

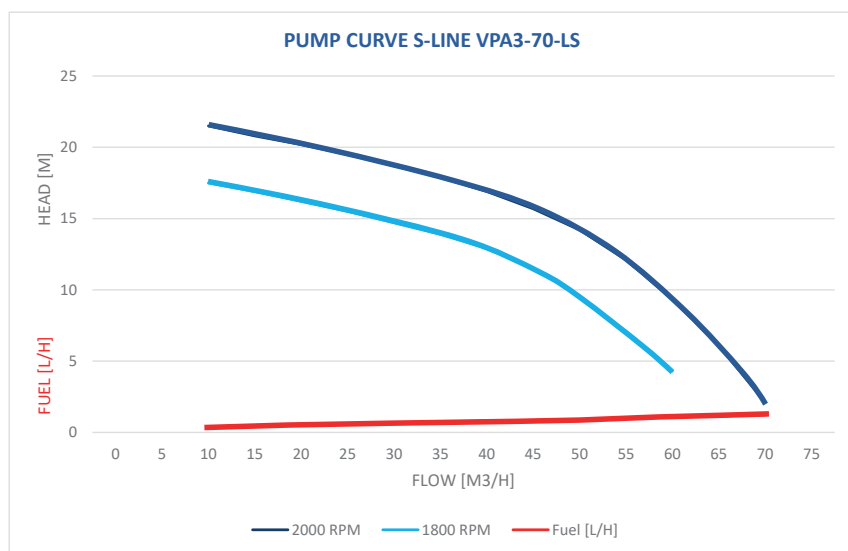
# VPA3-70-LS

# GORMAN-RUPP S-LINE

*Algemene beschrijving*



The Gorman-Rupp S-Line VPA3-70-LS is a diesel-powered priming-assisted centrifugal pump set for pumping clean, dirty and sewage water.



Pump curves based on water at 20°C

## 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, Equipped with hinged doors.

## FUEL TANK

Stainless steel, 60 liter

## EMPTY WEIGHT

Approx. 535 kg



## PUMP

VPA3A60D priming-assisted centrifugal pump



## ENGINE

Hatz 1D42  
air-cooled 4-stroke 445 cc  
1-cylinder diesel engine



## IMPELLER

7.1" open impeller made of cast iron



## PERFORMANCE

Max. 70 m<sup>3</sup>/h flow or  
22 mWc head



## DIMENSIONS

3" x 3" BSP-T connection size,  
28,5 mm solids handling capacity  
C:1,30m B: 0,90m H: 1,40m



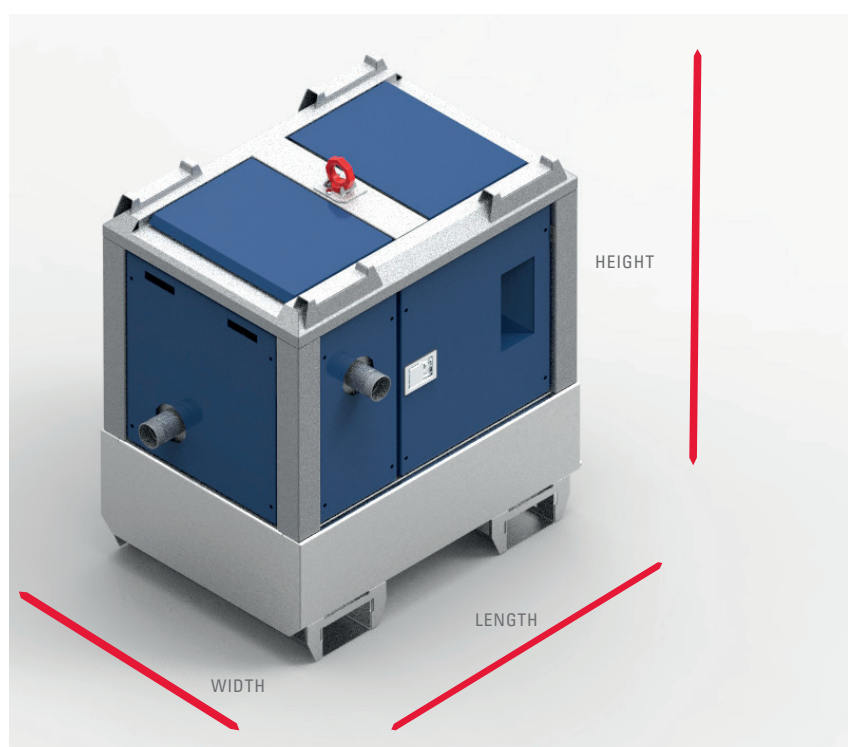
## SOUND

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



# VPA3-70-LS

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*Technical specification*



## PUMP

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

## VPA3A60D

3" (76,2 mm)  
1007 kPa  
Semi-open, 2-vane impeller  
Open single row ball bearings  
SAE30  
Mechanical seal  
Steel, nickel-plated  
Available

Pump casing  
Impeller  
Pump shaft

Gray iron 30  
Gray iron 30  
Alloy Steel 4130

Shaft sleeve

Alloy Steel 4130

Bearing housing  
Flanges  
O-rings

Gray iron 30  
Gray iron 30  
Buna-N

## DIAPHRAGM VACUUM PUMP

Pump casing  
Diaphragm casing  
Diaphragm  
Valves

Gray iron 30  
Aluminium 356-T6  
Neoprene  
Neoprene

## CHASSIS DESIGN

Chassis

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

Corrosion protection  
Canopy  
Corrosion protection

Hot-dip galvanized  
Steel with 2 revolving doors  
1) Zinc layer  
2) 2-component epoxy insulation layer  
3) Powder coating RAL 5003 (standard)

Doors

Composite sandwich construction, hinged RAL 7036

Optional

Stackable, customer specific colors (see options list)

## ENGINE

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

Hatz  
1D42  
EU stage V  
445 CC  
Air-cooled  
Atmospheric  
60 L  
Approx. 60 hour  
Electric started

## CONTROL

Start  
Control elements

Manual with ignition key  
Oil pressure / Water temperature /  
Battery voltage / Preheat / General  
warning  
Yes  
Manual throttle

Hour meter  
Speed adjustment

