

T4-160-L/LS

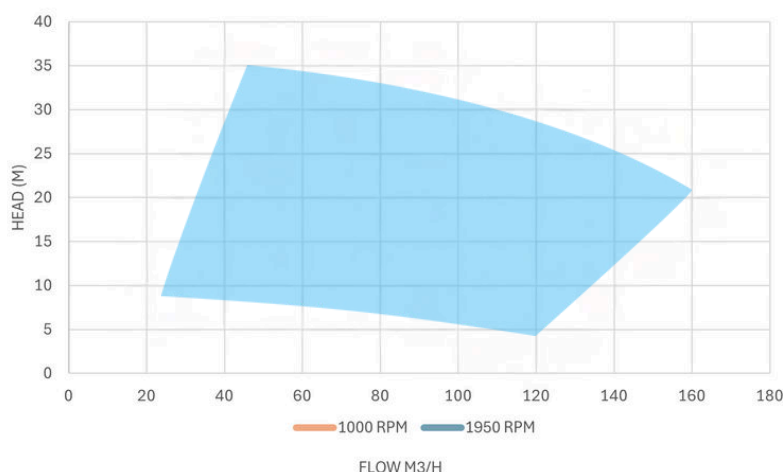
GORMAN-RUPP S-LINE

General description



The Gorman-Rupp S-Line T4-160-L/LS is a diesel-powered self-priming centrifugal pump set for pumping clean and dirty water (L version) and/or sewage (LS version).

S-LINE T4-3H50T



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 over flow and forklift bars.

CANOPY

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

FUEL TANK

Stainlesssteel, 200 liter

EMPTY WEIGHT

Approx. 1460 kg



PUMP

Gorman-Rupp T4A60S self-priming centrifugal pump



ENGINE

HATZ 3H50T liquid-cooled 4-stroke 1464 cc 3-cylinder diesel engine



IMPELLER

Semi-open-2-vane 9.75" impeller made of ductile iron. LS-version: with Eradicator™



PERFORMANCE

Max. 160 m³/h flow or 35 mWc head



DIMENSIONS

4" x 4" BSP-T connection size, 76,2 mm solids handling capacity
C: 2,00m B: 1,00m H: 1,91m



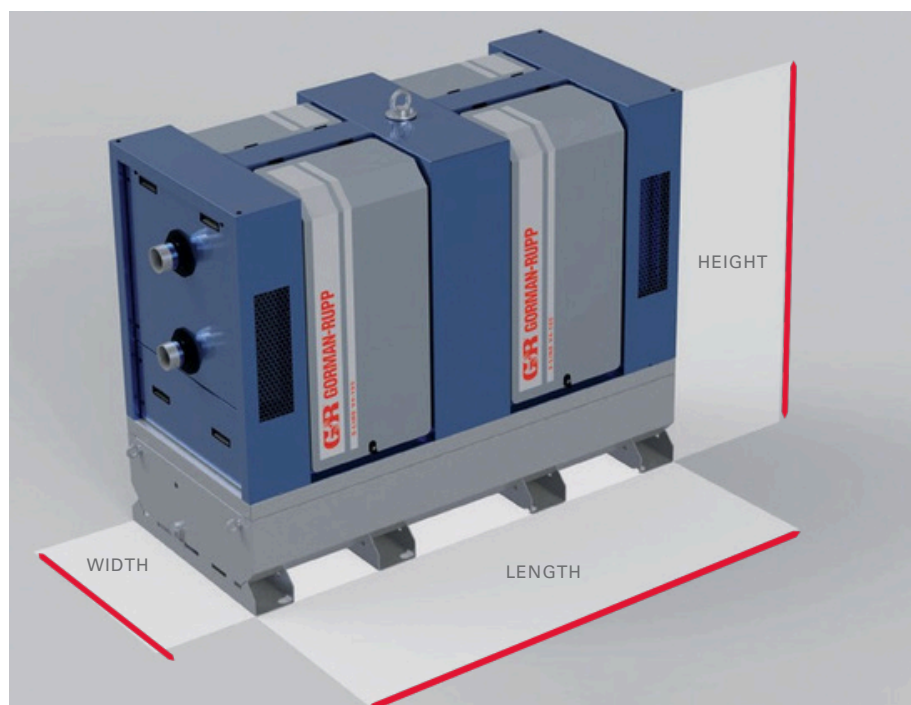
SOUND

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



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Technical specifications



PUMP

Solids handling
Max. working pressure
Impeller
Pump Shaft Bearings

T4A60S

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

Bearing lubrication
Shaft sealing
Fasteners
Oil sight glasses

Pump casing
Impeller
Pump shaft

Gray Iron 30
Ductile Iron
Alloy Steel 4150

Shaft sleeve

Alloy Steel 4130

Wear plate
Check valve
Bearing housing
Gaskets

Carbon Steel ASTM A36
Neoprene with steel reinforcement
Gray iron 30
Synthetic fibers, rubber, Cork, PTFE, natural bers, Buna-N
Buna-N

O-rings

CHASSIS DESIGN

Chassis

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

Corrosion protection
Chassis
Corrosion protection

Hot-dip galvanized
Steel with 4 wing doors
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
Model
Emission standard
Engine capacity
Cooling
Air intake
Fuel tank capacity
Autonomy at full load
Starting

HATZ
3H50T
EU stage V
1464 CC
Liquid cooled
Atmospheric
200 L
Approx. 60 hours
Electric started

CONTROL

Control panel
Start

DSE400
Manual by means of a start button on the panel or automatic (optional)
Oil pressure / Water temperature / Engine load / Fuel consumption / Battery voltage / Speed / Fuel level / Preheat / General warning

Control elements

Hour meter
Speed adjustment

Yes
Soft touch buttons on the control panel

