

E-Line

T10-45-6

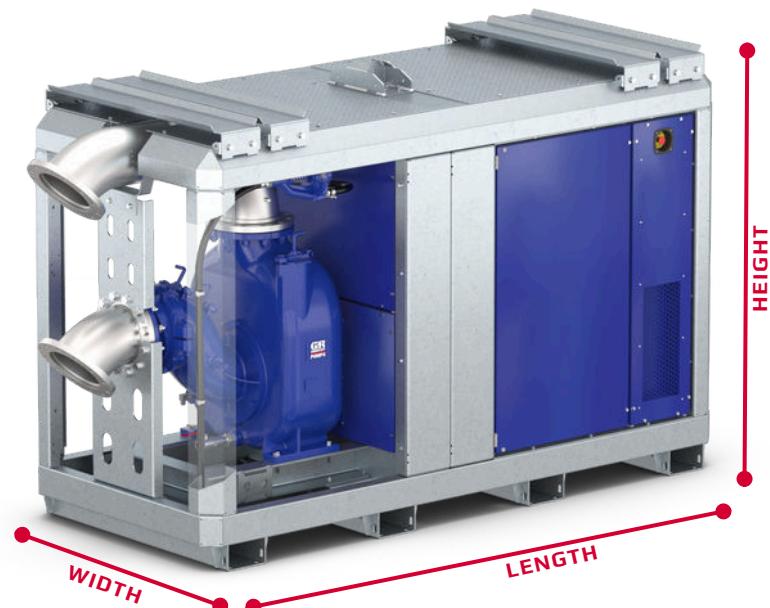
GORMAN-RUPP

E-LINE

GENERAL DESCRIPTION



The Gorman-Rupp E-Line T10-45-6 is an electric driven self-priming centrifugal pump set for pumping clean, dirty and sewage water.



WEIGHT

Approx. 3210 kg

OPERATION

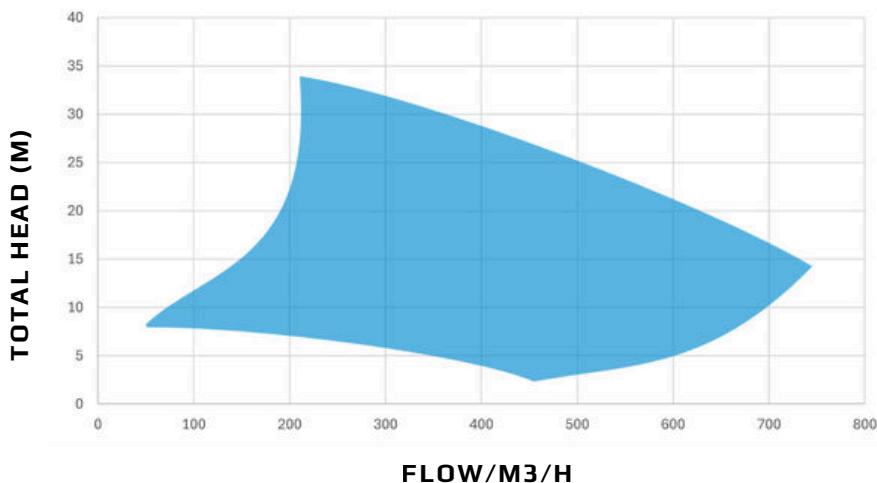
Control panel with main switch, emergency switch, pump on/off, hour counter and speed control. See rear side for more options.

COUPLING AND GUARD

Rubber tyre coupling, integrated protective guard

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



T10A/C

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

- PUMP**
Gorman-Rupp T10A605-B
self-priming centrifugal pump
- ELECTRIC MOTOR**
45 kW IE4 Super premium
efficiency electric motor with
variable frequency drive (VFD)
integrated in the pump set
- IMPELLER**
14,75" Impeller made of
Ductile Iron 65-45-12
76,1 mm solid handling capacity
- PERFORMANCE**
Max. 750 m³/h flow or
34 mWc discharge head
- DIMENSIONS**
10" x 10" xxx connection size
L: 3,49 m W: 1,35 m H: 2,07 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

T10-45-6

GORMAN-RUPP

E-LINE

TECHNICAL SPECIFICATIONS



PUMP

T10A60S-B (Standard version, see curves and table below for optional hydraulics. Check E-Line brochure page for material codes)

Solids handling	76,1 mm
Max. working pressure	99 psi (683 kPa)
Impeller	14,75" Semi-Open, Six Vane Ductile Iron 65-45-12
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
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

AVAILABLE MODELS

Model	Max. flow	Max. discharge head	Impeller Type	Solid handling	Design Feature	Materials
T10A-45-6	750 m3/h	34 mWc	Semi-open, two vane	76,1 mm	Solids-handling (SH)	Cast Iron, CD4MCu
T10C-45-6	750 m3/h	34 mWc	Semi-open, two vane	76,1 mm	SH + Eradicator®	Cast Iron



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	45,0 kW
Efficiency Class	IE4 Super Premium Efficiency
Variable Frequency Drive (VFD)	Euradrive, integrated in the pump set

OPTIONS

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	125A 5P 400V

