

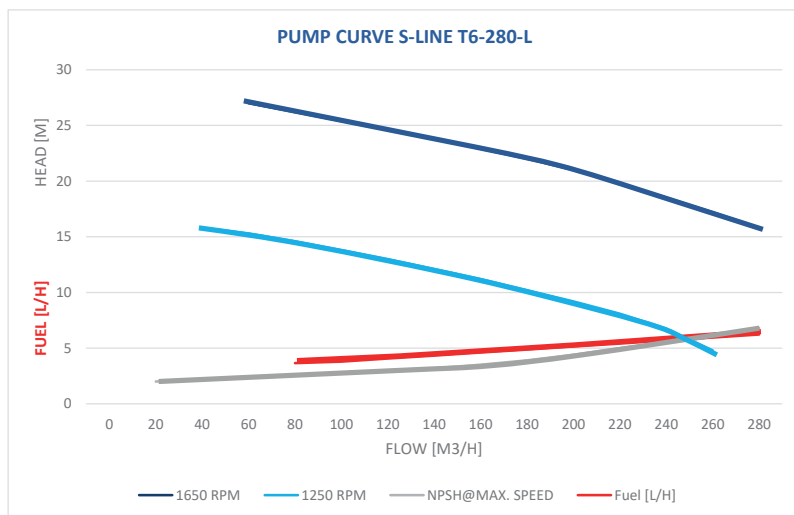
T6-280-L/LS

GORMAN-RUPP S-LINE

General description



The Gorman-Rupp S-Line T6-280-L/LS is a diesel powered self-priming 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

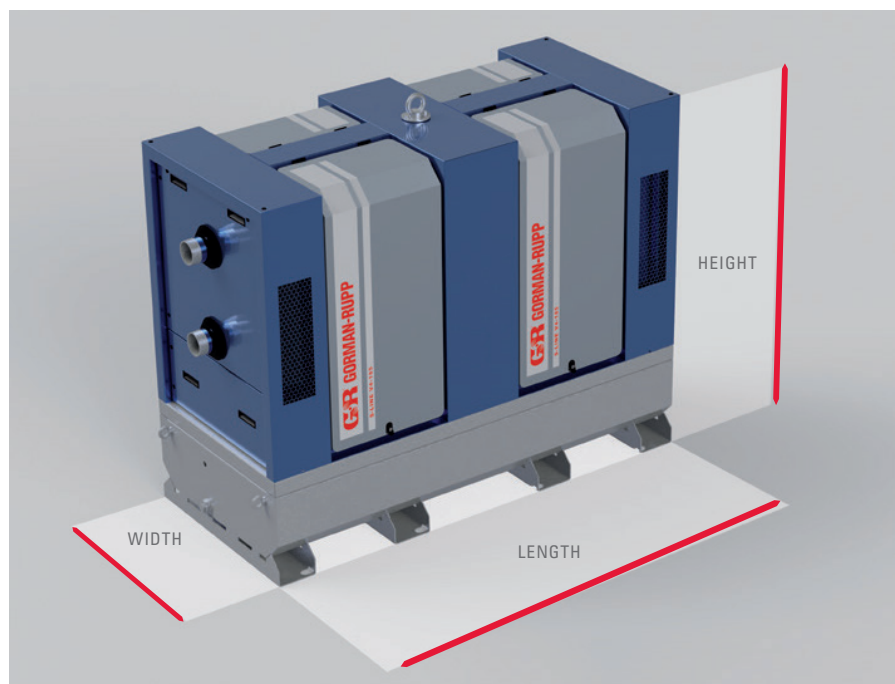
Steel body, galvanized, powder coated RAL 5003, and sandwich composite wing doors with gas springs.

FUEL TANK

Stainless steel, 200 liter

EMPTY WEIGHT

Approx. 1705 kg



PUMP

Gorman-Rupp T6A60 self-priming centrifugal pump



ENGINE

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



IMPELLER

Semi-open 2-vane 11" impeller made of Ductile Iron LS-version: with Eradicator™



PERFORMANCE

Max. 280 m³/h flow or 27 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

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



T6-280-L/LS

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Technical specifications



PUMP

| | |
|-----------------------|--|
| Solids handling | 3" (76,2mm) |
| Max. working pressure | 545 kPa |
| Impeller | 11" Semi-open-2 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 4150 |
| Wear plate | Carbon Steel 1026 |
| Check valve | Neoprene with steel reinforcement |
| Seal plate | Gray Iron 30 |
| Bearing housing | Gray Iron 30 |
| Gaskets | Rubber, Kurk, syntetische vezels, natuurlijke vezels, PTFE, Buna-N |
| 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, wing doors with gas springs, RAL 7036 |
| Optional | See option list |

ENGINE

| | |
|-----------------------|-----------------------------|
| Brand | Kohler |
| Model | KD11903TCR |
| 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. 30 hours |
| Starting | Electric started |

CONTROL

| | |
|------------------|--|
| Control panel | DSE400 |
| Start | Manual by means of a starter 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 |

