

# E-Line

## T8-30-6

# GORMAN-RUPP

## E-LINE

### GENERAL DESCRIPTION



The Gorman-Rupp E-Line T8-30-6 is an electric driven self-priming centrifugal pump set for pumping clean, dirty and sewage water.



#### WEIGHT

Approx. 2360 kg

#### OPERATION

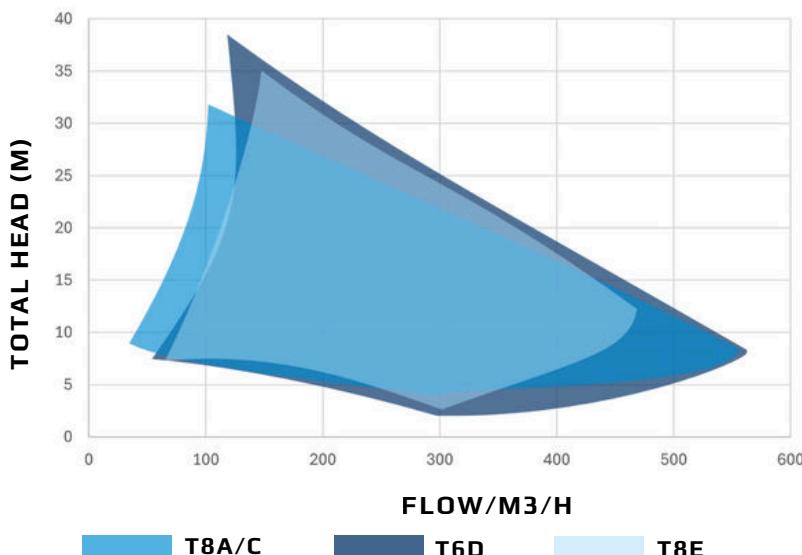
Control panel with main switch, emergency switch, pump on/off, hour counter and speed control. See rear side for more options.

#### 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



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



#### PUMP

Gorman-Rupp T8A60S-B  
self-priming centrifugal pump



#### ELECTRIC MOTOR

30 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  
76,2 mm solid handling capacity



#### PERFORMANCE

Max. 570 m³/h flow or 37,5 mWc discharge head



#### DIMENSIONS

8" x 8" BSP-T connection size  
L: 2,69 m W: 1,25 m H: 2,02 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



Electric Powered Pumps

*The Pump People®*

WHERE BLUE MEETS GREEN



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### TECHNICAL SPECIFICATIONS



#### PUMP

**T8A60S-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	83 psi (572 kPa)
Impeller	14,75" Semi-Open, Two 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
T8A-30-6	550 m3/h	32 mWc	Semi-open, two vane	76,2 mm	Solids-handling (SH)	Cast Iron, CD4MCu
T8C-30-6	520 m3/h	31,5 mWc	Semi-open, two vane	76,2 mm	SH + Eradicator®	Cast Iron
T8D-30-6	570 m3/h	37,5 mWc	Semi-open, two vane	38 mm	High efficiency (HE)	Cast Iron
T8E-30-6	475 m3/h	35 mWc	Semi-open, two vane	38 mm	HE + 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	30,0 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	63A 5P 400V

