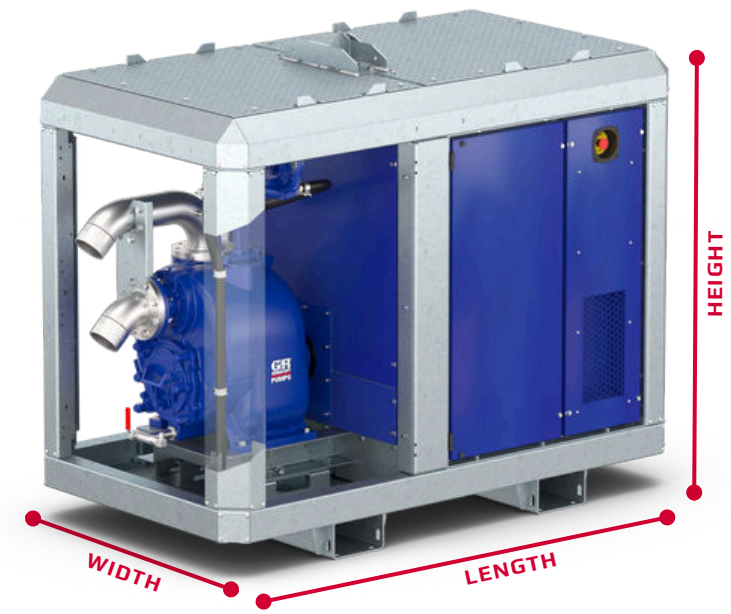
E-Line T4-22-4

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.

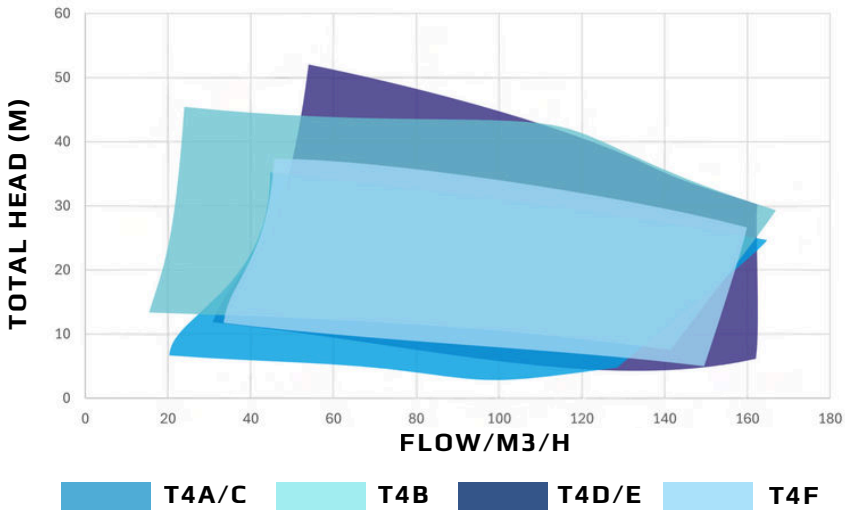


WEIGHT
Approx. 1300 kg

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

E line
Electric Powered Pumps

The Pump People®

WHERE BLUE MEETS GREEN

E-Line T4-22-4

GORMAN-RUPP E-LINE

TECHNICAL SPECIFICATIONS

PUMP

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

Solids handling	76,2 mm
Max. working pressure	86 psi (593 kPa)
Impeller	9,75 " Semi-Open, Two Vane Ductile Iron 65-45-12
Pump shaft bearings	Open Single Row Ball Bearings
Bearing and seal cavity lubrication	SAE 30 Non-Detergent Oil
Shaft sealing	Mechanical cartridge type seal with Silicon Carbide / Silicon Carbide faces and Fluorocarbon FKM, (Viton® or Equivalent) Elastomers.
Fasteners	Standard Plated Steel
Oil sight glasses	Bearing and Seal Cavity Oil Level Sight Gauges
Pump casing	Gray Iron 30
Material Impeller	Ductile Iron 65-45-12
Impeller Shaft	Alloy Steel 4150
Shaft sleeve	Alloy Steel 4130
Wear plate	Carbon Steel ASTM A36
Check valve	Neoprene with Nylon and Steel Reinforcing
Seal plate	Gray Iron 30
Bearing housing	Gray Iron 30
Gaskets	Buna-N, with Compressed Synthetic Fiber, Vegetable Fiber, PTFE, Cork and Rubber
O-Rings	Buna N

E line
Electric Powered Pumps

AVAILABLE MODELS

Model	Max. flow	Max.discharge head	Max.RPM	Min.RPM
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

OPTIONS

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

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

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