

E-Line

T8-55-6

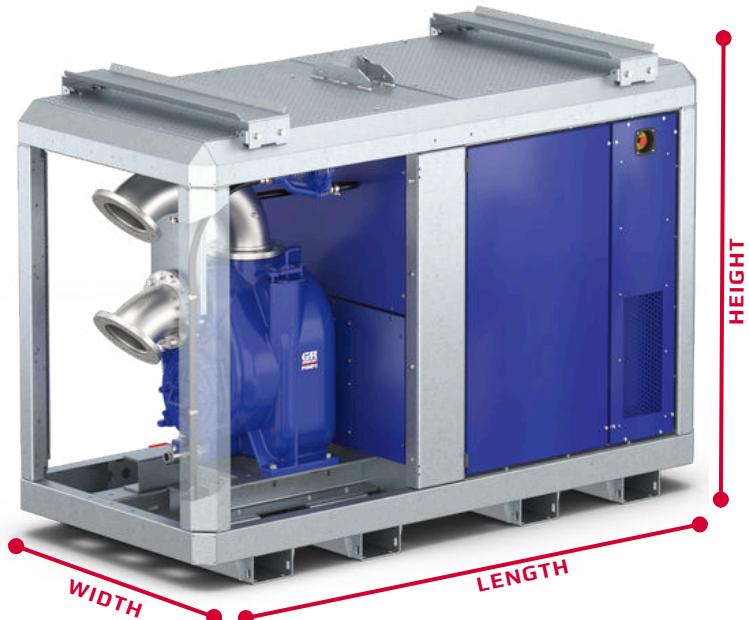
GORMAN-RUPP

E-LINE

GENERAL DESCRIPTION



The Gorman-Rupp E-Line T8-55-6 is an electric driven self-priming centrifugal pump set for pumping clean, dirty and sewage water.



WEIGHT

Approx. 2890 kg

OPERATION

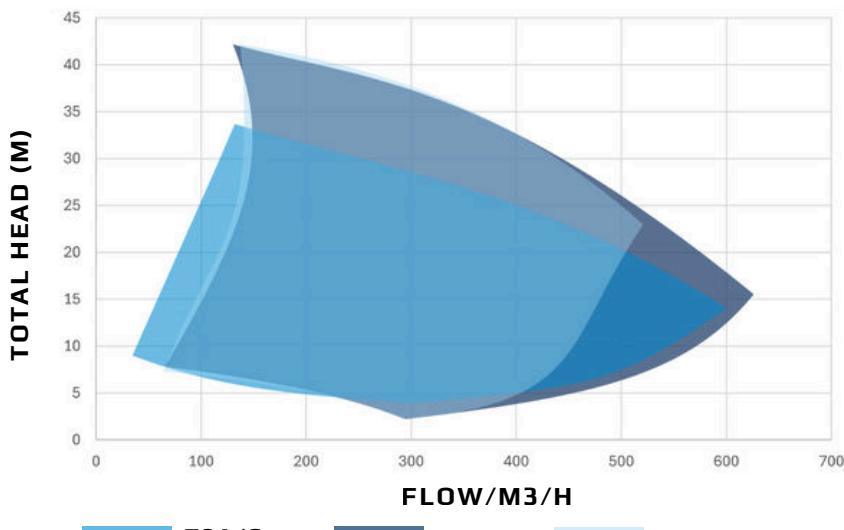
Control panel with main switch, emergency switch, pump on/off, hour counter and speed control. See rear side for more options.

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.

WHERE BLUE MEETS GREEN

E line
Electric Powered Pumps

The Pump People®



E-Line

T8-55-6

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TECHNICAL SPECIFICATIONS



PUMP

T8A60S-B (Standard version, see curves and table below for optional hydraulics. Check E-Line brochure 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. head	Impeller Type	Solid handling	Design Feature	Materials
T8A-55-6	600 m3/h	34 mWc	Semi-open, two vane	76,2 mm	Solids-handling (SH)	Cast Iron, CD4MCu
T8C-55-6	572 m3/h	32 mWc	Semi-open, two vane	76,2 mm	SH + Eradicator®	Cast Iron
T8D-55-6	630 m3/h	42 mWc	Semi-open, two vane	38 mm	High efficiency (HE)	Cast Iron
T8E-55-6	525 m3/h	42,5 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	55,0 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

