

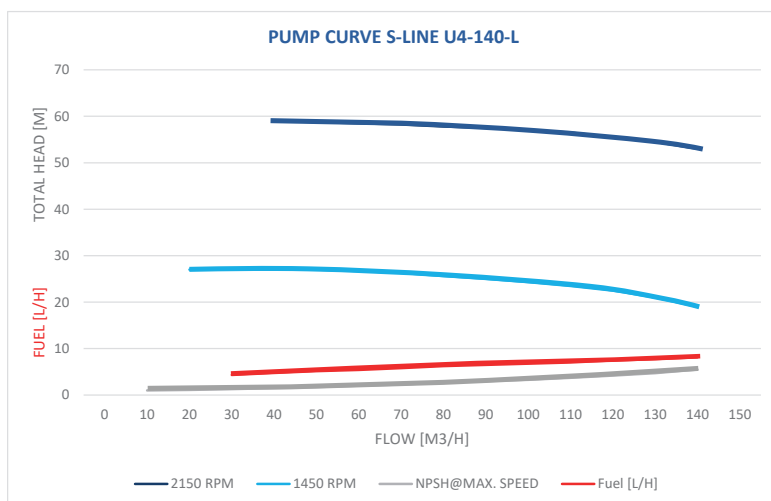
# U4-140-L

## GORMAN-RUPP S-LINE

General description



The Gorman-Rupp S-Line U4-140-L is a diesel-powered self-priming centrifugal pump set for pumping clean and slightly contaminated water.



Pump curve 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

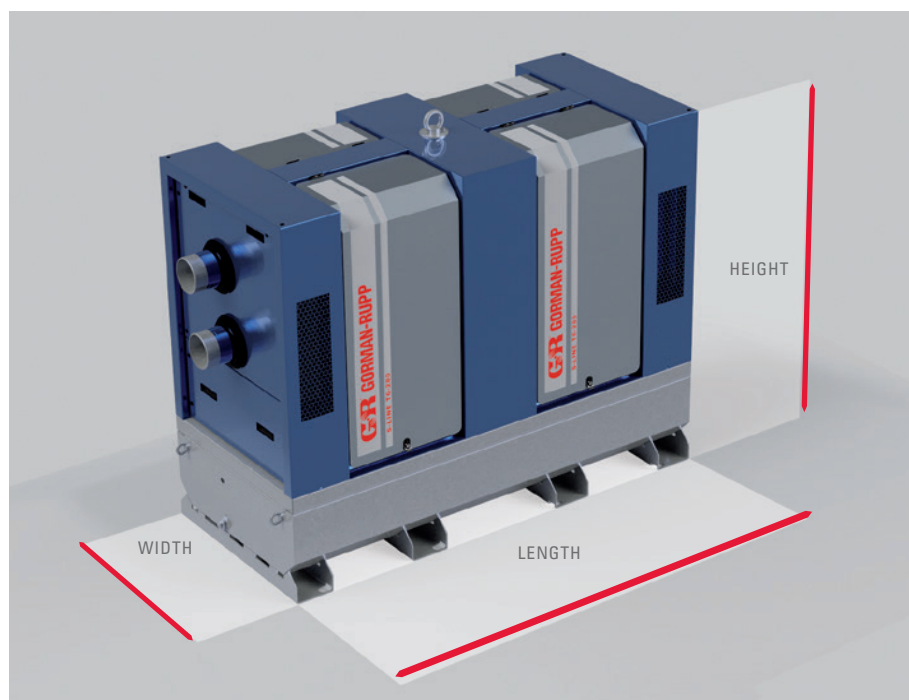
Steel body, galvanized, powder coated RAL 5003, and sandwich composite wing doors with gas springs.

### FUEL TANK

Stainless steel, 200 liter

### EMPTY WEIGHT

Approx. 1500 kg



### PUMP

Gorman-Rupp U4B60 self-priming centrifugal pump



### ENGINE

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



### IMPELLER

11" Semi-open-6 vane impeller made of ductile iron.



### PERFORMANCE

Max. 140 m<sup>3</sup>/h flow or 59 mWc head



### DIMENSIONS

4" x 4" BSP-T connection size, 20,6 mm solids handling capacity  
C: 2,30m B: 1,00m H: 1,90m



### SOUND

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



### WARRANTY

5-year Gorman-Rupp warranty on the pump, 1-year on the motor and other components



# U4-140-L

## GORMAN-RUPP S-LINE

*Technical specifications*



### PUMP

Solids handling	13/16" (20,6mm)
Max. working pressure	883 kPa
Impeller	11" Semi-open-6 vane impeller
Pump Shaft Bearings	Open single row and double row ball bearings
Bearing lubrication	SAE30
Shaft sealing	Mechanical seal
Fasteners	Steel, nickel-plated
Oil sight glasses	Available
Pump casing	Gray Iron 30
Impeller	Ductile Iron
Pump shaft	Alloy Steel 4150
Shaft sleeve	Alloy Steel 4130
Wearplate	Gray Iron 30
Check valve	Neoprene with steel reinforcement
Seal plate	Gray Iron 30
Bearing housing	Gray Iron 30
Gaskets	Cork, rubber, PTFE, Buna-N and natural fibers
O-rings	Buna-N

### CHASSIS DESIGN

Chassis	Steel, fully welded, equipped with drain stopper, oil separating overflow and forklift beams
Corrosion protection	Hot-dip galvanized
Chassis	Steel with 4 wing doors
Corrosion protection	1) Zinc layer 2) 2-component epoxy insulation layer 3) Powder coating RAL 5003 (standard)
Doors	Composite sandwich construction, hinged doors with gas springs, RAL 7036
Optional	See option list

### ENGINE

Brand	Kohler
Model	KDI1903TCR
Emission standard	EU stage V
Engine capacity	1861 CC
Cooling	Liquid cooled
Air intake	Turbo with inlet air cooler
Fuel tank capacity	200 L
Autonomy at full load	Approx. 25 hours
Starting	Elektrisch gestart

### CONTROL

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

