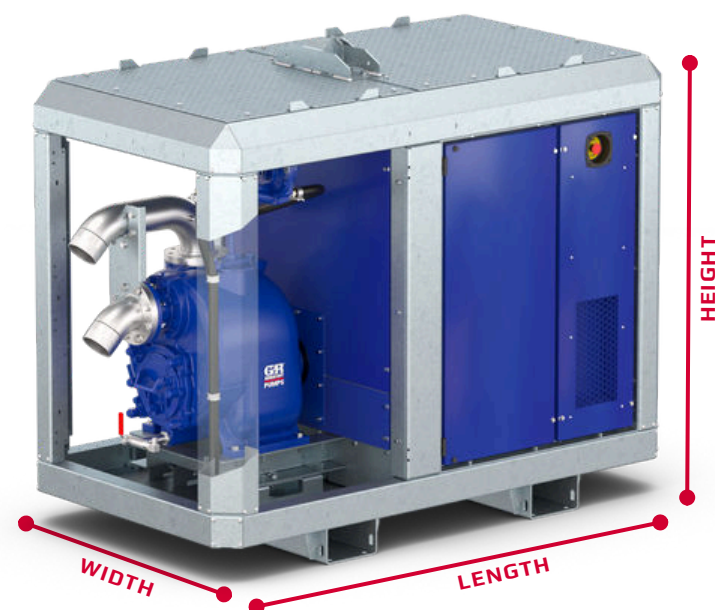


E-Line T4-22-4

GORMAN-RUPP E-LINE GENERAL DESCRIPTION



The Gorman-Rupp E-Line T4-22-4 is an electric driven self-priming centrifugal pump set for pumping clean, dirty and sewage water.



WEIGHT

Approx. 1300 kg

OPERATION

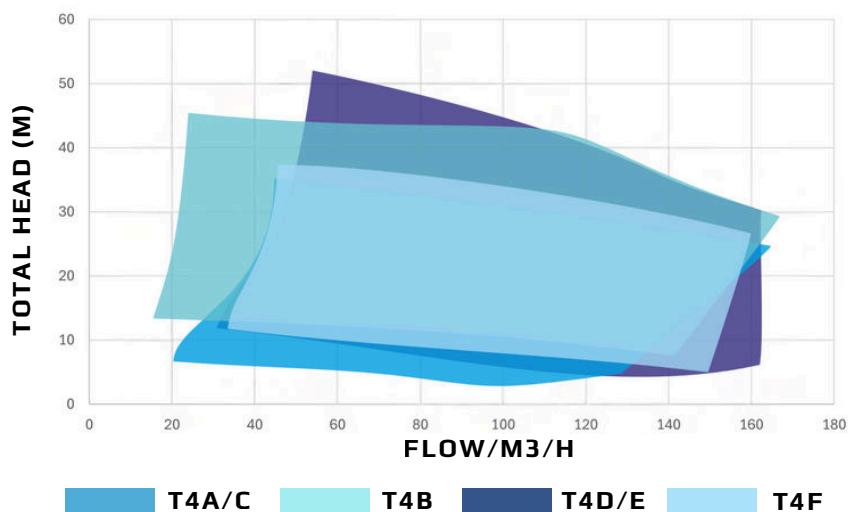
Control panel with main switch, emergency switch, pump on/off, hour counter and speed control. See rear side for more options.

COUPLING AND GUARD

Rubber tyre coupling, steel guard RAL 3002 (red)

CHASSIS

Heavy gauge steel chassis, fully galvanized. Steel protective panels, galvanized, with an additional epoxy layer and powder coated RAL 5003 with a total dry film thickness of approx. 120 micron

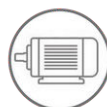


*Pump performance curve is based on water with a SG=1.0 and without additional accessories.



PUMP

Gorman-Rupp T4A60S-B self-priming centrifugal pump



ELECTRIC MOTOR

22 kW IE4 super premium efficiency electric motor variable frequency drive (VFD) integrated in the pump set



IMPELLER

9,75" Impeller made of ductile iron 76,2 mm solid handling capacity



PERFORMANCE

Max. 168 m³/h flow or 52 mWc discharge head



DIMENSIONS

4" x 4" connection size
L: 2,09 m W: 1,1 m H: 1,66 m



SOUND

max. 75 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



The Pump People®

WHERE BLUE MEETS GREEN



E-Line T4-22-4

GORMAN-RUPP E-LINE TECHNICAL SPECIFICATIONS



PUMP

Solids handling
Max. working pressure
Impeller
Pump shaft bearings
Bearing and seal cavity lubrication
Shaft sealing

T4A60S-B (standard version, see curves and table below for optional hydraulics. Check E-Line brochure page 42 for material codes)

76,2 mm
86 psi (593 kPa)
9,75 " Semi-Open, Two Vane Ductile Iron 65-45-12
Open Single Row Ball Bearings
SAE 30 Non-Detergent Oil
Mechanical cartridge type seal with Silicon Carbide / Silicon Carbide faces and Fluorocarbon FKM, (Viton® or Equivalent) Elastomers.
Standard Plated Steel
Bearing and Seal Cavity Oil Level Sight Gauges
Gray Iron 30
Ductile Iron 65-45-12
Alloy Steel 4150
Alloy Steel 4130
Carbon Steel ASTM A36
Neoprene with Nylon and Steel Reinforcing
Gray Iron 30
Gray Iron 30
Buna-N, with Compressed Synthetic Fiber, Vegetable Fiber, PTFE, Cork and Rubber
Buna N

Fasteners
Oil sight glasses
Pump casing
Material Impeller
Impeller Shaft
Shaft sleeve
Wear plate
Check valve
Seal plate
Bearing housing
Gaskets

O-Rings



AVAILABLE MODELS

<u>Model</u>	<u>Max. flow</u>	<u>Max.discharge head</u>	<u>Max.RPM</u>	<u>Min.RPM</u>
T4A-22-4	165 m3/h	35 mWc	1950	850
T4B-22-4	168 m3/h	45 mWc	2150	1150
T4C-22-4	168 m3/h	34 mWc	1950	850
T4D-22-4	162 m3/h	52 mWc	2450	1150
T4E-22-4	168 m3/h	45 mWc	2350	1150
T4F-22-4	160 m3/h	37 mWc	2050	1150

CHASSIS DESIGN

Chassis Heavy gauge steel chassis, fully galvanized
Corrosion protection Hot-dip galvanized
Protective panels Steel protective panels, galvanized with an additional epoxy layer and powder coated RAL 5003

ELECTRIC MOTOR

Brand WEG
Model W22
Maximum Power 22,0 kW
Efficiency Class IE4 Super Premium Efficiency
Variable Frequency Drive (VFD) Euradrive, integrated in the pump set

OPTIONS

Discharge Check Valve
Air Release Valve
High Temperature Shutdown Kit
Remote Control
Float Switch
Level Sensor
Custom Colors

CONTROL PANEL

Functionalities Main switch, emergency switch, pump on/off, hour counter and speed control
IP Rating of the Cabinet IP44
Earthing System 5 wire Terra-Neutral Separated (TN-S) connection
CEE Plug 63A 5P 400V

