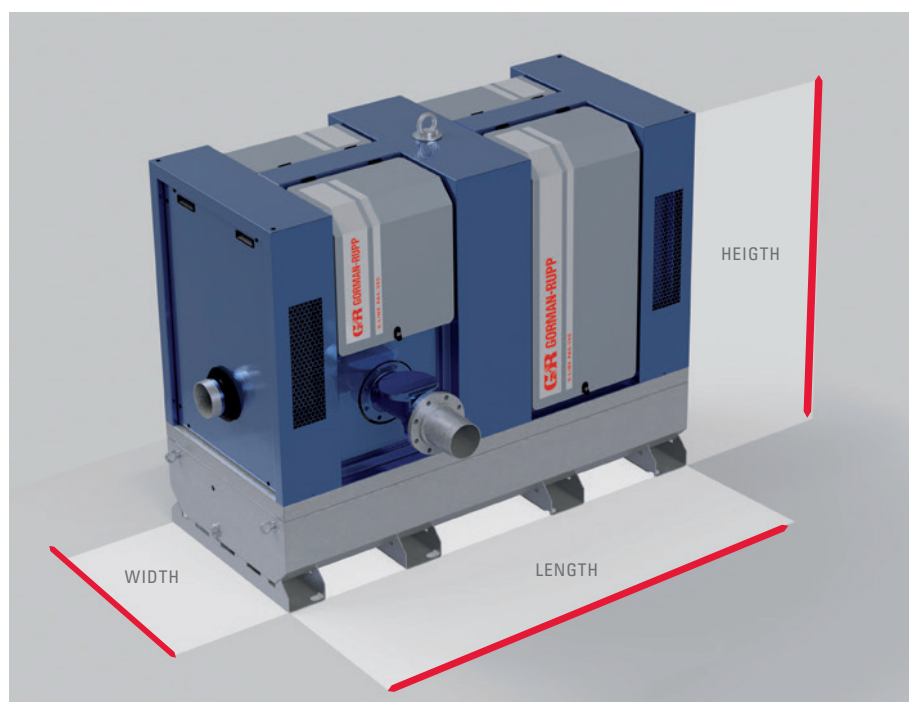
Steel body, galvanized, powder coated RAL 5003, and sandwich composite wing doors with gas springs.

FUEL TANK

Stainless steel, 200 liter

EMPTY WEIGHT

Approx. 1610 kg



PUMP

Gorman-Rupp PA6C60D priming-assisted centrifugal pump



ENGINE

Kohler KDI1903TCR liquid cooled 4-stroke 1861 cc 3-cylinder diesel engine



IMPELLER

Semi-open 2-vane 10,62" impeller made of ductile iron. LS-version: with 'snaggle-tooth' wearplate



PERFORMANCE

Max. 440 m³/h flow or 34 mWc head



DIMENSIONS

6" x 6" BSP-T connection size, 76,2 mm solids handling capacity
C: 2,25m B: 1,00m H: 1,91m



SOUND

max. 82 dB, measured at 1 meter distance and 1 meter height



WARRANTY

2-year Gorman-Rupp warranty on the pump, 1-year on the engine and other components.



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Technical specifications



PUMP

Solids handling
Max. working pressure
Impeller
Pump Shaft Bearings
Bearing lubrication
Shaft sealing
Fasteners
Oil sight glasses

PA6C60D

3" (76,2mm)
876 kPa
Semi-open, 10.62" blade impeller
Open double row ball bearings
SAE30
Mechanical seal
Steel, nickel-plated
Available

Pump casing
Impeller
Pump shaft
Shaft sleeve
Wear plate

Ductile Iron
Ductile Iron
Stainless Steel 17-4 PH
Stainless Steel 17-4 PH
Ductile Iron

Seal Plate
Bearing housing
Gaskets
O-rings

Gray Iron 30
Gray Iron 30
Rubber, Cork, Natural fibers, Buna-N
Buna-N

DIAPHRAGM VACUUM PUMP

Pumpcasing
Diaphragm casing
Diaphragm
Valves
Drive shaft

Gray Iron 30
Aluminiumlegering 356-T6
Neoprene
Buna-N
Alloy Steel 4130

Bearings
Oil sight glasses
Air/ water seperator

Open single row ball bearings
2
Standard

CHASSIS DESIGN

Chassis

Corrosion protection
Canopy
Corrosion protection

Steel, fully welded, equipped with drain stopper, oil-separating overflow and forklift beams

Hot-dip galvanized
Steel with 4 wing doors
1) Zinc coating
2) 2-component epoxy insulation layer
3) Powder coating RAL 5003 (standard)
Composite sandwich construction, wing doors with gas springs, RAL 7036
See option list

ENGINE

Brand
Model
Emission standard
Engine capacity
Cooling
Air intake
Fuel tank capacity
Autonomy at full load
Starting

Kohler
KDI1903TCR
EU stage V
1861 CC
Liquid-cooled
Turbo with inlet air cooler
200 L
Approx. 20 hours
Electric started

CONTROL

Controlpanel
Start

Control elements

Hour meter
Speed adjustment

DSE400
Manual by means of a start button on the panel or automatic (optional) Oil pressure / Water temperature / Engine load / Fuel consumption / Battery voltage / Speed / Fuel level / Preheat / General warning
Yes
Soft touch buttons on the control panel

