

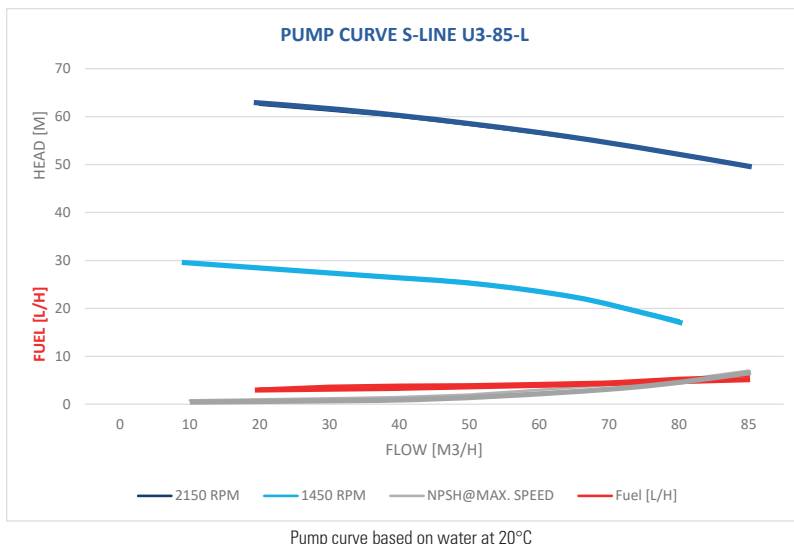
# U3-85-L

## GORMAN-RUPP S-LINE

General description



The Gorman-Rupp S-Line U3-85-L is a diesel-powered self-priming centrifugal pump set for pumping clean and slightly contaminated water.



### CHASSIS

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

### CANOPY

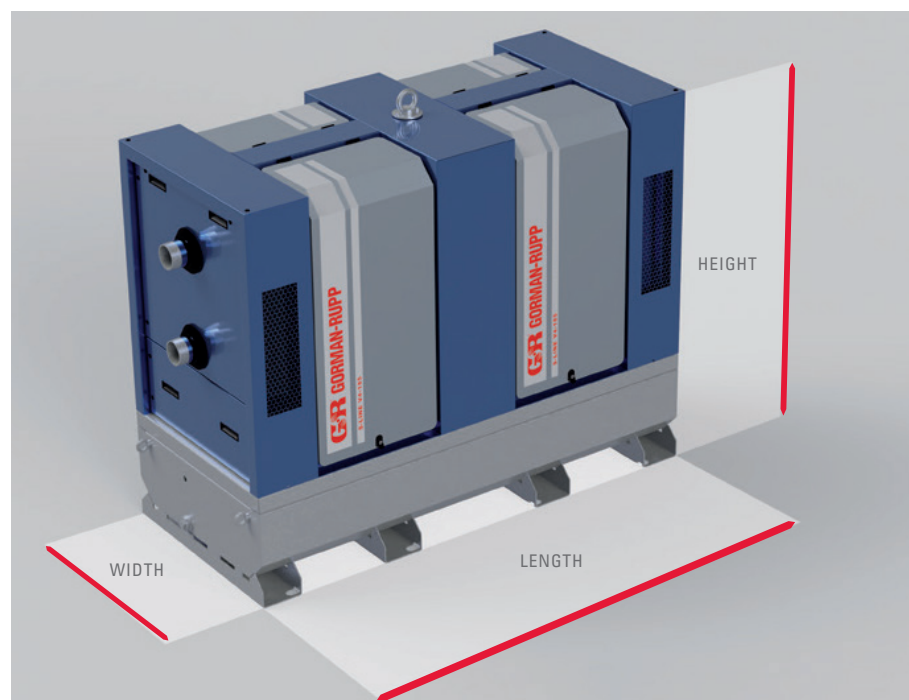
Steel body, galvanized, powder coated RAL 5003, and sandwich composite wing doors with gas springs.

### FUEL TANK

Stainless steel, 200 liter

### EMPTY WEIGHT

Approx. 1300 kg



### PUMP

Gorman-Rupp U3B60S self-priming centrifugal pump



### ENGINE

Kohler KDW1003 liquid cooled 4-stroke 1028 cc 3-cylinder diesel engine



### IMPELLER

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



### PERFORMANCE

Max. 85 m³/h flow or 62 mWc head



### DIMENSIONS

3" x 3" 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



# U3-85-L

## GORMAN-RUPP S-LINE

*Technical specifications*



### PUMP

Solids handling	13/16" (20.6 mm)
Max. working pressure	945 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
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Wearplate	Gray Iron 30
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Ductile iron	Gray Iron 30
	Gray Iron 30

O-rings	Cork, Buna-N, Rubber, Natural fibers, PTFE, Synthetic fibers
	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	KDW1003
Emission standard	EU stage V
Engine capacity	1028 CC
Cooling	Liquid cooled
Air intake	Atmospheric
Fuel tank capacity	200 L
Autonomy at full load	Approx. 40 hours
Starting	Electric started

### CONTROL

Control panel	Standard Kohler KDW1003
Start	Manual with ignition key
Control elements	Oil pressure / Water temperature / Battery voltage / Preheat / General warning
Hour meter	Yes
Speed adjustment	Manual throttle

