

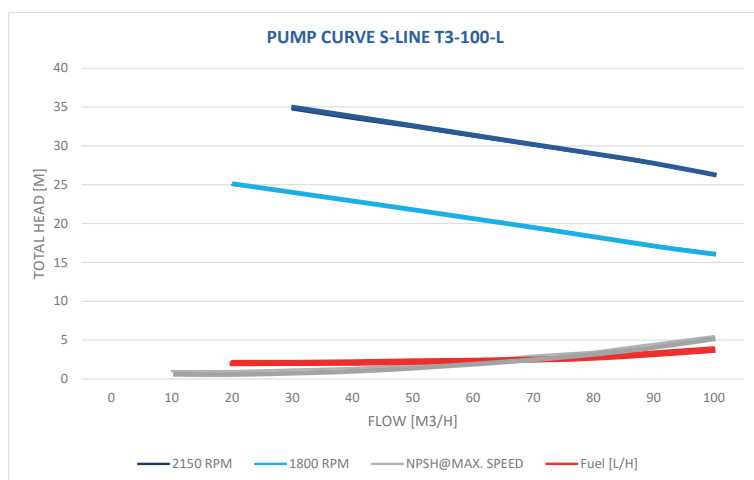
# T3-100-L/LS

## GORMAN-RUPP S-LINE

General description



The Gorman-Rupp S-Line T3 is a diesel-powered self-priming centrifugal pump 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

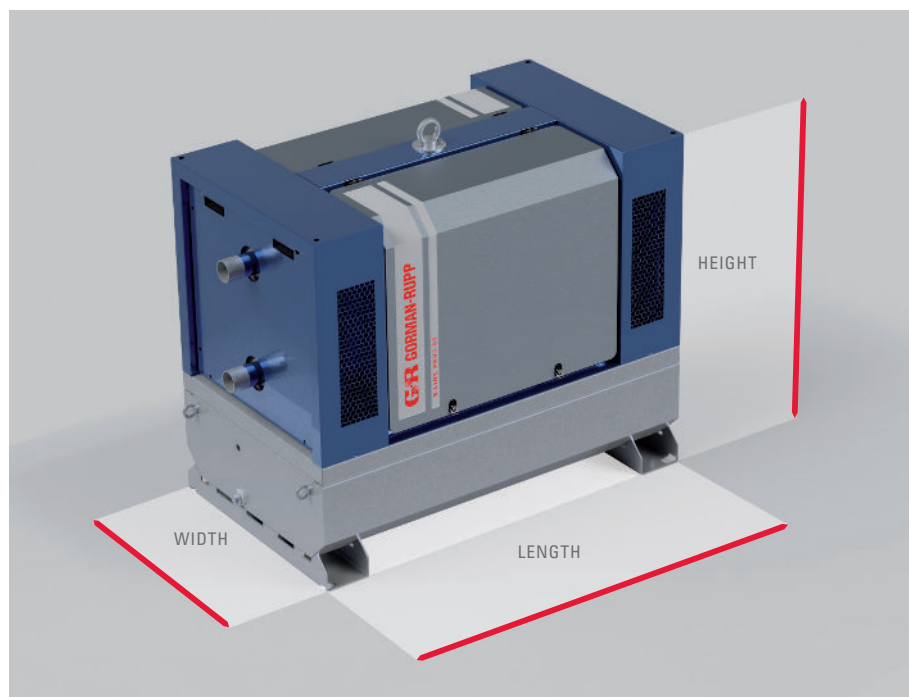
Steel body, galvanized powder coated RAL 5003, and sandwich composite wing doors with gas springs.

### FUEL TANK

Stainless steel, 90 liter

### EMPTY WEIGHT

Approx. 800 kg



### PUMP

Gorman-Rupp T3A60S self-priming centrifugal pump



### ENGINE

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



### IMPELLER

8.75" semi open 2 vane impeller made of ductile iron  
LS version: with Eradicator™



### PERFORMANCE

Max. 100 m<sup>3</sup>/h flow or 40 mWc head



### DIMENSIONS

3" x 3" BSP-T connection size, 63.5 mm solids handling capacity  
C: 1.70 m B: 1.00m H: 1.44m



### 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 engine and other components



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## Technical specifications



### PUMP

Solids handling	2 1/2 (63.5mm)
Max. working pressure	593 kPa
Impeller	8.75" semi open 2 vane impeller
Pump Shaft Bearings	Open single 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	Carbon Steel ASTM A36
Cover plate	Gray Iron 30
Back cover plate	Gray Iron 30
Check valve	Neoprene with steel reinforcement

Seal plate	Gray Iron 30
Bearing housing	Gray Iron 30
Flanges	Gray Iron 30
Gaskets	Rubber, Cork, Natural fibers, Synthetic fibers, PTFE
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
Canopy	Steel with 2 wing doors
Corrosion protection	1) Zinc layer 2) 2-component epoxy insulation layer 3) Powder coating RAL 5003 (standard)
Doors	Composite sandwich construction, wing 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	90 L
Autonomy at full load	Approx. 30 hours
Starting	Electric started

### CONTROL

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

